College of Liberal Arts & Sciences

Graduation requirements and regulations for every academic program are provided in this catalog. Degree requirements and course descriptions are subject to change. In most cases, you will use the catalog of the year you entered KU (see your advisor (http://www.advising.ku.edu) for details). Other years’ catalogs (http://catalog.ku.edu/archives/2014-15/archive)

I’m looking for


Graduate Certificate in African Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/african-studies/graduate-certificate)

American Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/american-studies)

Bachelor of Arts and Bachelor of General Studies in American Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/american-studies/ba-bgs)
Minor in Latino/a Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/american-studies/minor)
Minor in American Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/american-studies/asminor)
Master of Arts in American Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/american-studies/ma)
Master of Urban Planning and Master of Arts in American Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/american-studies/mup-ma)
Doctor of Philosophy in American Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/american-studies/phd)
Graduate Certificate in Community Health and Development (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/american-studies/graduate-certificate)


Anthropology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/anthropology)
Bachelor of Arts and Bachelor of General Studies in Anthropology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/anthropology/ba-bgs)
Minor in Anthropology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/anthropology/minor)
Master of Arts in Anthropology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/anthropology/ma)
Doctor of Philosophy in Anthropology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/anthropology/phd)
Bachelor of Arts and Bachelor of General Studies in Applied Behavioral Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/applied-behavioral-science/ba-bgs)
Doctor of Philosophy in Behavioral Psychology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/applied-behavioral-science/phd)
Graduate Certificate in Community Health and Development (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/applied-behavioral-science/graduate-certificate)
Astronomy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/astronomy)

Bachelor of Arts in Astronomy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/astronomy/ba)
Bachelor of Science in Astronomy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/astronomy/bs)
Minor in Astrobiology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/astronomy/astrobiology-minor)

Atmospheric Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/atmospheric-science)

Bachelor of Science in Atmospheric Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/atmospheric-science/bs)
Minor in Atmospheric Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/atmospheric-science/minor)
Master of Science in Atmospheric Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/atmospheric-science/ms)

Bioinformatics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/bioinformatics)

Doctor of Philosophy in Bioinformatics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/bioinformatics/phd)

Biology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology)

Bachelor of Arts in Biochemistry (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology/ba-biochemistry)
Bachelor of Arts in Biology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology/ba-biology)
Bachelor of Arts in Microbiology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology/ba-microbiology)
Bachelor of Science in Biochemistry (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology/bs-biochemistry)
Bachelor of Science in Biology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology/bs-biology)
Bachelor of Science in Microbiology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology/bs-microbiology)
Bachelor of Science in Molecular Biosciences (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology/bs-molecular-biosciences)

Chemistry (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/chemistry)

Bachelor of Arts in Chemistry (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/chemistry/ba)
Bachelor of Science in Chemistry (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/chemistry/bs)
Minor in Chemistry (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/chemistry/minor)
Master of Science in Chemistry (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/chemistry/ms)
Doctor of Philosophy in Chemistry (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/chemistry/phd)

Child Language (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/child-language)

Classics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/classics)
Bachelor of Arts and Bachelor of General Studies in Classical Antiquity (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/classics/ba-bgs-classical-antiquity)
Bachelor of Arts and Bachelor of General Studies in Classical Languages (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/classics/ba-bgs-classical-languages)
Master of Arts in Classics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/classics/ma)
Doctor of Philosophy in Classics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/classics/phd)
Communication Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/communication-studies)
Bachelor of Arts and Bachelor of General Studies in Communication Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/communication-studies/ba-bgs)
Minor in Communication Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/communication-studies/communication-studies-minor)
Minor in Leadership Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/communication-studies/leadership-studies-minor)
Master of Arts in Communication Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/communication-studies/ma)
Doctor of Philosophy in Communication Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/communication-studies/phd)
Bachelor of Fine Arts in Dance (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/dance/bfa)
Bachelor of Arts in Dance (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/dance/ba)
Minor in Dance (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/dance/minor)
East Asian Languages and Cultures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/east-asian-languages-cultures)
Bachelor of Arts in East Asian Languages and Cultures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/east-asian-languages-cultures/ba)
Minor in East Asian Languages and Cultures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/east-asian-languages-cultures/minor)
Master of Arts in East Asian Languages and Cultures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/east-asian-languages-cultures/ma)
Joint Degree Program in Law and East Asian Languages and Culture (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/east-asian-languages-cultures/jd-ma)
Master of Arts in Ecology and Evolutionary Biology, Botany, or Entomology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/ecology-evolutionary-biology/ma)
Doctor of Philosophy in Ecology and Evolutionary Biology, Botany, or Entomology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/ecology-evolutionary-biology/phd)
Economics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/economics)
Bachelor of Arts and Bachelor of General Studies in Economics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/economics/ba-bgs)
Bachelor of Science in Economics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/economics/bs)
Minor in Economics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/economics/minor)
Master of Arts in Economics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/economics/ma)
M.A.-J.D. Degree Program (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/economics/ma-jd)
Doctor of Philosophy in Economics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/economics/phd)
Bachelor of Arts and Bachelor of General Studies in English
Bachelor of Arts and Bachelor of General Studies in Literature, Language, and Writing
Minor in English
Master of Arts in English
Master of Fine Arts in Creative Writing
Doctor of Philosophy in English
Bachelor of Arts and Bachelor of General Studies in Environmental Studies
Bachelor of Science in Environmental Studies
Minor in Environmental Studies
Professional Science Masters in Environmental Assessment
Co-Major in European Studies
Minor in European Studies
Bachelor of Arts in French
Minor in French
Minor in Italian
Master of Arts in French
Doctor of Philosophy in French
Bachelor of Arts and Bachelor of General Studies in Film and Media Studies
Minor in Film and Media Studies
Master of Arts in Film and Media Studies
Master of Fine Arts in Creative Writing
Doctor of Philosophy in Film and Media Studies
Bachelor of Arts in French
Minor in French
Minor in Italian
Master of Arts in French
Doctor of Philosophy in French
Bachelor of Arts and Bachelor of General Studies in Genetics
Minor in Genetics
Geography (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography)

Bachelor of Arts and Bachelor of General Studies in Geography (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography/ba-bgs-geography)
Bachelor of Science in Geography (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography-bs-geography)
Bachelor of Science in Atmospheric Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography/bs-atmospheric-science)
Minor in Geography (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography/geography-minor)
Minor in Atmospheric Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography/bs-atmospheric-science)
Master of Arts in Geography (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography/ma-geography)
Master of Science in Atmospheric Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography/ms-atmospheric-science)
Master of Science in Geography (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography/ms-geography)
Doctor of Philosophy in Geography (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/geography/phd-geography)

Germanic Languages and Literatures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/germanic-languages-literatures)

Bachelor of Arts in German Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/germanic-languages-literatures/ba)
Minor in German Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/germanic-languages-literatures/ma)
Master of Arts in Germanic Languages and Literatures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/germanic-languages-literatures/ma)
Doctor of Philosophy in Germanic Languages and Literatures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/germanic-languages-literatures/phd)

Gerontology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/gerontology)

Bachelor of Arts in Gerontology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/gerontology/ba)


Bachelor of Arts in Global and International Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/global-international-studies/ba)
Co-Major in European Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/global-international-studies/european-studies-co-major)
History (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history)

Bachelor of Arts and Bachelor of General Studies in History (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history/ba-bgs)
Minor in History (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history/minor)
Master of Arts in History (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history/ma)
Doctor of Philosophy in History (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history/phd)

History of Art (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history-art)

Bachelor of Arts and Bachelor of General Studies in History of Art (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history-art/ba-bgs)
Minor in History of Art (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history-art/minor)
Master of Arts in History of Art (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history-art/ma)
Doctor of Philosophy in History of Art (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/history-art/phd)

Honors (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/honors)

Humanities and Western Civilization (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/humanities-western-civilization)

Bachelor of Arts in Humanities (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/humanities-western-civilization/ba)
Minor in Humanities (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/humanities-western-civilization/minor)


Bachelor of Arts in Indigenous Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/indigenous-studies/ba)
Graduate Certificate in Indigenous Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/indigenous-studies/graduate-certificate)

Information Processing Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/information-processing-studies)

Interdisciplinary Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/interdisciplinary-studies)


Bachelor of Arts and Bachelor of General Studies in Latin American and Caribbean Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/latin-american-caribbean-studies/ba-bgs)

Liberal Arts and Sciences (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/liberal-arts-sciences)

Bachelor of General Studies in Liberal Arts and Sciences (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/liberal-arts-sciences/bgs)

Linguistics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/linguistics)

Bachelor of Arts and Bachelor of General Studies in Linguistics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/linguistics/ba-bgs)
Master of Arts in Linguistics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/linguistics/ma)
Doctor of Philosophy in Linguistics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/linguistics/phd)

Mathematics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/math)

Bachelor of Arts in Mathematics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/math/ba)
Bachelor of Science in Mathematics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/math/bs)
Minor in Mathematics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/math/minor)
Doctor of Philosophy in Mathematics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/math/phd)
**Molecular Biosciences** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/molecular-biosciences)

- M.A. in Biochemistry & Biophysics; Microbiology; or Molecular, Cellular, & Developmental Biology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/molecular-biosciences/ma)
- Ph.D. in Biochemistry & Biophysics; Microbiology; or Molecular, Cellular, & Developmental Biology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/molecular-biosciences/phd)

**Museum Studies** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/museum-studies)

- Master of Arts in Museum Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/museum-studies/ma)

**Philosophy** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/philosophy)

- Bachelor of Arts and Bachelor of General Studies in Philosophy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/philosophy/ba-bgs)
- Master of Arts in Philosophy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/philosophy/ma)
- Juris Doctor and Master of Arts in Philosophy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/philosophy/jd-ma)
- Doctor of Philosophy in Philosophy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/philosophy/phd)

**Physics and Astronomy** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/physics-astronomy)

- Bachelor of Arts in Astronomy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/physics-astronomy/ba-astronomy)
- Bachelor of Science in Astronomy (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/physics-astronomy/bs-astronomy)
- Bachelor of Arts in Physics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/physics-astronomy/ba-physics)
- Bachelor of Science in Physics (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/physics-astronomy/bs-physics)

**Political Science** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/political-science)

- Bachelor of Arts and Bachelor of General Studies in Political Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/political-science/ba-bgs)
- Minor in Public Policy in the United States (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/political-science/minor)
- Master of Arts in Political Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/political-science/ma)
- Doctor of Philosophy in Political Science (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/political-science/phd)

**Prelaw** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/prelaw)

**Premedical Professions** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/premedical-professions)
Psychology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/psychology)

Bachelor of Arts and Bachelor of General Studies in Psychology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/psychology/ba-bgs-psychology)
Bachelor of Science in Behavioral Neuroscience (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/psychology/bs-behavioral-neuroscience)
Minor in Psychology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/psychology/minor-psychology)
Master of Arts in Psychology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/psychology/ma)
Doctor of Philosophy in Psychology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/psychology/phd)

Public Affairs and Administration (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/public-affairs-administration)

Bachelor of Arts and Bachelor of General Studies in Public Administration (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/public-affairs-administration/ba-bgs)
Master of Public Administration (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/public-affairs-administration/mpa)
Doctor of Philosophy in Public Administration (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/public-affairs-administration/phd)


Bachelor of Arts and Bachelor of General Studies in Religious Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/religious-studies/ba-bgs)
Master of Arts in Religious Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/religious-studies/ma)
Master of Arts in Russian, East European, and Eurasian Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/russian-east-european-eurasian-studies/ma)
Bachelor of Arts in Slavic Languages and Literatures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/slavic-languages-literature)
Minor in Slavic Languages and Literatures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/slavic-languages-literature/minor)
Master of Arts in Slavic Languages and Literatures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/slavic-languages-literature/ma)
Doctor of Philosophy in Slavic Languages and Literatures (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/slavic-languages-literature/phd)
**Sociology** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/sociology)

Bachelor of Arts and Bachelor of General Studies in Sociology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/sociology/ba-bgs)
Master of Arts in Sociology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/sociology/ma)
Doctor of Philosophy in Sociology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/sociology/phd)

**Spanish and Portuguese** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/spanish-portuguese)

Bachelor of Arts in Spanish (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/spanish-portuguese/ba)
Minor in Brazilian Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/spanish-portuguese/minor)
Master of Arts in Spanish (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/spanish-portuguese/ma)
Doctor of Philosophy in Spanish (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/spanish-portuguese/phd)


Doctor of Philosophy in Speech-Language Pathology or Audiology (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/speech-language-hearing/phd)

**Visual Art** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/visual-art)

Bachelor of Fine Arts in Visual Art (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/visual-art/bfa)
Bachelor of Art Education in Visual Art Education (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/visual-art/bachelor-art-education)

**Theatre** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/theatre)

Bachelor of Arts and Bachelor of General Studies in Theatre (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/theatre/ba-bgs)
Bachelor of Fine Arts in Theatre Design (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/theatre/bfa)
Master of Arts in Theatre (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/theatre/ma)
Master of Fine Arts in Theatre Design-Scenography Concentration (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/theatre/phd)

**Systems Analysis and Design** (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/systems-analysis-design)

Bachelor of Arts and Bachelor of General Studies in Systems Analysis and Design (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/systems-analysis-design/ba-bgs)
Women, Gender and Sexuality Studies [Link](http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/women-gender-sexuality-studies)

Bachelor of Arts and Bachelor of General Studies in Women’s Studies [Link](http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/women-gender-sexuality-studies/ba-bgs)

Minor in Women’s Studies [Link](http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/women-gender-sexuality-studies/minor-womens-studies)


Doctor of Philosophy in Women, Gender, and Sexuality Studies [Link](http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/women-gender-sexuality-studies/phd)

Graduate Certificate in Women’s Studies [Link](http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/women-gender-sexuality-studies/graduate-certificate)

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The College of Liberal Arts and Sciences

**Aims**

The College of Liberal Arts and Sciences (called the College or CLAS) is KU’s largest academic unit with more than 50 departments and programs. The liberal arts and sciences include disciplines in the humanities, social and behavioral sciences, and natural and mathematical sciences. The humanities are the study of the constructions or creations of humans over time (literature, religion, philosophy, history, culture, language, etc.). The social sciences are the study of how and why humans behave as they do individually, in groups, or in society (psychology, sociology, anthropology, etc.). The natural sciences involve explanations and predictions of the natural world. Each department lends a unique perspective on the world. Look at each department’s overview page to begin to understand their unique contribution to your education.

Liberal education at the undergraduate level is typically broad rather than specialized. Its aim is to develop a citizenry that is broadly informed and capable of critical appraisal and to provide fundamental knowledge in many fields. The mission of the College, as reflected in KU’s bachelor’s degree requirements, is to provide such an education. The College takes full advantage of KU’s role as a research institution to ensure that the knowledge imparted to students is current and that they learn the skills of inquiry and critical evaluation.

**Undergraduate Programs**

It is the students’ responsibility to become thoroughly acquainted with all requirements for the degree programs in which they plan to participate. These include all university requirements, as well as the requirements of CLAS outlined in this section of the catalog. Students are also responsible for understanding the requirements that are unique to individual programs.

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In general, the student is subject to the requirements in place at the time of admission as a degree-seeking student.

**CLAS Baccalaureate Degrees**

The College of Liberal Arts and Sciences offers 3 degrees at the baccalaureate level:

- Bachelor of Arts (B.A.),
- Bachelor of General Studies (B.G.S.), and
- Bachelor of Science (B.S.).

The majority of students in the College earn a **B.A. degree**. The B.A. degree may be earned with a major in all departments and programs in the College except atmospheric science. The B.A. is the traditional baccalaureate degree, structured to ensure both breadth and depth of knowledge through completion of the KU Core, degree specific requirements in writing, mathematics, foreign language, and laboratory science, as well as course work in the major.

The **B.G.S. degree** is an option allowing intentional breadth, consisting of the completion of the KU Core and one of two options for degree completion.

The **B.S. degree** is offered by all natural science areas except human biology, as well as economics and behavioral neuroscience. General education degree and major requirements are determined by each program offering the degree and may be different for each B.S. degree in the College. With fewer required non-science general education degree requirements, the B.S. permits more depth in the major. It requires additional work in supporting science areas.

View the list of College of Liberal Arts and Sciences Departments & Programs [Link](http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences).

**Two Degrees**

**Double Degrees in the College of Liberal Arts and Sciences**

The following combinations of degrees are allowable within CLAS as long as the student has completed at least 15 hours unique to each major:

- 2 (or more) B.S. degrees. These must be different B.S. degrees, not different concentrations within the same B.S. degree.
- B.A. and B.S. degrees as long as the degrees are in different majors. Students may not, for example, earn both a B.A. and a B.S. in mathematics.
- B.G.S. and B.S. degrees as long as the degrees are in different majors. Students may not, for example, earn both a B.G.S. and a B.S. in economics.
- Students may complete the requirements for more than one emphasis area or concentration in a major or degree program but should be aware that they are not completing a second degree or major. The following 2 examples illustrate this point:
  a. A student who completes all requirements for both the genetics option and the cell biology option is earning one degree, the B.S. degree in biology;
  b. A student who completes all requirements for both the traditional English option and the creative-writing option is earning one degree, either the B.A. in English or the B.G.S. in English.
- Students may earn a B.A. or a B.G.S. with more than one major but not more than one B.A. or B.G.S. degree from CLAS.
• Students normally may not earn a B.A. degree and a B.G.S. degree. Exceptions to this must be approved by the committee on undergraduate studies and advising (CUSA). Requests for exceptions should be discussed with the director of College Student Academic Services.

Double Degrees in CLAS and a Professional School
Students who wish to work simultaneously for a degree from CLAS and a degree from one of the professional schools may do so, with the expectation that all general education requirements are met for both degrees.

KU Edwards Campus Undergraduate Programs
Students who would like to complete a bachelor’s degree in the Kansas City area may choose from 4 CLAS undergraduate majors offered on the KU Edwards Campus (http://edwardscampus.ku.edu) in Overland Park. Contact the CLAS undergraduate advisor, 864-8659 (from Lawrence) or 913-897-8659 (outside of Lawrence), about each of these degrees.

• Literature, Language, and Writing

• Molecular Biosciences
  The B.S. degree is offered. See requirements for the major under Biology Undergraduate Program (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/biology/bs-molecular-biosciences).

• Public Administration

Special Opportunities in the College

KULAC Language Across the Curriculum
KULAC is a pioneering program that seeks to equip students with real competency in a second language through a curriculum of courses and discussion sections taught in world languages in fields like business, history, politics, and the environment. KULAC classes allow you to study subjects that meet your interests (and graduation requirements) while sharpening your language skills, including the specialized vocabulary used in your career. Employers are looking for graduates who combine a disciplinary specialty with a second language proficiency and a knowledge of other cultures. KULAC makes it possible for you to develop these skills without slowing progress toward your degree. KULAC courses are open to any student who has completed at least two years of college-level classes in the relevant language. Courses are taught in Spanish, French, German, Italian, and Russian. There are new offerings each semester. For more information, consult the Center for Global and International Studies (http://global.ku.edu).

UKanTeach
UKanTeach (http://ukanteach.ku.edu) prepares future secondary (6th through 12th-grade) math and science teachers by encouraging students to learn to teach while pursuing a 4-year bachelor’s degree. UKanTeach invites all KU students to take LA&S 290 (1 hour), the first course in the UKanTeach sequence. This career-exploration course allows students to design lessons and teach them in local schools. First-year students through seniors may enroll. Through course work and classroom experiences, students quickly learn whether they are suited to teaching.

Students pursuing any related undergraduate degree at KU can add the UKanTeach requirements to their major and earn a teaching license along with their degree.

The teaching licenses available in the UKanTeach program and some majors and interests commonly paired with each licensure area:

<table>
<thead>
<tr>
<th>Total hours</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours in CLAS and/or School of the Arts</td>
<td>100</td>
</tr>
<tr>
<td>Junior/senior hours (courses numbered 300 or above)</td>
<td>45</td>
</tr>
<tr>
<td>Hours in residence at KU (all must be taken at the junior/senior level)</td>
<td>30</td>
</tr>
<tr>
<td>KU cumulative grade-point average</td>
<td>2.0</td>
</tr>
<tr>
<td>Grade-point average in KU junior/senior hours in the major</td>
<td>2.0</td>
</tr>
<tr>
<td>Grade-point average in KU hours in the minor</td>
<td>2.0</td>
</tr>
</tbody>
</table>

If you know that you want to teach secondary mathematics or science (or if you want to explore the idea), the UKanTeach program can help you accomplish this while you continue to pursue your bachelor’s degree at KU.

UKanTeach advisors would be happy to meet with you to discuss the program in more detail and show you how UKanTeach can fit into your plan to graduate.

Degree Requirements

Early and Continuous Enrollment in English and Math (All Undergraduate Degrees)
Undergraduate students enrolled in the College of Liberal Arts and Sciences are expected to make timely progress towards completing their degree requirements. In an effort to have students remain compliant with the requirements of the KU Core and the College, students are required to complete the Written Communication and Quantitative Literacy requirements of both the KU Core and their degrees within the first year of undergraduate study.

Written Communication
Students are expected to enroll in two courses that meet Goal 2, Learning Outcome 1 of the KU Core in their first year of study. Students should pay close attention to their degree specific requirements (such as for the Bachelor of Arts) given that certain degrees require specific Goal 2, Learning Outcome 1 courses despite advanced standing in writing courses due to examination scores. To ensure compliance with this policy, students may be administratively registered for courses if the College determines that they are not on track to complete this requirement in the first year of study. If a student is found to be in non-compliance with this policy, the College retains the right to place a hold on their records to prevent future registrations.

Quantitative Literacy
Students are expected to meet the requirement of Goal 1, Learning Outcome 2 of the KU Core in their first year of study. Students should
pay close attention to their degree specific requirements (such as for the Bachelor of Arts) given that certain degrees require specific Goal 1, Learning Outcome 2 courses to meet both KU Core and degree specific requirements. To ensure compliance with this policy, students may be administratively registered for courses if the College determines that they are not on track to complete this requirement in the first year of study. If a student is found to be in non-compliance with this policy, the College retains the right to place a hold on their records to prevent future registrations.

**Requirements for Graduation (All Undergraduate Degrees)**

**Grade-Point Average Required for Graduation**

To be eligible to graduate from the College of Liberal Arts and Sciences with any of the 3 degrees (B.A., B.G.S., or B.S.), a student must earn at least a 2.0 grade-point average in courses taken at KU (including grades earned in Independent Study courses through KU Continuing Education) and at least a 2.0 in KU junior/senior courses (courses numbered 300 and above) in the major. All junior/senior level major-eligible courses attempted at KU will be included in the GPA calculation.

**Hours Required for Graduation**

To be eligible to graduate from CLAS with any of the 3 degrees (B.A., B.G.S., or B.S.), a student must successfully complete at least 120 credit hours, 45 of which must be junior/senior hours (courses numbered 300 and above), and 100 of which must be completed in Liberal Arts and Sciences/School of the Arts course work. The required 120 hours are divided into 4 categories: the KU Core, College specific degree requirements, major, and elective requirements. The total hours are increased by enrollment in MATH 2 or any developmental course numbered below 100. The total also is increased by enrollment in excess of 64 hours of community college credit, 4 hours in physical education activity courses, 6 hours in music organization courses, and any repeated courses for which a student has already received credit.

**Minimum and Maximum Hour and Grade-Point Average Requirements for All CLAS Degrees (B.A., B.G.S., B.S.)**

**Minimums**

<table>
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<th>Total hours</th>
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<td>30</td>
</tr>
<tr>
<td>KU cumulative grade-point average</td>
<td>2.0</td>
</tr>
<tr>
<td>Grade-point average in KU junior/senior hours in the major</td>
<td>2.0</td>
</tr>
<tr>
<td>Grade-point average in KU hours in the minor</td>
<td>2.0</td>
</tr>
</tbody>
</table>

**Maximums**

| Hours from community colleges | 64 |
| Hours in physical education activity courses | 4 |
| Hours in music organization courses | 6 |

**Note:** Courses numbered below 100 do not count toward a degree but are included in the grade-point average.

**General Education Degree Requirements**

All 3 degrees require courses that reflect the breadth of the disciplines in the College.

All undergraduate degrees from the University of Kansas require completion of the KU Core Curriculum (http://kucore.ku.edu). In addition to the KU Core, students must satisfy the degree specific and major requirements of the degree they are pursuing. Below are the degree specific requirements of the various degrees of the College. Major requirements may be found on the specific departmental pages in this catalog.

**Electives Required for Graduation**

The Bachelor of Arts degree requires:

- **Quantitative Reasoning.** 3 credits. This course must have MATH 101 (College Algebra) or a higher mathematics course as a pre-requisite. Additionally, this course must also be either approved for Goal 1, Learning Outcome 2 of the KU Core or another course approved by CUSA.
- **Laboratory or Field Experience.** Variable credits. This course must be an academic-credit bearing laboratory or field experience. This course may be taken in conjunction with a lecture but the course combination must contain a laboratory.
- **Writing.** 6 credits. Students must complete six credit hours (two courses) of collegiate writing-level instruction. Students must complete ENGL 101, Composition and ENGL 102/ENGL 105, Critical Reading and Writing/Freshman Honors English. Students who place in ENGL 102/ENGL 105 by examination, must complete ENGL 102/ENGL 105 and another course meeting Goal 2, Learning Outcome 1 of the KU Core.
- **Non-English Language Proficiency**

Variable credits. Students must demonstrate fourth semester proficiency in a single non-English language, or third semester proficiency in a first non-English language and first semester proficiency in a second non-English language. This requirement may be met through coursework or examination by the appropriate language department.

The Bachelor of General Studies degree has two distinct options for completion and requires either:

- **Option A.** Completion of the requirements of a single BGS major AND a secondary field of academic study (a second major or minor) OR
- **Option B.** Completion of the B.G.S. in Liberal Arts and Sciences. This degree program requires:

  - Liberal Arts and Sciences Breadth Requirement. Satisfied by the completion of a course (with a minimum of 2 credit hours) in 15 unique departments/programs within the College or School of the Arts (as determined by course prefix). Courses fulfilling this requirement may also contribute to the KU Core and other requirements.
  - World Language and Culture. 2 courses (each with 3 credit hours or more) in a single world language OR
  - the KU Core, Completion of 3 courses (each with 3 credit hours or more) in world, non-Western culture
choosing a major can be obtained at the University Advising Center (http://advising.ku.edu) (126 Strong Hall), CLAS Student Academic Services (http://clas.ku.edu/undergrad) (109 Strong Hall), and the University Career Center (http://www.kucareerhawk.com/s/762/start.aspx) (110 Burge Union).

Admission to CLAS Majors
Admission requirements to a particular major offer potential students the critical foundation of knowledge and skills necessary to become successful in that major. View current admission requirements for each CLAS department in the department’s section of the current catalog.

CLAS department admission requirements include the following:

Designated Admission Course Requirements and Minimum Admission Grade-Point Average
Departments may designate up to 4 courses and require an admission grade-point average from 2.2 to 3.0. If a student may choose from a set of course requirement options, and he or she has taken more than the minimum number of course options in the application term, grades received in any designated admission course requirement up to and including that term may be computed in the grade-point average for admission consideration. Only course grades from repeated lower-level courses, meeting the standards of KU’s course repeat policy (https://documents.ku.edu/policies/governance/USRR.htm#art2sect2) , are removed from the grade-point average calculation.

The Credit/No Credit option is not available for any course that is an admission requirement. If a student has mistakenly requested the CR/NC option for a course required for admission, 1.7 grade points for any CR grade recorded and 0.0 points for any NC grade recorded are calculated into the grade-point average for admission purposes. A department may determine that any designated admission course taken with the CR/NC option must be repeated.

Application Term
Students must complete all requirements for admission to a major by the first semester of the junior year or before. Application to the major should occur in the term in which admission requirements will be completed. If a student does not meet established admission grade-point average criteria or neglects to apply for admission in this term, she or he must petition the department for permission for late application. The department, as part of an approved petition, determines late admission requirements (including grade-point average and course requirements) and the final admission deadline.

Hours in the Major: Maximums and Minimums
There is no limit on hours taken in the major for the B.A., B.G.S., or B.S. degree. Departments are not allowed to require more than 40 hours in the major for the B.A. or more than 50 hours in the major for the B.S. Some skills courses and supporting science courses are not included in this maximum limit. A minimum of 12 hours in the major must be in courses numbered 300 or above. At least 15 of these hours in the major must be taken in residence at KU.

Major Grade-Point Average Graduation Requirement
A student must earn a grade-point average of at least 2.0 in KU junior/senior courses (numbered 300 and above) completed in the major. All junior/senior level major-eligible courses attempted at KU will be included in the GPA calculation.
If a student has mistakenly requested the Credit/No Credit option for a course in the major, 1.7 grade points for any CR grade recorded and 0.0 points for any NC grade recorded are calculated into the major grade-point average for certification purposes. A department may determine that any major course taken with the CR/NC option must be repeated.

**Double Major**

A student may earn a double major if he or she satisfies the requirements of both majors and completes 15 hours unique to each major in consultation with advisors in each department.

**Special Major**

Students who feel that their best interests cannot be served by the majors listed may petition for a special major (B.A. or B.G.S.), if they follow the guidelines below. Such majors are supervised by special committees of three faculty members recruited by the student. Interested students should consult College Student Academic Services (http://clas.ku.edu/undergrad), preferably before the end of the sophomore year.

The following guidelines apply to special majors:

1. An official endorsement by one or more of the CLAS departments or degree programs involved must accompany a petition for a special major. The petition must be submitted to the committee on undergraduate studies and advising (CUSA).
2. At least 12 credit hours numbered 300 or above toward the major must be taken after approval of the special major.
3. At least two committee members must be from the CLAS faculty.
4. At least 2/3 of the credit hours to be counted toward the special major must be CLAS courses.
5. Special majors must not overlap significantly with existing KU major programs and should not have the same titles as existing majors.
6. A student seeking a special major must fulfill the general education degree requirements necessary for the B.A. or B.G.S degree.

**Overlap Between Requirements**

A course may be used to fulfill a KU Core or College degree-specific requirement and a minor or major requirement.

A student may earn more than one major if he or she satisfies the requirements of all majors and completes 15 hours unique to each major in consultation with advisors in each department.

One course overlap (up to 3 credits) is allowed between major requirements and minor requirements.

**Graduate Programs**

The College of Liberal Arts and Sciences (called the College or CLAS) is KU's largest academic unit with more than 50 departments and programs. Graduate programs in the liberal arts and sciences include disciplines in the arts, humanities, social and behavioral sciences, and natural and mathematical sciences, as well as many interdisciplinary degree programs where often highly diverse disciplines come together to offer students a unique graduate experience. Each graduate program’s page contains program-specific information about admission, course curriculum, and faculty mentors.

The College’s participation in graduate education reflects a long and distinguished commitment to higher learning and research across the liberal arts and sciences. The College takes full advantage of KU’s role as an international research institution to ensure that the knowledge imparted to students is current and that they learn the skills of inquiry and critical evaluation. Graduate students are central to the research and teaching missions of the College. They are also the next generation of scholars.
who will make contributions to our communities and the production of knowledge for many years to come.

It is the students’ responsibility to become thoroughly acquainted with all requirements for the degree programs in which they plan to participate. These include the university requirements for graduate studies at KU outlined in the College and Graduate Studies sections of the KU Policy Library (http://www.policy.ku.edu), the University Senate Rules and Regulations (http://catalog.ku.edu/archives/2014-15/regulations), the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) sections of the online catalog, as well as the requirements of the College outlined in this catalog section. Additionally, students are responsible for understanding the requirements that are unique to individual graduate programs outlined in the graduate handbooks of individual academic units and the Departments & Programs (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences) sections of the online catalog.

In general, the student is subject to the regulations in force at the time of admission as a degree-seeking student. If degree requirements change, the student may opt to follow the new requirements or to continue under the regulations in force at the time of admission. Any student readmitted 10 years or more after his or her initial term as a degree-seeking student must fulfill the requirements in effect on the date of readmission to the graduate program.

Graduate Degrees in the College

The College offers graduate degrees in more than 90 areas of study. Master of Arts (M.A.) or Master of Science (M.S.) degrees can be earned in more than 40 disciplines and the Master of Fine Arts (M.F.A.) degree is offered in creative writing, visual art, and theatre design with a concentration in scenography. Other professional degrees are offered at the master’s level in the Master of Public Administration (M.P.A.) program and the Professional Science Master’s (PSM) program.

The College offers Doctor of Philosophy (Ph.D.) degrees in 37 fields, including 2 fields within the School of the Arts.

For students whose academic and professional goals can best be achieved through investigations at the interface of 2 or more disciplines, the College offers master’s and doctoral degree programs in Interdisciplinary Studies. Please see the policy governing graduate degrees in Interdisciplinary Studies section of the online catalog.

The College currently offers Graduate Certificates in eight fields, with more certificate programs in development.

View the the College’s Departments & Programs (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences) section of the online catalog for more information on specific fields of study.

KU Edwards Campus Graduate Programs

Students who would like to complete a graduate degree in the Kansas City area may choose from 3 College graduate programs that are also offered on the KU Edwards Campus (http://edwardscampus.ku.edu) in Overland Park. Information about program requirements, facilities, tuition, and fees is available on the Edwards Campus website (http://edwardscampus.ku.edu). Residents of Kansas City metro area counties admitted as degree-seeking students to one of these programs may qualify for the MetroKC tuition rate for Edwards Campus courses. For more information, contact the College’s graduate advisor at the Edwards Campus by calling 864-8510 (from Lawrence) or 913-897-8510 (from other locations).

- Communication Studies
  The Master of Arts degree is offered on the Edwards Campus as well as in Lawrence. (The PhD is offered only in Lawrence.) See requirements under the Communications Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/communication-studies/ma) section of the online catalog.

- Global and International Studies
  The Master of Arts degree is based at the KU Edwards Campus. Students complete courses on the Edwards Campus and in Lawrence. See requirements under the Global and International Studies (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/global-international-studies/ma) section of the online catalog.

- Public Administration
  The Master of Public Administration is offered on the Edwards Campus as well as in Lawrence and at the KU Public Management Center (http://www.kupmc.org) in Topeka. (The PhD is offered only in Lawrence.) See requirements under Public Administration (http://catalog.ku.edu/archives/2014-15/public-affairs-administration) section of the online catalog.

- Professional Science Master’s
  The Professional Science Master’s in Environmental Assessment (PSM-EA) is offered on the Edwards Campus. See requirements under the Environmental Studies section of the online catalog.

Degree Requirements

Requirements for the completion of master’s and doctoral degrees in the College are governed by department- or program-specific policy, College policies and procedures, Graduate Studies policies, and the University Senate Rules and Regulations.

Information on degree requirements presented in this section are limited to the most frequently consulted policies and key milestones in the graduate career. Students will find additional information under the KU Policy Library (http://www.policy.ku.edu/office.shtml/#16), the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) and College’s graduate regulations sections of the online catalog, the academic unit’s handbook, and the University of Kansas Rules and Regulations (http://catalog.ku.edu/archives/2014-15/regulations).

Master’s Degree Requirements

Coursework

Coursework requirements for the Master’s degree are established and tracked by the department or program, and their completion verified and approved by the College. Please consult with your advisor, the academic unit’s graduate handbook, and the relevant Departments & Programs section of the online catalog for further information on specific courses or course sequences required for the degree.

Thesis

Final Examination
A final general examination in the major subject is required. The examination is held during the semester of the student’s final enrollment in course work and, in the case of thesis students, when the thesis has been substantially completed. In thesis programs, an oral thesis defense may be one of the degree requirements. Such a defense may be offered in addition to, or in conjunction with, the required general examination in the major field. Students earning a master’s thesis degree must have completed at least 1 hour of thesis enrollment before the master’s degree can be awarded. See also Master’s Degree Requirements (http://catalog.ku.edu/archives/2014-15/graduate-studies.html) , M.A. and M.S. Degrees, in the Graduate Studies section of the online catalog.

Dissertation and Final Exam
Completion of the dissertation is the culminating phase of a doctoral program, marked by the final oral examination and defense of the dissertation. In all but the rarest cases, tentative approval of the dissertation is followed promptly by the final oral examination. Refer to the Graduate Studies section (http://catalog.ku.edu/archives/2014-15/graduate-studies.html) of the online catalog for further information on the regulations governing the final oral examination, including committee composition and attendance regulations.


Ceremonies
At the end of each spring semester, the College holds a master’s hooding ceremony and Graduate Studies organizes the annual doctoral hooding ceremony. The School of the Arts hosts a separate ceremony for SOTA graduates. University Commencement information is available in the KU Commencement section of the KU website.

Attendance at these ceremonies is optional. Please consult the COGA website for more information.

Undergraduate Advising
Academic advising helps undergraduate students develop educational plans, clarify career and life goals, and appreciate the values of a liberal arts education. College Student Academic Services, in partnership with our faculty and staff across the University, is dedicated to helping undergraduate students achieve their educational and personal goals, and to maintaining the academic integrity of our degree programs. We welcome students, encourage them to be active participants in their educational experience, and celebrate their milestones.

CLAS encourages students to consult frequently with advisors whenever they have questions or problems. Academic advisors serve as guides, helping students explore options and make decisions. Undeclared CLAS students with fewer than 90 hours are assigned advisors in the University Advising Center (http://advising.ku.edu), 126 Strong Hall. UAC also provides prelaw, premedical and prehealth professions advising. When students declare majors, they are advised by faculty advisors and professional advisors in their major departments and in 109 Strong Hall.

College Student Academic Services (http://clas.ku.edu/undergrad), 109 Strong Hall, provides additional full-time advisors for students who entered KU before fall 1987 and students at all levels who have policy or petition questions or issues. In addition, SAS provides advising for prospective or new transfer seniors and refers them to faculty academic advisors in their majors as soon as possible. Finally, advisors in SAS work with graduating seniors to ensure timely completion of degree requirements through workshops, degree audits, and graduation advising appointments.

Degree Progress Report
The Degree Progress Report (DPR) is a computerized advising and degree-audit system, used to assist students and advisors in tracking progress toward completion of general education degree and major requirements for B.A., B.G.S., and B.S. degrees. Students should review their DPR each semester and be prepared to review and discuss information contained in the DPR at all advising appointments. The DPR

Doctor of Philosophy Degree Requirements

Coursework
Coursework requirements for the doctoral degree are established and tracked by the department or program, and their completion verified and approved by the College. Please consult with your advisor, the academic unit’s graduate handbook, and the relevant Departments & Programs section of the online catalog for further information on specific courses or course sequences required for the degree.

Research Skills and Responsible Scholarship
Graduate Studies requires that all doctoral students meet the Research Skills and Responsible Scholarship requirement before proceeding to the Comprehensive Exam. Specific requirements are determined by each department or program in consultation with Graduate Studies. Information on these requirements is contained in the department or program’s approved research skills requirement plan. Consult with your advisor and the Departments & Programs section of the online catalog for further information.

Residency
Two semesters, which may include one summer session, must be spent in resident study at KU. The College requires that residency be fulfilled before the comprehensive oral examination is scheduled. For more information on residency requirements, please see the Graduate Studies section (http://catalog.ku.edu/archives/2014-15/graduate-studies/#programtext) of the online catalog.

Comprehensive Oral Examination
The comprehensive oral examination covers the major field and any outside work for which the academic unit wishes to hold the student responsible. The examination is expected to be broader than a mere defense of the dissertation proposal.

The student must be enrolled the semester or summer session in which he or she completes the comprehensive oral examination. This enrollment may count toward the post-comprehensive enrollment requirements as described in Graduate Studies’ Candidacy for Doctoral Degree policy. If more than 5 years elapses between the completion of the comprehensive exam and degree completion, the student may be required to retake the oral comprehensive.

More information about comprehensive exam requirements may be found in the Graduate Studies section (http://catalog.ku.edu/archives/2014-15/graduate-studies/#programtext) of the online catalog.
can be accessed through the student’s account in the KYou Portal under the Advising tab. Although the DPR provides a list of courses taken and grades earned, it is not an official transcript and can be used only for internal advising. Students must obtain all official transcripts from the Student Records Center (http://www.registrar.ku.edu), 121 Strong Hall.

4-Year Graduation Plans

With careful planning and commitment to a full-time course load, students can graduate in 4 years. See the College Student Academic Services (http://clas.ku.edu/undergrad) website or your major department’s section of the catalog.

Graduate Advising

Advising of graduate students is primarily conducted within the graduate programs by program staff members and the individual faculty members who act as mentors and advisors. Students are encouraged to work with the director of graduate studies in their program regarding course selections and individual program requirements to ensure that all program milestones are reached as expected by the program faculty and the College. The graduate studies director or coordinator is also responsible for the regular assessment of students in the program and can address questions regarding a student’s progress toward the degree.

Students seeking information on specific policy or procedures should review the relevant content in the KU Policy Library (http://www.policy.ku.edu/office.shtml#116) as well as the College and Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) sections and the relevant Department or Program section of the online catalog. The College Office of Graduate Affairs (http://clas.ku.edu/coga), 108 Strong Hall, coga@ku.edu, is also available for assistance.

Students who have completed all degree requirements and are preparing to graduate are encouraged to schedule a Graduation Appointment with the College Office of Graduate Affairs.

Undergraduate University Regulations

For information about university regulations, see Regulations (http://catalog.ku.edu/archives/2014-15/regulations) or visit the University of Kansas Policy Library (http://www.policy.ku.edu).

Academic Integrity

The College of Liberal Arts and Sciences strictly enforces KU and CLAS policies on academic misconduct. Academic integrity requires honest performance of academic responsibilities by students. These include preparation of assignments, reports and research papers, taking examinations, completing administrative requirements, and a sincere and conscientious effort by students to abide by the policies set forth by instructors. See Academic Integrity on the Regulations (http://catalog.ku.edu/archives/2014-15/regulations) page.

Change of School

To change from one school to another, you must submit a Change of School form in the dean’s office of the school you plan to enter or in College Student Academic Services (http://clas.ku.edu/undergrad) if you plan to enter the College. Follow the deadlines on the form. See the school’s requirements for admission.

Students applying for admission to the College from other schools in the university must meet the same minimum grade-point average requirements in KU attempted course work as continuing College students. Consult College Student Academic Services, Strong Hall, 1450 Jayhawk Blvd., Room 109, Lawrence, KS 66045-7518, 785-864-3500.

Credit/No Credit

A Credit/No Credit option is available to all degree-seeking undergraduates. You may enroll in 1 course a semester under the option, if the course is not in your major or minor. To exercise the option, you must fill out a card at the dean’s office of the school in which you are enrolled during the fifth and sixth weeks of the semester (or the third week of summer session and 8-week courses). See the Schedule of Classes (http://catalog.ku.edu/archives/2014-15) for current dates for electing this option. After the close of the option period, the choice cannot be changed. Under the option, a grade of Credit is recorded for grades of A, B, or C; No Credit is recorded for grades of D or F. Courses graded Credit or No Credit do not count in computing the grade-point average. Courses graded Credit are included in the total hours counted toward graduation. Courses graded No Credit do not count toward graduation. For more information, visit the KU Policy Library (https://documents.ku.edu/policies/governance/USRR.htm#art2sect2).

Warning: Certain undesirable consequences may result from exercising the option. Some schools, scholarship committees, and honorary societies do not accept this grading system and convert grades of No Credit to F when computing grade-point averages.

Students in the College must fill out a request in College Student Academic Services (http://clas.ku.edu/undergrad). The university-established timeline for exercising this option is strictly enforced.

Enrollment

See the Enrollment Guide (http://www.registrar.ku.edu/enrollment) for complete enrollment information.

New and Readmitted Student Enrollment

Immediately before the beginning of classes each term, an enrollment session is scheduled for new students. New students admitted for summer or fall term have an additional option of enrolling in fall courses during one of several summer orientation sessions. Invitations to orientation are sent automatically to newly admitted and readmitted students who applied for the spring, summer, or fall terms (except nondegree-seeking students). Readmitted students may attend a special abbreviated orientation session, may enroll during continuing enrollment, or may attend the enrollment sessions immediately before the start of the semester. Readmitted students whose readmission applications are completed by a designated date also may enroll during continuing enrollment, after meeting with an advisor. All students must preregister for orientation and enrollment sessions.

International students must complete the required check-in processes before enrollment and are encouraged to attend International Student Orientation, which includes advising and enrollment sessions.

Continuing Enrollment

This enrollment allows students who are currently enrolled during one term to enroll for the next term. Spring-enrolled students enroll in April for the following summer session or fall semester or both. Fall-enrolled students enroll in October or November for the following spring semester.
Late Enrollment

Each semester, the Schedule of Classes (http://catalog.ku.edu/archives/2014-15) announces dates for late enrollment and the last day to submit a Petition to Late Enroll. Petitions are evaluated based on past academic performance. A student may enroll in a course or change class sections after the semester has been in session for 4 weeks only if the course has met fewer than 25 percent of the class sessions. For most classes, the faculty have established earlier dates for beginning class attendance and participation. A fee is assessed for late enrollment.

Grading

The letters A, B, C, D, S (satisfactory), and Credit indicate passing work. The letters F and U (unsatisfactory) and No Credit indicate that the quality of work was such that, to obtain credit, the student must repeat regular course work. P represents satisfactory progress (an interim grade pending completion of a subsequent term’s course work). See the KU Policy Library (https://documents.ku.edu/policies/governance/USRR.htm#art2sect2) for more information.

Graduation with Honors

Undergraduates may earn honors upon graduation in 3 ways. The student may graduate with distinction or highest distinction, earn departmental honors in the major, or complete the University Honors Program (http://www.honors.ku.edu). It is possible to earn honors in 1 of these areas, any combination of them, or all 3. The award of honors is noted on the student’s transcript and in the Commencement program. Distinction and highest distinction are noted on the diploma.

Graduation with Distinction or Highest Distinction

The top 10 percent of each year’s graduating class is designated as graduating with distinction. Of these, the top one-third is designated as graduating with highest distinction. To be eligible, students must have completed at least 60 credit hours, graded A through F, in residence at KU. See Required Work in Residence below.

Graduation with Departmental Honors

Most departments and programs allow qualified majors to work toward graduation with departmental honors. Graduation with departmental honors is awarded in recognition of exceptional performance in the major, completion of a program of independent research or an alternative project, and a strong overall academic record.

In addition to the requirements of individual departments and programs (which must be approved by the College committee on undergraduate studies and advising), the College requires the following for graduation with departmental honors:

1. Candidates must declare the intention to work for departmental honors with the appropriate departmental honors coordinator(s) no later than the time of enrollment for the final undergraduate semester, but sooner if required by the department(s). Copies of the intent form should be returned to College Student Academic Services.

2. At the end of the final undergraduate semester, the candidate must have achieved an overall grade-point average of at least 3.25 and a grade-point average of at least 3.5 in the major. Both overall and major grade-point averages include work completed at other institutions, as well as at KU. No minimum grade-point average is required to declare candidacy for graduation with departmental honors unless specified by the department.

3. Each candidate’s departmental honors work must include independent research or an acceptable alternative project. The results of research are presented in a form appropriate to the requirements of the major department. Equivalents to the independent research component are established by approved departmental honors programs. In courses meeting the independent research requirement, the candidate must earn a grade of B or higher. Successful completion of all departmental honors requirements must be certified to the departmental honors coordinator(s) by a panel composed of at least three members of the College faculty who have read the report of the independent research and heard the oral presentation, where required.

Petitions

A department or program may petition to award graduation with departmental honors to deserving students who, for good reason, do not meet every College and departmental requirement. Send petitions to the committee on undergraduate studies and advising, College Student Academic Services (http://clas.ku.edu/undergrad).

Late Completion of Honors Requirement

Requirements for graduation with honors may be completed after the date on which certifications are requested from departments, and in some cases, requirements, if not needed for graduation, may be completed after a student has graduated. However, the Incomplete policy does apply and grades would lapse at the time of graduation. When a candidate finishes all requirements, departments must notify College Student Academic Services (http://collegesas.ku.edu) in writing.

Honor Roll

Undergraduates with grade-point averages of 3.5 who have completed at least 12 hours with letter grades are recognized on the honor roll or dean’s list in fall and spring. An Honor Roll notation appears on the transcript.

Honors Program

The University Honors Program (http://www.honors.ku.edu) provides opportunities for outstanding and creative undergraduates in all schools at KU to develop their full potential during their undergraduate years. See Honors (http://catalog.ku.edu/archives/2014-15/liberal-arts-sciences/#honorstext) in this section of the online catalog for further information.

Incompletes

The letter I indicates incomplete work, such as may be completed without re-enrollment in the course. The letter I should not be used when a definite grade can be assigned for the work done. It is not given for the work of a student in any course except to indicate that some part of the work has, for reasons beyond the student’s control, not been done, while the rest has been satisfactorily completed. At the time an I is reported on the electronic roster, the character and amount of work needed, as well as the date required for completion and lapse grade if further work is not completed by this date, should be indicated.

A student who has an I posted for a course must make up the work by the date determined by the instructor, in consultation with the student, which may not exceed 1 calendar year, or the last day of the term of graduation, whichever comes first. An I not removed according to this rule
automatically converts to a grade of F or U, or the lapse grade assigned by the course instructor, and appears on the student’s record. Extensions to the time limit may be granted by the dean’s representative upon submission of a petition from the student containing the endorsement of the course instructor who assigned the I grade, or the department chairperson if the instructor is unavailable, prior to the expiration of the Incomplete. After the I grade is converted to a grade of F or U, the grade may only be changed in accordance with USRR Article II, Section 3 (https://documents.ku.edu/policies/governance/USRR.htm#art2sect3).

Maximum and Minimum Undergraduate Semester Enrollment

No undergraduate may enroll for more than 20 hours a semester except by permission of the director of Student Academic Services. Summer enrollment is limited to 10 hours. Permission is not considered unless the student has demonstrated high levels of academic ability in previous semesters.

Prerequisites and Corequisites

Students are advised to enroll according to prerequisites and corequisites noted in individual course descriptions. These prerequisites are enforced in a variety of ways including blocking enrollment, administrative drops without notice, etc.

Probation

The College reviews all students’ records at the end of fall and spring semesters and summer term to determine their academic standing. Students must maintain a 2.0 cumulative KU grade-point average to be in good academic standing. Students below that average are placed on probation.

- Freshmen and Sophomores on Probation (between 0 and 59 completed hours): Each student in this category must earn a 2.0 KU term grade-point average until his or her cumulative KU grade-point average reaches 2.0, returning the student to good academic standing. Students who fail to meet these requirements are dismissed.
- Juniors and Seniors on Probation (60 or more completed hours): Each student in this category must earn a 2.5 KU term grade-point average until his or her cumulative KU grade-point average reaches 2.0, returning the student to good academic standing. Students who fail to meet these requirements are dismissed.

To return to the College of Liberal Arts and Sciences, the student must follow CLAS readmission guidelines.

Readmission after Dismissal

Students dismissed for the first time from the College of Liberal Arts and Sciences must wait at least 1 full fall or spring semester before returning to KU. Summer session does not count as a full semester. In addition, a dismissed student must demonstrate academic success by completing a minimum of 6 hours of transferable academic course work at another higher education institution. To be readmitted, students must maintain a 2.0 semester grade-point average until reaching good academic status to be allowed to continue in the College.

Students dismissed for the second time from the College of Liberal Arts and Sciences must wait at least one academic year before applying for readmission. In addition, a dismissed student must demonstrate academic success by completing a minimum of 12 hours of transferable academic course work at another higher education institution. To be readmitted, students must attain a grade-point average of 2.5 or higher in all hours taken after dismissal. All course work taken at every higher education institution is calculated into the grade-point average since dismissal, even if the student opted for that institution’s retake policy. If students are lacking ENGL 102 (or equivalent) and the second required math course (MATH 105, MATH 111, MATH 115, MATH 121, MATH 365 or BIOL 570 or an equivalent course), they must complete these courses during the dismissal period. Upon readmission, the student must maintain at least a 2.5 semester grade-point average until reaching good academic status to be allowed to continue in the College of Liberal Arts and Sciences.

Note: Students who are in their last 30 hours must meet with the readmission advisor in College Student Academic Services to discuss their options. A third dismissal is final.

Required Undergraduate Work in Residence

Junior/Senior Hours Required for Graduation

KU requires all students pursuing bachelor’s degrees to complete a minimum of 45 credit hours at the junior/senior level (courses numbered 300 and above). The College of Liberal Arts and Sciences requires that 30 of these 45 credit hours be completed in residence.

Hours in the Major: Maximums and Minimums

There is no limit on hours taken in the major for the B.A., B.G.S., or B.S. degree. Departments are not allowed to require more than 40 hours in the major for the B.A. or more than 50 hours in the major for the B.S. Some skills courses and supporting science courses are not included in this maximum limit. A minimum of 12 hours in the major must be in courses numbered 300 or above. At least 15 hours in each major(s) must be taken in residence at KU.

Time Limits

Undergraduates are strongly encouraged to complete the bachelor’s degree within 4 academic years. Students should complete a minimum of 30 credit hours each year. If a student is unable to complete 30 hours
in the fall and spring terms, summer enrollment should be strongly considered.

Students have a maximum of ten years to complete their undergraduate work in the College of Liberal Arts and Sciences under degree requirements in effect at the initial term of matriculation. Students experiencing a break in enrollment during these ten years will follow their curricular requirements at the point of matriculation provided that the break in enrollment does not exceed two calendar years. Students readmitted after two years are held to the curricular requirements in place at the term of readmission. Students maintaining continuous enrollment but who do not complete their degree requirements within ten years, may petition the College to complete their degree requirements under the curricular requirements in effect during the term of admission.

Transfer of Credit

CredTran (http://admissions.ku.edu/~admiss/credit/transfer) is a transfer course equivalency system that lists more than 2,200 colleges and universities from which KU has accepted transfer courses in the past. If your school or course is not listed, your evaluation will be completed when you are admitted to KU.

Only transfer grades of C or higher contribute to total hours earned for students entering KU in spring 1990 or after, and for courses taken in spring 1990 or after by all students. For questions about transfer work fulfilling College requirements, contact College Student Academic Services (http://clas.ku.edu/undergrad), 109 Strong Hall.

Graduate University Regulations

The pursuit of graduate study in the College of Liberal Arts and Sciences at KU is governed by department- or program-specific policy, College policies and procedures, Graduate Studies policies, and University Senate Rules and Regulations. Information on the most frequently consulted policies is contained in this section. Students should also consult the academic unit’s handbook, Graduate Studies and College sections of the KU Policy Library, and the Graduate Studies and University of Kansas Regulations sections of the online catalog.

Academic and Research Integrity

The College of Liberal Arts and Sciences strictly enforces KU and College policies on academic and scholarly misconduct. Academic integrity requires honest performance of academic and research responsibilities by students. These include, but are not limited to, ethical preparation of assignments, reports, and research papers; completion of examinations; ethical treatment of human and animal subjects; execution of administrative requirements; and a sincere and conscientious effort by students to abide by the policies set forth by instructors and research advisors.

Enrollment

Full-time, Half-Time and Part-Time Enrollment

Graduate Studies defines full-time enrollment as 9 credit hours in Fall or Spring semester and 6 hours in the summer session. Maximum enrollment for graduate students, except in rare instances, is 16 hours in Fall or Spring semester and 9 hours in the summer session. Please see the Full-time Enrollment for Graduate Students policy in the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) section of the online catalog and the KU Policy Library (http://www.policy.ku.edu/office.shtml#16) for more information on what constitutes full-time, half-time, and part-time enrollment, including variations on this policy for GTA/GRA/GA appointments and active duty military. At a minimum, all graduate students should be continuously enrolled in the Fall and Spring semesters while completing the credit hours required for the fulfillment of their degrees. Please consult the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) section of the online catalog and the KU Policy Library (http://www.policy.ku.edu/office.shtml#16) for other enrollment regulations.

Continuous Enrollment for Master’s Students

All master’s students in the College who have completed the required coursework for their degrees must be continuously enrolled in the Fall and Spring semesters until all remaining requirements for the degree, including thesis when applicable, are completed. No enrollment is required during the summer session unless it is the semester during which the student will graduate, in which case enrollment is required. Certain academic units have rules governing summer enrollment.

Post-Comprehensive Enrollment for Doctoral Students

After passing the Comprehensive Oral Exam, doctoral candidates must be continuously enrolled. During this time, until all requirements for the degree are completed (including the filing of the dissertation) or until 18 post-comprehensive hours have been completed (whichever comes first), the candidate must enroll for a minimum of 6 hours a semester and 3 hours a summer session. At least one of these hours must be in dissertation or approved dissertation equivalent coursework.

In addition, the College requires a period of at least 5 months to elapse between the comprehensive oral exam and the final exam. Students that have completed all degree requirements before completing 18 hours are still required to continue enrollment until this 5-month requirement has been met.

Upon completion of the 18-hour requirement, a student’s level of enrollment should reflect as accurately as possible the faculty time he or she utilizes. This may be as little as one hour per semester.

Special enrollment requirements apply to those with GTA/GRA/GA appointments. Please consult the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) section of the online catalog and the KU Policy Library (http://www.policy.ku.edu/office.shtml#16).

Lapses in Enrollment

Generally, no student is allowed to enroll after the first 4 weeks of a semester or the first 2 weeks of a summer session. If a student does not intend to enroll, he or she must determine the appropriate course of action in consultation with the department or program.

The student may elect to Voluntarily Discontinue from the program, and must inform the department or program in writing of this decision, which will in turn file the necessary forms with the College. This option requires the student to seek re-admission to the program if they choose to return at a future date. They remain eligible to seek admission to another department or program in the College.

The student may also petition for a Leave of Absence of up to one calendar year. If granted, the Leave of Absence maintains the student’s place in the program. Leave of Absence petitions must be filed by the department or program and provide evidence of the department or
program’s endorsement of the student’s petition. Students interested in this option should begin by consulting with their advisor.

The time spent on Leave of Absence does not count toward the student’s time to degree, and therefore does not shorten the time available to complete their degree requirements. Similarly, if a student that has elected to Voluntarily Discontinue subsequently returns to the program, the time that has elapsed since his or her last enrollment does not count toward the time to degree.

Students who fail to enroll without completing the Voluntary Discontinuance process or without being granted a Leave of Absence are reviewed by the College Office of Graduate Affairs and the students’ academic units for possible dismissal. Any time that accrues during these lapses of enrollment in which the student does not occupy any approved enrollment category (e.g., Enrolled, Voluntarily Discontinued, On Leave) is counted toward the time to degree.

Students on an international student visa should consult with the International Programs office prior to any change in enrollment status.

Please see Graduate Studies policies governing Leave of Absence and Voluntary Discontinuance in the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) section of the online catalog and in the KU Policy Library (http://www.policy.ku.edu/office.shtml/#16).

**Dual Enrollments**

Students enrolled in two schools or working on two degrees at the same time must complete the work for both degrees. Courses may not be counted toward both degrees, except in the joint degree programs that have been established (e.g., M.P.A./J.D., M.A. in Economics/J.D., M.B.A./M.A. in Area Studies, etc.). Please refer to the Combined Degrees information in the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) section of the online catalog for a complete list of approved joint degree programs.

**University Regulations on Grading**

Article II of the University Senate Rules and Regulations provides detailed information on regulations governing the grading of graduate coursework. Students should also consult the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) section of the online catalog and the KU Policy Library (http://www.policy.ku.edu/office.shtml/#16) for more information on the Grading Policy.

The following are of particular relevance for graduate students in the College:

**Passing Grades for Graduate Coursework**

Only courses graded C or above are considered passing and may be counted for graduate credit. Courses graded C-, D or F may not be used to fulfill degree requirements.

**Incomplete (I) and Waiting Grades (WG)**

Incomplete (I) grades are used to note, temporarily, that students have been unable to complete a portion of the required course work during that semester due to circumstances beyond their control. Incomplete work must be completed and assigned an A-F or S/U grade within the time period prescribed by the course instructor. After one calendar year from the original grade due date, an Incomplete (I) grade will automatically convert to a grade of F or U, or the lapsed grade assigned by the course instructor.

Waiting Grades (WG) are placeholders and should only be used in rare instances when, for reasons beyond his or her control, an instructor is not able to assign a course grade by the deadline.

**Credit/No Credit (CR/NC)**

Graduate students may select the Credit/No Credit option only for those courses that do not fulfill a degree requirement. This includes courses used to fulfill the Research Skills and Responsible Scholarship requirement. Students should consult with their advisor prior to electing the CR/NC option.

**College-Specific Grading Policy**

**Plus/Minus (+/-) Grades**

Plus/minus (+/-) grades may be used in the College. The plus or minus sign describes intermediate levels of performance between a maximum of A and a minimum of F. Intermediate grades are calculated as 0.3 units above or below the corresponding letter grade.

**Participation (P) Grades**

Use of the Participation (P) grade is restricted in the College. It is only approved for a limited number of courses for which special permission has been sought. When permission is granted, it is only used to indicate participation in thesis, dissertation, or research enrollments (related to thesis or dissertation), or in the first semester enrollment of a two-semester sequence course. In any semester, the instructor may elect to assign a letter grade of A, B, C, D, or F when evidence about performance is available. A letter grade (A, B, C, D, or F) must be assigned in the last semester of enrollment to characterize the quality of the final product.

A-F or S/U grades are used in all other courses, including those that are repeated across semesters. The latter include courses in which students are collecting, assembling, or analyzing data; reviewing a research or scholarly literature; creating portfolios; or writing theses or dissertations (e.g., research, thesis, and dissertation hours). Students in these courses are expected to develop plans of study with their instructors and to contact these instructors throughout the semester to discuss their progress or changes in their plans. Instructors assign grades each semester based on the quantity and quality of the work students complete that semester. The grades that students receive in the last semester of these courses (e.g., for completing data analyses and literature reviews, exhibiting portfolios, defending theses or dissertations) apply only to that semester.

If a department or program has a course for which the P grading system may be more appropriate than the A-F or S/U grading system, it must seek special approval from the College.

**Incompletes (I) and Waiting Grades (WG)**

The College does not allow graduate students to take oral comprehensive or final examinations or to go forward with a thesis or dissertation defense if a waiting grade (WG) or an incomplete (I) grade is listed on the student’s transcript.

**Probation and Dismissal Guidelines**

To be in good standing, a student must maintain a 3.0 cumulative grade-point average and be making satisfactory progress toward the degree, as determined by the department or program.
If the grade-point average falls below 3.0, the department or program notifies the student in writing that they are being recommended for probation and outlines the expectations of the graduate program and the College that the student must meet to return to good standing. This is followed by a letter from the College confirming their probationary status.

When the rationale for probation is based on grade-point average, a student is typically placed on probation for 1 academic semester. If the cumulative grade-point average has not risen to 3.0 at the end of that semester, the student can either be dismissed or be allowed to continue on probation, depending on the department or program’s assessment of the student’s progress.

Students may also be placed on probation for failing to make satisfactory progress toward the degree. This may include, but is not limited to, failed exams or failure to make adequate and timely progress on the dissertation or thesis.

A graduate student is dismissed upon recommendation of the student’s department or program. This typically occurs when a student fails to raise the grade point average to 3.0 after one or more semesters of probation, or otherwise fails to meet the terms of the probationary period. Academic dismissal should occur before a semester begins. If a student is dismissed during the semester, the dismissal is effective only at the end of the semester in which the department or program gives notification of dismissal. The department or program will notify the student in writing of the reasons for their dismissal. This will be followed by a letter from the College confirming the dismissal from the program and from the College.

In cases when a student’s grade point average is so low that their ability to ever achieve the 3.0 grade-point average required for graduation is in serious doubt, the department or program should move to dismissal. If they wish to allow the student to continue, they must petition the College on the student’s behalf.

A student who has been dismissed from a graduate department or program in the College is not eligible for readmission to graduate study in any department or program in the College of Liberal Arts and Sciences.

**Time Limits**

The University and the College have established time limits governing various stages of the graduate student career.

**Maximum Time to Count Required Course Work**

Courses completed at the University of Kansas, or transfer credits from another university, are valid for a period of 10 years. Courses that were completed more than 10 years before the scheduling of the final defense may not be used to fulfill graduate degree requirements in the College of Liberal Arts and Sciences.

With the endorsement of their graduate programs, students may petition the College to accept out-of-date course work to fulfill the requirements for their graduate degrees, provided they are able to justify why this course work meets the current standards of scholarship in the discipline.

**Maximum Time to Submit Thesis or Dissertation**

Students must make all final revisions and file the final version of the thesis or dissertation manuscript to UMI/Proquest within six months of the date of final presentation and/or defense of the thesis or dissertation work. Until the final manuscript of a thesis or dissertation is filed, the student must be enrolled in accordance with enrollment policy. Graduate students in the College who do not file the final manuscript within the six-month time limit must enroll in 3 hours a semester until the thesis or dissertation is completed and filed.

**Maximum Time to Complete the Degree**

Graduate Studies has established time limits on master’s and doctoral degree completion. Please see Graduate Studies policies on Doctoral Program Time Constraints and Master’s Program Time Constraints in the Graduate Studies (http://catalog.ku.edu/archives/2014-15/graduate-studies) sections of the online catalog and in the KU Policy Library (http://www.policy.ku.edu/office.shtml/#16) for full details.

Master’s degree students have a total of seven calendar years, excluding any periods of absence due to an approved leave of absence or voluntary discontinuation from a program, in which to complete the work for a master’s degree.

Doctoral degree students have a total of eight calendar years, excluding any periods of absence due to an approved leave of absence or voluntary discontinuation from a program, to complete the Ph.D. This includes students who enter with a master’s degree from an institution other than KU and bachelor’s degree holders who bypass the master’s and are admitted directly to a Ph.D. program.

Students who complete the master’s degree at KU and subsequently begin doctoral studies have 10 years to complete both degrees.

A time limit extension may be granted by the College. All extension petitions require the department to prepare and file a Graduate Degree Completion Agreement, which must then be approved by a designated subcommittee of the Committee on Graduate Studies. Per Graduate Studies policy, extensions may be granted for up to one year. However, additional time may be requested in the Completion Agreement. If the Completion Agreement is approved, subsequent petitions will receive an expedited review.

**Academic units may set their own, more rigorous time limits.** Consult with your advisor and review your academic unit’s handbook and the relevant Departments and Programs section of the online catalog for program-specific information, requirements, and restrictions.

**Graduation**

All graduate students must be enrolled the semester they complete all degree requirements.

Graduate Studies establishes an early deadline for degree completion for each semester and summer session, usually occurring at the end of the first 2 weeks of a semester or the end of the first week of summer session. If the student meets all degree requirements including the submission of all required documentation by this date, they are not required to enroll for that semester.

The final Graduate Application for Graduation Deadline is set by the Registrar for each semester. Please consult the official Academic Calendar for specific dates. To be eligible for graduation, an application for degree must be submitted and all degree requirements met by this deadline. This includes the submission of all required documentation to the College Office of Graduate Affairs. See the Graduation section of the COGA (http://clas.ku.edu/coga/graduation) website for more information.
Graduation with Distinction or Highest Distinction

The top 1 percent of each year’s graduating class is designated as graduating with distinction. Of these, the top one-third is designated as graduating with highest distinction. To be eligible, students must have completed at least 60 credit hours, graded A through F, in residence at KU. See Required Work in Residence below.

Graduation with Departmental Honors

Most departments and programs allow qualified majors to work toward graduation with departmental honors. Graduation with departmental honors is awarded in recognition of exceptional performance in the major, completion of a program of independent research or an alternative project, and a strong overall academic record.

In addition to the requirements of individual departments and programs (which must be approved by the College committee on undergraduate studies and advising), the College requires the following for graduation with departmental honors:

1. Candidates must declare the intention to work for departmental honors with the appropriate departmental honors coordinator(s) no later than the time of enrollment for the final undergraduate semester, but sooner if required by the department(s). Copies of the intent form should be returned to College Student Academic Services.

2. At the end of the final undergraduate semester, the candidate must have achieved an overall grade-point average of at least 3.25 and a grade-point average of at least 3.5 in the major. Both overall and major grade-point averages include work completed at other institutions, as well as at KU. No minimum grade-point average is required to declare candidacy for graduation with departmental honors unless specified by the department.

3. Each candidate’s departmental honors work must include independent research or an acceptable alternative project. The results of research are presented in a form appropriate to the requirements of the major department. Equivalents to the independent research component are established by approved departmental honors programs. In courses meeting the independent research requirement, the candidate must earn a grade of B or higher. Successful completion of all departmental honors requirements must be certified to the departmental honors coordinator(s) by a panel composed of at least three members of the College faculty who have read the report of the independent research and heard the oral presentation, where required.

Graduate Awards

The College of Liberal Arts and Sciences offers several awards to recognize outstanding graduate students, faculty service, teaching excellence, and exemplary advising. Below, you will find a brief description of each award. More specific information about eligibility and the call for nominations each year can be found on the College’s website under Faculty Awards (http://clas.ku.edu/resources/faculty-staff/awards) and Graduate Student Awards (http://clas.ku.edu/resources/faculty-staff/awards).

Graduate Student Awards

Howard J. Baumgartel Peace and Justice Award

This is an annual award to support a graduate student in the College or the School of Business for thesis or dissertation research whose interests, achievements, and talents are in the peace and justice field.

Outstanding Thesis/Research Project Award

The Committee on Graduate Studies in the College has established 2 annual awards for students receiving a master’s degree. The awards carry a $500 stipend. Students are nominated for the award by their advisors. Each department may nominate one master’s student for each award.

Graduate Faculty Awards

Byron A. Alexander/John C. Wright Graduate Mentor Awards

Graduate students (current or those who have graduated since May of the calendar year prior to the award deadline) may nominate any tenured or tenure-track faculty member in the College of Liberal Arts and Sciences who has served as an outstanding mentor.

Career Achievement Teaching Award

This annual award recognizes a retired faculty member in the College of Liberal Arts and Sciences who has made a significant contribution to the teaching of College students at either the undergraduate or graduate level.
and who has distinguished him/herself through excellence in teaching. The award amount is $1,000.

**African African-American St Courses**

**AAAS 102. Arabic and Islamic Studies. 3 Hours. NW/SC AE42/GE3H/GE3S / U.**
An introduction to the study of Islam and the Arabic language in relation to Islamic cultures in Africa, the Mediterranean region, and beyond. Topics covered include the historical origins of Islam in relation to the Arabic language and its cultures of origin. This course is interdisciplinary, including attention to the topic from the perspectives of historical unfolding of both the language and religion, geographic and cultural perspectives, political and economic concerns, and aesthetic perspectives, including literature and the arts. LEC.

**AAAS 103. Introduction to Africa. 3 Hours. NW/SC GE3H/GE3S / S/W.**
An introduction to the interdisciplinary study of African cultures and societies focusing on contemporary life on the continent. Topics to be covered include the geography, history, politics, and economics of the continent, as well as the religion, languages and literatures, music, and the arts. The interdisciplinary perspective will provide students with a sound basis for understanding contemporary African societies. LEC.

**AAAS 104. Introduction to African-American Studies. 3 Hours. SC AE41 / U.**
Interdisciplinary introduction to the basic concepts and literature in the disciplines covered in African American Studies. Includes the social sciences, and humanities (including history, religion, and literature) as well as conceptual framework for investigation and analysis of Black history and culture and society. LEC.

**AAAS 105. Introduction to African History. 3 Hours. NW GE11/GE3H / H/W.**
An introduction to important historical developments in Africa, mainly south of the Sahara. Topics will include pre-history, empires, kingdoms and city-states, the slave trade, southern Africa, partition and colonialism, the independence era, military and civilian governments, and liberation movements. Approaches will include literature, the visual arts, politics, economics, and geography. (Same as HIST 104.) LEC.

**AAAS 106. The Black Experience in the Americas. 3 Hours. HT AE41 / H/W.**
An interdisciplinary study of the history of the African peoples of the New World, relating their cultures and institutions to the African background and to their peculiar New World experiences up to and including the nineteenth century. While the main emphasis will be on the U.S.A., attention will also be paid to the Caribbean and Latin America. Approaches will include demography, economics, social and political developments, literature, and music. LEC.

**AAAS 115. Introduction to African History, Honors. 3 Hours. NW GE3H / H.**
An intensive version of AAAS 105/HIST 104. An introduction to important historical developments in Africa, mainly south of the Sahara. Topics include early history, empires, kingdoms and city-states, the slave trade, southern Africa, partition and colonialism, the independence era, military and civilian governments, and liberation movements. Approaches include literature, the visual arts, politics, economics, and geography. Open only to students in the University Honors Program or by consent of instructor. (Same as HIST 111.) LEC.

**AAAS 116. The Black Experience in the Americas, Honors. 3 Hours. HT AE41 / H.**
An intensive version of AAAS 106. Open only to students on Dean’s Honor Roll or enrolled in Honors Program, or consent of instructor. LEC.

**AAAS 117. First Year Seminar: ____. 3 Hours. GE11 / U.**
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in African-American Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

**AAAS 200. Directed Studies. 3 Hours. U.**
This course is designed for the study of special topics related to Africanan at the freshman/sophomore level. It prepares students for continued practice in cultural reading and writing and for the academic rigor that awaits them at the upper levels. Prerequisite: Consent of department. IND.

**AAAS 300. African Traditional Religion and Thought. 3 Hours. NW / H/W.**
A study of African traditional religious beliefs, systems and practices and how these have conditioned spiritual, moral and social values, attitudes, social relationships and institutions, art, literature and music. Topics covered include the African world-view, concepts of birth, life, marriage, death and reincarnation; the concurrent practice or monothemism, polytheism and the cult of the ancestors; and the extent of relevance to Black societies in the New World. Prerequisite: AAAS 103 or AAAS 105 or AAAS 106 or consent of instructor. LEC.

**AAAS 301. Portrait of a Third-World Nation: Haiti. 3 Hours. NW / H/W.**
Case study of Third-World problems and aspirations through the first Black nation to win independence from colonialism. Topics include: profile of the Third World; Caribbean diversity; the Columbian exchange; piracy; slavery and plantocracy; Revolution and the burden of freedom; U.S. occupation; Papa Doc, Baby Doc, and the Tontons Macoute; Liberation theology; peasant life; government and corruption; poverty and hunger; morality of foreign aid; Voodoo; folk medicine. No knowledge of Haitian or French required. Students may not receive credit for both HAIT 200 and AAAS 301. LEC.

**AAAS 302. Contemporary Haiti. 3 Hours. NW.**
Detailed analysis of recent Haitian history. The focus will include interactions between religion, social structure, politics, economics and international relations. (Same as HAIT 300.) Prerequisite: AAAS 301/HAIT 200, or consent of instructor. LEC.

**AAAS 303. Peoples and Cultures of North Africa and the Middle East. 3 Hours. NW / S.**
This course familiarizes students with the peoples and cultures of North Africa and the Middle East. It examines the cultural, demographic, and religious diversity of the region, as well as the development of the early Islamic community and the formation of Islamic institutions. Issues such as religion and politics, inter-religious relations, nation-building, Islamic response to colonialism, Palestinian-Israeli conflict, Islamic resurgence, secularism, democratization, and gender, are also explored. (Same as ANTH 303.) LEC.

**AAAS 305. Modern African History. 3 Hours. NW AE42 / H/W.**
A survey of social, political, and economic developments during the colonial era and independence struggles, followed by a closer
examination of the contemporary experience in a selected country or region. (Same as HIST 300.) LEC.

AAAS 306. The Black Experience in the U.S. Since Emancipation. 3 Hours.
An interdisciplinary study of the history and culture of Black people in America from Reconstruction to the present. Topics covered include an analysis of Reconstruction, Black leaders, organizations and movements, the Harlem Renaissance, migration, and race relations. Demographic variables covered include socio-economic class, education, political persuasion, and influence by avant-garde cultural changes. LEC.

AAAS 307. Modern African History, Honors. 3 Hours. NW AE42 / H.
An intensive version of AAAS 305. A survey of social, political and economic developments during the colonial era and independence struggles, followed by a closer examination of the contemporary experience in a selected country or region. Open only to students admitted to the University Honors Program, or by consent of the instructor. (Same as HIST 307.) LEC.

AAAS 316. Ministers and Magicians: Black Religions from Slavery to the Present. 3 Hours. H.
This course examines the history and diversity of African American religious expression from slavery until the present, emphasizing both mainstream and alternative faiths. It covers the religious world views of enslaved Africans, and examines faiths inside and outside of Christianity. Topics may include: independent black churches, magical practices, the Holiness and Pentecostal movements, black Islam, religious freemasonry, and esoteric faiths. The class emphasizes the influence of gender, class, race, migration, and urbanization on black religion. (Same as AMS 316 and HIST 316.) LEC.

AAAS 317. African American Women: Colonial Era to the Present. 3 Hours. H.
This interdisciplinary course covers the history of African American women, beginning in West and Central Africa, extending across the Middle Passage into the Americas, and stretching through enslavement and freedom into the 21st century. The readings cover their experiences through secondary and tertiary source materials, as well as autobiographies and letters, plays and music, and poems, novels, and speeches. (Same as AMS 317, HIST 317, and WGSS 317.) LEC.

AAAS 320. African Studies In: ____. 3 Hours. NW AE42 / H/W.
Lecture and discussion course in African area of current interest. May be repeated for credit toward the major. Prerequisite: AAAS 103 or AAAS 105 or consent of instructor. LEC.

AAAS 321. African Studies In, Honors: ____. 3 Hours. H/W.
Lecture and discussion course in African area of current interest. May be repeated for credit toward the major. Only open to students admitted to the University Honors Program or with permission of the instructor. Prerequisite: AAAS 103 or AAAS 105 or AAAS 115 or consent of instructor. LEC.

AAAS 322. Legal Issues and the African American. 3 Hours. H.
This course examines civil issues in African-American communities and populations, and their legal ramifications. Topics such as the penal system, court sentencing, death penalty, cultural norms, law enforcement and civil liberties are critically examined within social and humanistic theories. LEC.

AAAS 323. African-American Studies In: ____. 3 Hours. H.
Lecture and discussion course in African-American area of current interest. May be repeated for credit toward the major. Prerequisite: AAAS 106 or consent of instructor. LEC.

AAAS 324. African-American Studies In, Honors: ____. 3 Hours. H.
Lecture and discussion course in African-American area of current interest. May be repeated for credit toward the major. Only open to students admitted to the University Honors Program or with permission of the instructor. Prerequisite: AAAS 106 or AAAS 116 or consent of instructor LEC.

AAAS 325. Popular Black Music. 3 Hours. H.
This is a comparative study of popular music produced in Africa, and the African Diaspora. The praxis, theories, histories, forms, artists and audiences are discussed. LEC.

AAAS 327. African American Culture. 3 Hours.
This course defines African American culture and seeks to identify ways in which it is distinct, both in terms of its roots and ongoing evolution. LEC.

AAAS 328. African American Urban Community and Class in the Midwest. 3 Hours. H.
This course provides historical perspective on African Americans and the politics of economic class within black urban spaces from the end of Reconstruction to the post-World War II era. It focuses on the development of an upwardly mobile urban black middle class, and impoverished black urban "underclass," since the 1960s. Students are encouraged to successfully completed one of three courses: AAAS 104, AAAS 106, or AAAS 306. (Same as HIST 383.) LEC.

AAAS 330. Black Leadership. 3 Hours. H.
The course focuses on the concept of leadership and on Black leadership in the United States. An in-depth analysis of selected case studies of Black leaders both historical and contemporary. Some attention will be given to the dispersion of Africans into the Americas and the leadership that emerged, conditioned both by environmental factors and the psychology engendered by the system of slavery. Selected successful Black leaders will be invited to visit the class from time to time. (Same as AMS 340.) LEC.

AAAS 332. Introduction to African Literature. 3 Hours. NW AE42 / H/W.
Reading, analysis, and discussion of contemporary fiction, poetry, and drama from sub-Saharan Africa. Brief attention is paid to historical development and to traditional literature. (Same as ENGL 326.) Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

AAAS 333. Introduction to Caribbean Literature. 3 Hours. AE42 / H/W.
Reading, analysis and discussion of fiction, poetry, and drama from the Caribbean, including a small selection of Spanish, French, and Dutch Antillean works in translation. (Same as ENGL 339.) Prerequisite: ENGL 102 and one 200-level English course or consent of instructor. LEC.

AAAS 334. Introduction to African Dance Theatre. 2 Hours. NW / U.
Introduction to the general techniques of non-verbal theatrical conventions in African cultures. Practical training in movement vocabulary supplemented by lectures on the "text" of performance. There will be an end of semester "studio performance." (Same as DANC 230 and THR 226.) LEC.

AAAS 335. Introduction to Southern African Literature. 3 Hours. NW / H/W.
This course deals with the literatures of the southern Africa region, including works by both women and men from South Africa, Botswana, Lesotho, Zaire, Zimbabwe, and Mauritius. Course includes close attention to the political and cultural bases of social conflict in the region. LEC.
AAAS 336. Introduction to African Literature, Honors. 3 Hours. NW / H/W.
Reading, analysis and discussion of contemporary fiction, poetry, and drama from Africa. Brief attention is paid to historical development and to traditional literature. Prerequisite: Open only to students admitted to the University Honors Program or with consent of instructor. Not open to students who have taken AAAS 332. LEC.

AAAS 340. Women in Contemporary African Literature. 3 Hours. NW AE42/GE3S / H.
A critical study of issues and questions raised about women in contemporary African literature and implications for the larger society through the analysis of theme, language, characterization, roles and functions of women in selected works. (Same as WGSS 330.) LEC.

AAAS 345. Popular Culture in Africa: Spiritual Thrills, Romance and Sexualities. 3 Hours. H.
This course examines how the different constituents of popular culture mobilize, construct and structure gender, and spiritual and sexual identities in select contemporary African countries. Discussions also focus on how popular culture mediates the contesting spaces of indigenous local constructs and the pull and pull of global forces to create geographic and contemporary specificities. (Same as WGSS 345.) LEC.

AAAS 349. Islam. 3 Hours. NW AE42/GE3S / H/W.
Islam’s Origins, the prophet Muhammed, the Holy Koran, religious symbols and moral mandates, and historical developments. (Same as REL 350.) LEC.

AAAS 350. Physical Geography of Africa. 3 Hours. N.
This course is a survey of the basic physical features of the African continent including structure and relief, rivers and lakes, soils and mineral resources. It includes characteristics and processes of African climates, and the ecology of Africa’s four major biomes: tropical rain forest, savanna, steppe, and desert. Climatic and environmental variations of the past, emergence of humankind, and development of pastoral and farming systems are discussed. Contemporary environmental concerns also include deforestation and desertification, the impacts of drought, methods for monitoring African environments, and Africa’s prospects in a 21st century suffering from global warming. (Same as GEOG 350.) LEC.

AAAS 351. Africa’s Human Geographies. 3 Hours. NW AE42/GE3S / S/W.
An introduction to historical, cultural, social, political, and economic issues in Africa from a geographic perspective. The course begins with the historical geography of humanity in Africa, from ancient times through to the present. Other topics include cultural dynamics, demography, health, rural development, urbanization, gender issues, and political geography. Case studies from Eastern and Southern Africa will be used to illustrate major themes. (Same as GEOG 351.) LEC.

AAAS 353. Modern and Contemporary African Art. 3 Hours. H.
In this course, we examine the development of artistic modernisms in Africa in historical context. We also study the content, production, patronage, and display of modern and contemporary African art. In doing so, we consider African artists’ engagement with modernity, globalization, and contemporary issues, as well as interrogate influential myths and assumptions regarding African artists and the work they produce. Course themes include the workshop as a critical site, independence movements and the creation of national art forms, art as global commodity, and art in resistance, remembrance, and revolution. (Same as HA 353.) LEC.

AAAS 355. African Theatre and Drama. 3 Hours. NW / H/W.
A study of the origin and development of continental African theatre and its affinity to the Levant. Traditional, colonial and contemporary dramatic theories and experiments will be examined in play selections. (Same as THR 326.) LEC.

AAAS 356. African-American Theatre and Drama. 3 Hours. H.
A historical study of Black theatre in the U.S.A. from its African genesis to its contemporary Americanness. Epochs in African-American dramaturgy will be critically examined. (Same as THR 327) LEC.

AAAS 370. Introduction to the Languages of Africa. 3 Hours. NW AE42/GE3S / H/W.
A survey of the indigenous languages of Africa from a linguistic perspective, covering the main language families and their geographic distribution, and focusing on the features and structure of the more widely spoken and representative languages in each family (e.g., Fula, Hausa, Maninka, Swahili, Yoruba). (Same as LING 370.) LEC.

AAAS 372. Religion, Power, and Sexuality in Arab Societies. 3 Hours. NW / S.
This course examines theories of religion, discourse, power, gender and sexuality in their application to Arab societies. The course introduces different aspects of Arab cultures. Through canonical works, we study political domination, tribal social organization, honor, tribe, shame, social loyalty, ritual initiations and discuss how these issues speak generally to anthropological inquiry. Regionally specific works are then framed by an additional set of readings drawn from anthropological, linguistics, and social theories. (Same as ANTH 372.) LEC.

AAAS 376. West African Art. 3 Hours. NW / H/W.
Introduction to the rich visual art traditions of West Africa. Emphasis is given to the major art-producing cultures of the Western Sudan and the Guinea Coast, including the pre-historic cultures of Nigeria, Mali, and Ghana. The diverse forms of figure sculptures and masquerade performance and meanings of these arts in historical and cultural contexts are examined. (Same as HA 376.) LEC.

AAAS 386. The Black Woman. 3 Hours. S/W.
An interdisciplinary study of the role of Black women in our society, from the African background through the plantation experience to the present. Prerequisite: One course in the social sciences and/or humanities or consent of instructor. LEC.

AAAS 400. Readings in: _____. 3 Hours. U.
Investigation of a subject selected by a student in consultation with a departmental adviser and conducted under supervision. Individual reports and conferences. Open only to students who have completed at least six credit hours in African and African-American studies. Cannot be repeated for credit. Prerequisite: Consent of instructor. IND.

AAAS 415. Women and Islam. 3 Hours. H/W.
Addresses the widely-held stereotype of Muslim women as pawns in a patriarchal socio-religious context. Investigating the Muslim cultures of certain regions, the course will examine the manner in which indigenous culture was influenced by the introduction of Islam and the historical impact of Islam on women’s social roles. Focusing principally on social change in the 20th century, the course will consider how socio-political change affects religious roles where religion is integrally involved in daily life. To what extent is individualism valued, and how are the pressures of late 20th century life mediated? The course will draw on texts from history, sociology, and literature. Prerequisite: REL 107 or AAAS 349/REL 350 or consent of instructor. LEC.

AAAS 420. Intercultural Communication: The Afro-American. 3 Hours. AE41 / H.
An examination of the barriers to effective communication between Black Americans and non-Black Americans. (Same as COMS 447.) Prerequisite: Skills in basic composition essential. LEC.
AAAS 429. Postcolonial Theatre and Drama. 3 Hours. NW AE42 / GE35 / H.
The course develops an understanding of the postcolonial concept and its different manifestations in theatre and drama across nations and cultures. It approaches postcolonialism as a way of reading theatre, and as a genre within theatre by exploring how the "colonial project" has reconfigured the concept, content, and context of theatre in both colonized and colonizing cultures. In addition to the study of postcolonial playwrights and their works, the course is also an introduction to postcolonial theory and its critics. (Same as THR 429.) LEC.

AAAS 432. Francophone African Literature. 3 Hours. NW AE42 / GE35 / H/W.
This course is an introduction to 20th century African literature written in French, covering selected works by major authors from both sub-Saharan Africa and the Maghreb. Attention will be given primarily to the novel, although some poetry will also be read. Topics and themes include negritude, African identity in the wake of colonialism, Islam, and women's writing. Classes will be conducted in English. Students may read the texts in French or in translation. (Same as FREN 432.) Prerequisite: ENGL 102 and a 200-level English course. LEC.

AAAS 433. Islamic Literature. 3 Hours. NW / H/W.
This course focuses on literature that reflects Islamic culture from its inception to contemporary times. Beginning with attention to the importance of the spoken word in the establishment of Islam, course readings and lectures follow the place of literary works in confirming Islamic perspectives. Readings include selections from the Qur'an, classical works of poetry and narrative, and contemporary autobiography. Authors are from Africa and the region of the Golden Age of Islam, including the best known: al-Ghazali (d.1111 C.E.), Attar (d. circa 1193-1235), Ibn Arabi (d. 1240 C.E.), Rumi (d. 1273), Saadi (d.1291), Hafiz (d. 1389 C.E.), and Shah (contemporary), as well as readings by and about less well known Muslim women scholars and Sufis in all historical periods. Readings are all in English translations. LEC.

AAAS 434. African Women Writers. 3 Hours. NW / H/W.
This course focuses on four decades of African women's writing from all regions of the continent. Works included deal with a wide variety of issues relevant to African women, as well as universal issues of conceptions of gender roles, and the struggle to attain personal rights and freedom within traditional cultural frameworks. LEC.

AAAS 435. Muslim Women's Autobiography. 3 Hours. NW / N/W.
This course examines the realities of Muslim women's experiences as conveyed in their own voices. Works are drawn from all over the world, from Africa and the Middle East to Europe and the U.S. and cover the nineteenth and twentieth centuries. LEC.

AAAS 440. The Afro-American Family: A Psychological Approach. 3 Hours. S.
The examination of the structure, values, and behavior patterns of the contemporary African-American family as influenced by African cultures and kinship systems and the institution of slavery in association with other factors. Social and psychological forces that have enhanced or blocked family survival, stability, and advancement will be explored. The orientation of Black family life will emphasize its strengths, weaknesses, adaptations, strong kinship bonds, and equitable family roles. LEC.

AAAS 445. Arab Thought and Identity. 3 Hours. NW / N/W.
The intention of this course is to present a comprehensive portrait and a deeper understanding of the Arab society and its cultural background. We will focus on the debate that is still raging about traditionalism versus modernity, and authenticity (assala) and specificity (Khususiyya) versus westernization. Moreover, we will discuss the question of Arab identity which manifests itself through a sense of belonging and diversity of affiliations, and relies as well on shared culture and its variations, and shared place in history and common experiences. It is designed for any student interested in this ethnic group. LEC.

AAAS 450. Popular Culture in the Muslim World. 3 Hours. NW / H.
A study of pop songs, television, comics, and other idioms of popular culture from different parts of the Muslim world, with attention to Muslims' sense of humor, tragedy, aesthetics, and pertinent issues of the day. (Same as REL 450.) LEC.

AAAS 460. Topics and Problems in African and African-American Studies. 1-3 Hours. H/W.
Individual investigation of special topics in African and African-American studies. May not be repeated for credit toward the major. Prerequisite: Six hours in African and African-American studies or consent of instructor. IND.

AAAS 470. Language and Society in Africa. 3 Hours. NW AE42 / GE35 / H/W.
Examines issues and problems associated with language use in sub-Saharan Africa from a sociological perspective. Topics covered include an overview of the types of languages spoken on the continent: indigenous languages, colonial languages, pidgins and creoles, and Arabic as a religious language; problems associated with the politics of literacy and language planning, writing and standardization of indigenous languages; and the cultural and ideological dilemmas of language choice. (Same as LING 470.) Prerequisite: AAAS 103, AAAS 305, or LING 106; or consent of instructor. LEC.

AAAS 496. Field Experience. 3 Hours. AE61 / H/W.
A supervised placement in practical situations where students actively participate in organized work within the community, to be completed with an acceptable paper. The course may be taken in the United States, Caribbean, or Africa to meet the B.A. degree requirement in African and African-American Studies. Open only to junior and senior majors or by consent of the department. FLD.

AAAS 501. Regional History: _____, 3 Hours. H/W.
A survey of the major political, social, economic and intellectual trends in a region of Africa or the Americas. Prerequisite: Five hours of distribution courses in history. LEC.

AAAS 502. Directed Language Study: _____, 5 Hours. U.
Study of an African language at Elementary I and Elementary II levels under individual supervision and with the aid of self-instructional material. Open to juniors and seniors in good standing and graduate students only and with permission of the department. May be repeated for up to 10 credit hours. Cannot be used to fulfill BA foreign language requirement. IND.

AAAS 503. Directed Language Study: _____, 3 Hours. U.
Study of an African language at Intermediate I and Intermediate II levels under individual supervision and with the aid of self-instructional material. Open to juniors and seniors in good standing and graduate students only and with permission of the department. May be repeated for up to 6 credit hours. Cannot be used to fulfill BA foreign language requirement. IND.

AAAS 504. Directed Language Study: I, _____, 3 Hours. U.
Study of an African language at Advanced I and Advanced II levels under individual supervision and with the aid of self-instructional material. Open only to juniors and seniors in good standing, graduate students and with permission of the department. May be repeated for up to 6 credit hours. Cannot be used to fulfill BA language requirement. IND.

AAAS 505. Directed Language Study: II, _____, 3 Hours. U.
Designed for native and near native speakers, this course involves reading of materials published in an African language intended for
conversation, oral presentation, and writing by native speakers. May be repeated for up to 6 credit hours. Prerequisite: Native or near native speaker proficiency or consent of instructor. IND.

AAAS 510. Comparative Racial and Ethnic Relations. 3 Hours. NW AE42 / S.
An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean, and/or the Middle East. (Same as AMS 534 and SOC 534.) LEC.

AAAS 511. The Civil Rights Movement. 3 Hours. H.
An examination of the Civil Rights Movement in American History. Emphasis is placed on the activities of major Civil Rights organizations, Civil Rights legislation and its impact on American life, and conflicts between integrationist and separatist forces in politics, economics, education, culture and race relations in the United States. LEC.

AAAS 512. African and Western Cosmologies. 3 Hours. H/W.
Ancient and modern Western world views will be compared to African world views, with special attention paid to the way these are supported in the upprinnings of sociocultural institutions. Prerequisite: A course in African Studies and a course in the philosophy of science or consent of instructor. LEC.

AAAS 520. African Studies In: ______. 3 Hours. NW AE42 / H/W.
Upper level lecture and discussion courses in African area of current interest and/or taking advantage of faculty resources in topics relevant to the major. May be repeated for credit toward the major. Prerequisite: Junior/Senior in good standing. LEC.

AAAS 521. African Studies In, Honors: ______. 3 Hours. H/W.
Upper level lecture and discussion courses in African area of current interest and/or taking advantage of faculty resources in topics relevant to the major. May be repeated for credit toward the major. Only open to students admitted to the University Honors Program or with permission of the instructor. Prerequisite: Junior/senior in good standing. LEC.

Historical development, systematic ideas and rites of selected periods, cultural settings, and movements. Prerequisite: Five hours of distribution courses in the humanities or AAAS 512 and consent of instructor. LEC.

AAAS 523. African-American Studies In: ______. 3 Hours. H.
Upper level lecture and discussion courses in African-American area of current interest and/or taking advantage of faculty resources in topics relevant to the major. May be repeated for credit toward the major. Prerequisite: Junior/Senior in good standing. LEC.

AAAS 524. African-American Studies In, Honors: ______. 3 Hours. H.
Upper level lecture and discussion courses in African-American area of current interest and/or taking advantage of faculty resources in topics relevant to the major. May be repeated for credit toward the major. Only open to students admitted to the University Honors Program or with permission of the instructor. Prerequisite: Junior/senior in good standing. LEC.

AAAS 525. Social History of Black Aging in America. 3 Hours. H.
The purpose of this course is to provide a comprehensive historical examination of American society's changing attitudes and responses to aging and older adults, with emphasis on the Black aged. Beginning with the African background where older adults were highly valued, the course explores the impact of slavery, the industrial Revolution, urbanization and the development of the youth-oriented culture prevalent in the United States today. Subsequently, the course focuses on the emergence of twentieth century social gerontological problems and the role of the modern Black movements, public agencies, and private organizations in addressing the issues. Film, essays, drama, and/or fiction are utilized to illustrate the cultural attitudes of each historical period. Prerequisite: AAAS 103 or AAAS 105 or AAAS 106 or a course in American history, or consent of instructor. LEC.

AAAS 527. Popular Culture in Africa. 3 Hours. S/W.
This course examines multiple expressions of popular culture in contemporary Africa, focusing on the aesthetics of forms such as music, theater, dress, street art, and popular literary genres, as well as the social themes they deal with and the societies that produce them. The approach will be based on a critical reconsideration of notions such as traditional versus modern culture, elite versus folk art, westernization, and cultural hybridity, in order to find better ways of discussing the cultural vibrancy of everyday life in contemporary Africa. LEC.

AAAS 532. Studies in Islam. 3 Hours. H.
Study of religious thought, practice, and institutions of Islam with an emphasis on the examination of primary documents. (Same as REL 532.) LEC.

AAAS 534. The Rhetoric of Black Americans. 3 Hours. H.
A study of the rhetoric of Black Americans, from their earliest protest efforts to the contemporary scene, with the focus on the methods and themes employed to alter their status in American society. (Same as COMS 551.) Prerequisite: COMS 130. Skills in basic composition essential. LEC.

AAAS 536. Islamic Art and Architecture in Africa. 3 Hours. N.
Study of Islamic art and architecture in various cultural and geographical settings, from the first mosques of North African and the Swahili coast to contemporary Islamized masquerades in West Africa. We consider art objects and architectural sites in terms of religious practice, trade and commerce, ritual and political power, and contemporary expression. (Same as HA 536.) Prerequisite: AAAS 102, AAAS 103, HA 100, or HA 150; or permission of instructor. LEC.

AAAS 542. The History of Islam in Africa. 3 Hours. NW / H/W.
A study of the history and institutions of Islam in Africa. Emphasis will be placed on the impact of Islam on African traditional religions and African civilizations in general; the historiographical traditions of Islam in Africa. (Same as REL 535.) Prerequisite: Five hours of distribution courses in the humanities. LEC.

AAAS 543. Language and Culture in Arabic-Speaking Communities. 3 Hours. NW AE42/GE3S / H.
The course examines the links between language structure, patterns of use, language choice, and language attitudes in the diglossic and bilingual Arabic-speaking communities. It also explores language as a reflector and creator of Arab culture (e.g. linguistic encoding of politeness, the Quranic text as the spoken and written word, the role of tropes in Arabic rhetoric). The topics for discussion range from the micro-level language choice to the macro-level issues of national language policies and planning within the domain of government and education across the Arab world. (Same as LING 543.) LEC.

AAAS 545. Unveiling the Veil. 3 Hours. NW / H.
This course seeks to unveil a complex cultural practice that has been misconstrued by many scholars. It explores the versatility of the meaning of the veil. It examines the ways in which the veil has become a symbol of privacy, cultural identity, religious assertion, resistance...
and liberation, besides being a symbol of constraint, oppression, backwardness, and sexual mystery. LEC.

AAAS 550. Senior Seminar in: ___. 3 Hours. AE61 / H/W.
Small discussion groups, each designed to consider a specific, clearly defined topic, using an interdisciplinary approach and requiring the demonstration of a comprehensive knowledge of the fundamentals in the field as appropriate to the topic. Class discussion based on student presentations. Prerequisite: Senior majors; special departmental permission for other seniors. LEC.

AAAS 551. Environmental Issues in Africa. 3 Hours. S.
Acquaints students with the complexities of debates on environmental problems in Sub-Saharan Africa. Topics addressed may include deforestation, desert expansion, wildlife conservation, soil erosion, climate change, coral reef destruction, water resources development, mangrove preservation, and the environmental effects of war, industrialization, and urbanization. Class presentations and projects synthesize the perspectives of both human and physical geography. (Same as GEOG 550.) Prerequisite: GEOG 104 or permission of instructor. LEC.

AAAS 552. Classical Islamic Literature. 3 Hours. NW / H.
An examination of major developments in classical Islamic literature in the Middle East and beyond, with attention to the poetic and prose works (in translation) that emerged from them. (Same as REL 552.) LEC.

AAAS 553. Geography of African Development. 3 Hours. NW AE42/GE3S / S.
Acquaints students with the values and social parameters of African agricultural and pastoral practice. Topics include customary land rights, African perspectives on the natural world, gender issues in African agriculture, and the urbanization of African cultures. The course also contrasts African views with those of Western development practitioners and donor agencies. Case studies from different countries are used to highlight the continent’s regional differences. (Same as REL 552.) LEC.

AAAS 554. Contemporary Health Issues in Africa. 3 Hours. S.
The course examines health and nutrition in African communities, using the methods of biological and medical anthropology. Fundamental to the approach taken in the course is the understanding that the health of human groups depends on interactions between biological and cultural phenomena in a particular ecological context. One topic will be selected per semester to examine in detail the full array of epidemiological factors contributing to patterns of specific diseases. AIDS, childhood diseases, and reproductive health of African women are among possible topics. Course material will be selected from scholarly and medical publications, as well as coverage in the popular media. The use of a variety of sources will enhance understanding of the biological and cultural issues involved, and will help students identify possible bias and misinformation in popular coverage of events such as famine or epidemic in African settings. (Same as ANTH 545.) Prerequisite: An introductory course in either Anthropology or African Studies. LEC.

AAAS 555. African Film. 3 Hours. NW / H.
A critical study of Africa and its peoples as depicted in films. The aesthetic, cultural, economic, political, historical, and ideological aspects of African films are examined. (Same as FMS 544.) LEC.

AAAS 557. Cities and Development. 3 Hours. S.
An intermediate level course in urban geography, with an emphasis on cities in the developing world. Example cities in Latin America and the Caribbean, Sub-Saharan Africa, the Middle East, South Asia, and/or Southeast Asia may be examined. The main focus is on the intersection between urbanization and economic development, but social, political, and cultural aspects of development in cities are considered. Other topics include the geographic impacts of European colonialism, urbanization and industrialization, rural-to-urban migration, urban structure and spatial dynamics, urban planning, and environmental sustainability. (Same as GEOG 557.) LEC.

AAAS 560. Race, Gender, and Post-Colonial Discourses. 3 Hours. H.
An examination of the ways in which the concept of race, gender, and post-colonialism frame African literatures from the Caribbean, North America, and the continent itself. The course will focus on these discourses grounding them in critical frameworks within which they can be contextually analyzed and evaluated, at the same time examining their impact in literacy praxis and theory. (Same as WGSS 560.) LEC.

AAAS 561. Liberation in Southern Africa. 3 Hours. NW AE42 / U.
This course examines struggles for freedom in southern Africa and the consequences of political, economic, and social changes in the region. The end of colonial rule, the demise of white-settler domination, and the fall of the apartheid regime is discussed. As a major political event of the twentieth century, the liberation of southern Africa had both local and global consequences. The course analyzes transnational issues of liberation and resistance to consider broader regional and international perspectives. Course themes pay particular attention to gender and ethnicity and include a focus on democratization and contemporary meanings of liberation. Prior coursework in African Studies is strongly recommended, but not required. (Same as HIST 561 and POLS 561.) LEC.

AAAS 565. Gender, Culture, and Migration. 3 Hours. H.
This course brings a human face to the 21st century manifestation of globalization by focusing on the issues of culture, gender and migration. How do these three aspects create the “global village” amongst the host and donor peoples? When people move from one place to another, what do they leave behind, what do they take with them? What is gained, or lost by the host community? What is the impact of migration on a specific group’s and individual’s sense of identity? How has migration affected the people’s construction, understanding, and practice of gender? Given their primary roles in the home and within the culture, these questions and more are posed with particular attention to women. Migration theories, interviews and personal testimonies as well as literary and dramatic works are critical to our analyses of the issues raised and enable us to hold conversations with, and listen to the stories of the ordinary people who make globalization happen and sustain it. (Same as AMS 565 and WGSS 565.) LEC.

AAAS 568. Kongo Trans-Atlantic. 3 Hours. S.
This seminar explores Kongo culture and history through a cross-section of the African-Atlantic World: Western Equatorial Africa and related New World societies in Jamaica, Brazil, Haiti, Cuba, and the Georgia and Carolina coasts, and New Orleans (thus in former British, Portuguese, French, Spanish, and U.S. colonial territories). The seminar will assess recent scholarship on patterns of slavery and resistance, cultural and linguistic change, creolization and hybridization. (Same as ANTH 568.) LEC.

AAAS 574. Slavery in the New World. 3 Hours. H/W.
Slavery, slave culture, and the slave trade in the U.S., Latin America, and the Caribbean will be examined comparatively. Attention will also be given to African cultures, the effects of the slave trade on Africa, and the effects of African cultures on institutions in the New World. (Same as HIST 574.) LEC.

AAAS 578. Central African Art. 3 Hours. NW / H/W.
Introduction to the arts and cultures of Central Africa. Emphasis is given to the major art-producing cultures of the Equatorial forest and the Southern Savanna regions of Cameroon, Gabon, Congo, Zaire, and Angola. The historical and cultural contexts for the visual arts associated with
centralized leadership and non-centralized societies are explored. (Same as HA 578.) LEC.

**AAAS 584. Black American Literature. 3 Hours. H.**
A study of the literature written by Black Americans from the pre-Civil War period to the present. Emphasis upon specific historical periods in the development of Black literature as well as on a critical analysis of major autobiographical, poetic, and fictional works. LEC.

**AAAS 585. Race and the American Theatre. 3 Hours. U.**
The representation(s) of race in significant texts and performance styles in American theatre analyzed according to political ideologies, dramatic movements and the impact of these factors on the representation of the "other" in the theatre. (Same as AMS 529 and THR 529.) LEC.

**AAAS 590. The Rise and Fall of Apartheid. 3 Hours. H.**
This course will deal with the last fifty years of South African history during which apartheid came to be formulated, supported, and perpetuated, and the forces that were responsible for its disintegration by 1990. Reference will also be made to the transformation process since April 1994. (Same as HIST 599.) LEC.

**AAAS 598. Sexuality and Gender in African History. 3 Hours. NW AE42 / H.**
An examination of the history of sexuality and gender in Africa with a focus on the 19th and 20th centuries. Major issues and methods in the historical scholarship on gender and sexuality will be covered. Topics of historical analysis include life histories, rites of passage, courtship, marriage, reproduction, education, masculinities, homosexuality, colonial control, and changing gender relations. Prior course work in African history is suggested. Graduate students will complete an additional project in consultation with the instructor. (Same as HIST 598.) LEC.

**AAAS 600. Politics in Africa. 3 Hours. NW AE42 / S.**
A survey of politics in Africa, focused on the countries of sub-Saharan Africa and Black Africa. The course includes a historical discussion of precolonial Africa, colonization and the creation of contemporary states, and the politics of independence, before examining contemporary political systems and the forces influencing patterns of politics on the continent. (Same as POLS 665.) Prerequisite: POLS 150 or AAAS 105 or AAAS 305 or consent of instructor. LEC.

**AAAS 611. History of the Black Power Movement. 3 Hours. H.**
Examines the Black Power Movement in its many manifestations, beginning with a discussion of its political and cultural background: the transition from Civil Rights to Black Power in the African American Freedom Movement of the 1960s; the impact on African Americans of African decolonization and the spread of anti-colonial and anti-imperialist movements throughout other parts of the globe. The course also examines the Black Arts Movement and its influence on the Black Power Movement and vice versa. Therefore, some attention will also be paid to the music, literature, theater, and the graphic arts of the period, and the aesthetic and political critiques of these artistic forms. Prerequisite: AAAS 511 not required but recommended. LEC.

**AAAS 630. The Life and Intellectual Thought of W.E.B. Du Bois. 3 Hours. H.**
A critical examination of W. E. B. Du Bois, paramount black scholar and activist whose massive body of scholarly work spans the period from late 19th through the mid-20th centuries. Course covers the major works of Du Bois. Topics include Du Bois as sociologist, historian, propagandist, and creative writer. Moreover, the course deals with Du Bois as an intellectual in conversation with other black thinkers, including individuals such as, Booker T. Washington, Alexander Crummell, Anna Julia Cooper, Ida B. Wells-Barnett, Marcus Garvey, E. Franklin Frazier, Walter White and Thurgood Marshall. LEC.

**AAAS 650. Sufism. 3 Hours. NW / H.**
A survey of developments in Sufi (Islamic Mystical) thought, poetry, and ritual throughout Muslim history and across the Muslim world. (Same as REL 650.) Prerequisite: AAAS 349/REL 350 or permission of instructor. LEC.

**AAAS 657. Gender in Islam and Society. 3 Hours. NW / H.**
An investigation of the relationship between Islam, and gender roles and status in religious texts (Quran and Hadith) and in societies across the Muslim world, past and present. (Same as REL 657.) Prerequisite: AAAS 349/REL 350 or permission of instructor. LEC.

**AAAS 662. Gender and Politics in Africa. 3 Hours. S.**
This course is designed to explore the field of gender and African politics. We begin by paying particular attention to African women’s political roles during the pre-colonial and colonial society. Next, we examine the impetus, methods, and path of liberation struggles and how gender roles were shaped, shifted, and changed during these struggles. The majority of the class focuses on current issues in African politics, including gender and development, HIV/AIDS and women’s health, gender and militarism. We also explore women’s roles in political institutions, civil society organizations, trade and labor unions, and transnational movements. We also examine contemporary constructions of masculinity and femininity in African states and explore how these constructions affect social policy and national political agendas. (Same as WGS 662.) LEC.

**AAAS 663. The Anthropology of Islam. 3 Hours. NW / H.**
This course uses critical readings of major anthropological works on Islam to: 1) analyze various interpretations of “Islamic cultures” through a discussion of regionally-grounded works, and 2) examine how the anthropological study of Islam also is informed by theoretical and philosophical approaches to major anthropological questions, such as religion, myth, kinship, social organization, and power. The course offers both a history of various interpretations of Islam as well as a history of theories of these interpretations. (Same as ANTH 663.) LEC.

**AAAS 676. West African Art. 3 Hours. NW / H/W.**
Introduction to the rich visual art traditions of West Africa. Emphasis is given to the major art-producing cultures of the Western Sudan and the Guinea Coast, including the archaeological cultures of Nigeria, Mali, and Ghana. The diverse forms of figure sculptures and masquerade performance and meanings of these arts in historical and cultural contexts are examined. This course requires more intensive work than AAAS 376 and is open to upper division and graduate students only. Not open to students who have taken AAAS 376/H/HA 376. (Same as HA 676.) LEC.

**AAAS 677. African Design. 3 Hours. NW / H/W.**
A survey of sub-Saharan African media, emphasizing textiles, ceramics, metal and bead work, the artist’s techniques, working methods and apprenticeship, and historical and contemporary cultural contexts, including the influence of tourism and the international art market on artistic production and style. Open to juniors, seniors, and graduate students only. (Same as HA 677.) Prerequisite: AAAS 376 or HA 376, or AAAS 578 or HA 578, or an introductory course in art history at the college level, or consent of instructor. LEC.

**AAAS 679. African Expressive Culture: _____. 3 Hours. NW / H/W.**
An in-depth examination of an artistic tradition shared by a number of African cultures. Discussion includes historical development related to style, use and meaning and other relevant issues. Open to juniors, seniors, and graduate students only. (Same as HA 679.) Prerequisite: AAAS 376 or HA 376, or AAAS 578 or HA 578, or an introductory course in art history at the college level, or consent of instructor. LEC.
AAAS 680. Introduction to Modern Africa. 3 Hours. H/W.
An interdisciplinary approach to cross-cultural understanding of Africa's place in the modern world. Specific emphasis will be given to the role of Africa in world history, African cultures, modern African history, and problems of development and nation building in Africa. Prerequisite: Consent of instructor. LEC.

AAAS 690. Investigation and Conference. 1-3 Hours. AE61 / H/W.
Individual and supervised readings in selected areas of African and African-American studies which will be an investigation of a subject selected by the student with the advice and direction of an instructor. Individual reports and conferences. Prerequisite: Seniors and consent of department. IND.

AAAS 695. Honors Project in: _____ 3 Hours. AE61 / H.
An individual research project in African-American or African studies under the direction of a specialist in the area of the student's interest, the results of the project to be presented in written form and to be defended before a committee of three faculty members as provided for under the requirements for Honors. Majors only and permission of instructor. IND.

AAAS 700. Africa in World Politics. 3 Hours.
A 20th-century and 21st-century study of the combined internal and external forces that precipitated the rise of Africa, the major African issues in international relations, and Africa's impact on the modern world. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 701. Politics in Africa. 3 Hours.
A survey of politics in Africa, focused on the countries of sub-Saharan or Black Africa. The course includes a historical discussion of precolonial Africa, colonization and the creation of contemporary states, and the politics of independence, before examining contemporary political systems and the forces influencing patterns of politics on the continent. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 715. Seminar in African Art. 3 Hours.
A concentrated study of a special topic relating to African Art studies. Different topics are offered in different semesters. (Same as HA 715.) Prerequisite: Nine hours of Art History and/or consent of instructor. LEC.

AAAS 716. Women in Islam. 3 Hours.
Addresses the widely-held stereotype of Muslim women as pawns in a patriarchal socio-religious context. Investigating the Muslim cultures of certain regions, the course will examine the manner in which indigenous culture was influenced by the introduction of Islam and the historical impact of Islam on women's social roles. Focusing principally on contemporary social change, the course will consider how socio-political change affects religious roles where religion is integrally involved in daily life. To what extent is individualism valued, and how are the pressures of late 20th-century and early 21st-century life mediated? The course will draw on texts from history, sociology, and literature. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 720. Intercultural Communication: The Afro-American. 3 Hours.
An examination of the barriers to effective communication between Black Americans and non-Black Americans. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 723. Special Topics in Africana Studies: _____. 3 Hours.
Seminar in an area of current interest in African and African-American Studies. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 727. African-American Culture. 3 Hours.
This course defines African American culture and identifies ways in which it is distinct. The course identifies the roots of African American culture, as well as the transformations occurring over time. The course covers identity issues and considers the possibility of complex, multi-identity structures. The course addresses the issues of whether there is a common narrative or a common root metaphor for African American culture, how this is known epistemologically, internally and externally, and how epistemological "knowledge" is appropriated. Course pedagogy includes text readings, case studies, performance events, and media events. LEC.

AAAS 730. Black Leadership. 3 Hours.
The course focuses on the concept of leadership and on Black leadership in the United States. An in-depth analysis of selected case studies of Black leaders both historical and contemporary. Some attention will be given to the dispersion of Africans into the Americas and the leadership that emerged, conditioned both by environmental factors and the psychology engendered by the system of slavery. Selected successful Black leaders will be invited to visit the class from time to time. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 731. African Literature. 3 Hours.
Introduction to African Literature. Reading, analysis, and discussion of contemporary fiction, poetry, and drama from sub-Sahara Africa. Brief attention will be paid to historical development and to traditional literature. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 732. Francophone African Literature. 3 Hours.
This course is an introduction to 20th-century and modern Francophone African literature covering selected works by major authors from both sub-Saharan Africa and the Maghreb. Attention will be given primarily to the novel, although some poetry will also be read. Topics and themes include négritude, African identity in the wake of colonialism, Islam, and women's writing. Classes will be conducted in English. Students may read the texts in French or in translation. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 733. Islamic Literature. 3 Hours.
Contemporary literature that is set in the context of Muslim cultures provides for an examination of Muslim identity on its own terms. This course focuses on the literary examination of works by Muslim authors from Egypt, Sudan, Senegal, Guinea, Mali, Morocco, Nigeria, and Niger. From the perspective of both male and female authors, the issue of what it means to be a Muslim is considered through fictional accounts set in contemporary contexts. Some works will be read in translation from Arabic or French; others are written originally in English. Cultures considered in this course vary widely in their origins and customs, which allows for a focus on the one pervasive element they share in common: Islam as it shapes people's lives. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 734. African Women Writers. 3 Hours.
This course focuses on African women's writing from all regions of the continent. Works included deal with a wide variety of issues relevant to
African women, as well as universal issues of conceptions of gender roles, and the struggle to attain personal rights and freedom within traditional cultural frameworks. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 735. Muslim Women’s Autobiography. 3 Hours.
This course examines the realities of Muslim women’s experiences as conveyed in their own voices. Works are drawn from all over the world, from Africa and the Middle East to Europe and the U.S. and cover from the 19th-century to the present. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 740. The Afro-American Family: A Psychological Approach. 3 Hours.
The examination of the structure, values, and behavior patterns of the contemporary African-American family as influenced by African cultures and kinship systems and the institution of slavery in association with other factors. Social and psychological forces that have enhanced or blocked family survival, stability, and advancement will be explored. The orientation of Black family life will emphasize its strengths, weaknesses, adaptations, strong kinship bonds, and equilibrant family roles. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 745. Arab Thought and Identity. 3 Hours.
The intention of this course is to present a comprehensive portrait and a deeper understanding of the Arab society and its cultural background. We will focus on the debate that is still raging about traditionalism versus modernity, and authenticity (assala) and specificity (Khususiyya) versus westernization. Moreover, we will discuss the question of Arab identity which manifests itself through a sense of belonging and diversity of affiliations, and relies as well on shared culture and its variations, and shared place in history and common experiences. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 749. Islam. 3 Hours.
Islam’s origins, the prophet Muhammed, the Holy Koran, religious symbols and moral mandates, and historical developments. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 750. Popular Culture in the Muslim World. 3 Hours.
A study of pop songs, television, comics, and other idioms of popular culture from different parts of the Muslim world, with attention to Muslims’ sense of humor, tragedy, aesthetics, and pertinent issues of the day. LEC.

AAAS 760. Topics and Problems in African and African-American Studies. 3 Hours.
Individual investigation of special topics in African and African-American studies. May not be repeated for credit. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 770. Language and Society in Africa. 3 Hours.
Examines issues and problems associated with language use in sub-Saharan Africa from a sociological perspective. Topics covered include an overview of the types of languages spoken on the continent: indigenous languages, colonial languages, pidgins and creoles, and Arabic as a religious language; problems associated with the politics of literacy and language planning, writing and standardization of indigenous languages; and the cultural and ideological dilemmas of language choice. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 774. Topics in Literatures of Africa and the African Diaspora: _____ 3 Hours.
An intensive study of the literatures of Africa and/or African diaspora (people of African descent dispersed around the world). This study will focus on the major characteristics of a particular period, genre, mode, and/or theme in literatures such as African, Caribbean, Afro-Brazilian, African American, African Canadian, Black British. Critical theories pertinent to writers and their work will be covered. Topics may include studies in drama, poetry, or the novel; migration narratives; literature of a particular era, such as the Harlem Renaissance, Negritude, or the Black Arts Movement; representations of gender, etc. As topics vary by semester, the course may be repeated for credit. (Same as ENGL 774.) LEC.

AAAS 788. The Black Woman. 3 Hours.
An interdisciplinary study of the role of Black women in our society, from the African background through the plantation experience to the present. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 801. Introduction to Africana Studies: African-American. 3 Hours.
An introduction to, and overview of, the historical, intellectual, and professional foundations of African-American Studies; a multidisciplinary examination of the key texts and issues in the field. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 802. Introduction to Africana Studies: African. 3 Hours.
An introduction to, and overview of, the historical, intellectual, and professional foundations of African Studies; a multidisciplinary examination of the key texts and issues in the field. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 803. Research Methods in Africana Studies. 3 Hours.
A multidisciplinary introduction to the range of research methods employed to examine African and African-American history, cultures, and societies. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 804. Seminar in Africana Studies. 3 Hours.
An interdisciplinary, comparative exploration of the histories, cultures, and societies of Africans and peoples of African descent. Students will be required to utilize the skills gained in AAAS 801 and AAAS 802 to design and implement a project that will be critically assessed in the seminar. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. Prerequisite: AAAS 801 and AAAS 802 or consent of instructor. LEC.

AAAS 810. Comparative Racial and Ethnic Relations. 3 Hours.
An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean, and/or the Middle East. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 811. The Civil Rights Movement. 3 Hours.
An examination of the Civil Rights Movement in American History. Emphasis is placed on the activities of major Civil Rights organizations,
Civil Rights legislation and its impact on American life, and conflicts between integrationist and separatist forces in politics, economics, education, culture and race relations in the United States. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 812. The Black Power Movement. 3 Hours. This course will examine the Black Power Movement in its many manifestations, beginning with a discussion of its political and cultural background: the transition from Civil Rights to Black Power in the Afro-American freedom movement of 1960’s; the impact on African Americans of African decolonization and the spread of anti-colonial and anti-imperialist movements throughout other parts of the globe. There will also be some examination of the Black Arts Movement and its influence on the Black Power Movement and vice versa. Therefore, some attention will also be paid to the music, literature, theater, and the graphic arts of the period, and the aesthetic and political critiques of these artistic forms. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 822. African and African-American Religion. 3 Hours. Historical development, systematic ideas and rites of selected periods, cultural settings, and movements. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 825. Social History of Black Aging in America. 3 Hours. The purpose of this course is to provide a comprehensive historical examination of American society’s changing attitudes and responses to aging and older adults, with emphasis on the Black aged. Beginning with the African background where older adults were highly valued, the course explores the impact of slavery, the Industrial Revolution, urbanization and the development of the youth-oriented culture prevalent in the United States today. Subsequently, the course focuses on the emergence of twentieth-century social gerontological problems and the role of the modern Black movements, public agencies, and private organizations in addressing the issues. Film, essays, drama, and/or fiction are utilized to illustrate the cultural attitudes of each historical period. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 827. Popular Culture in Africa. 3 Hours. This course examines multiple expressions of popular culture in contemporary Africa, focusing on the aesthetics of forms such as music, theatre, dress, street art, and popular literary genres, as well as the social themes they deal with and the societies that produce them. The approach will be based on a critical reconsideration of notions such as traditional versus modern culture, elite versus folk art, westernization, and cultural hybridity, in order to find better ways of discussing the cultural vibrancy of everyday life in contemporary Africa. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 830. The Life and Times of W.E.B. Du Bois. 3 Hours. A critical examination of the life and thought of W. E. B. Du Bois, paramount black scholar and activist whose massive body of scholarly work spans the period from late 19th through the mid-20th centuries. Course covers the major works of Du Bois. Topics include Du Bois as sociologist, historian, propagandist, and creative writer, taking into account his often shifting views on art and culture, politics, leadership, civil rights and the color line, trade unionism, Pan-Africanism, socialism, internationalism, and, of course, double consciousness, among other issues. Moreover, the course will deal with Du Bois as an intellectual in conversation with other black thinkers, including individuals such as Booker T. Washington, Alexander Crummell, Anna Julia Copper, Ida B. Wells-Barnett, Marcus Garvey, E. Franklin Frazier, Walter White and Thurgood Marshall. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 832. Comparative Black Literature. 3 Hours. Reading, analysis, and discussion of contemporary fiction, poetry, and drama from Africa, the Caribbean, and the United States. Brief attention will be paid to historical development and to traditional literature. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 834. The Rhetoric of Black Americans. 3 Hours. A study of the rhetoric of Black Americans, from their earliest protest efforts to the contemporary scene, with the focus on the methods and themes employed to alter their status in American society. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 843. Language and Culture in Arabic-Speaking Communities. 3 Hours. The course examines the links between language structure, patterns of use, language choice, and language attitudes in the diglossic and bilingual Arabic-speaking communities. It also explores language as a reflector and creator of Arab culture (e.g. linguistic encoding of politeness, the Quranic text as the spoken and written word, the role of tropes in Arabic rhetoric). The topics for discussion range from the micro-level language choice to the macro-level issues of national language policies and planning within the domain of government and education across the Arab world. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 845. Unveiling the Veil. 3 Hours. This course seeks to unveil a complex cultural practice that has been misconstrued by many scholars. It explores the versatility of the meaning of the veil. It examines the ways in which the veil has become a symbol of privacy, cultural identity, religious assertion, resistance and liberation, besides being a symbol of constraint, oppression, backwardness, and sexual mystery. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 851. Environmental Issues in Africa. 3 Hours. Acquaints students with the complexities of debates on environmental problems in Sub-Saharan Africa. Topics addressed may include deforestation, desert expansion, wildlife conservation, soil erosion, climate change, coral reef destruction, water resources development, mangrove preservation, and the environmental effects of war, industrialization, and urbanization. Class presentations and projects synthesize the perspectives of both human and physical geography. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 852. Classical Islamic Literature. 3 Hours. An examination of major developments in classical Islamic literature in the Middle East and beyond, with attention to the poetic and prose works (in translation) that emerged from them. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 853. Geography of African Development. 3 Hours. Acquaints students with the values and social parameters of African agricultural and pastoral practice. Topics include customary land rights,
African perspectives on the natural world, gender issues in African agriculture, and the urbanization of African cultures. The course also contrasts African views with those of Western development practitioners and donor agencies. Case studies from different countries are used to highlight the continent’s regional differences. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 885. African Film and Video. 3 Hours.
A critical study of Africa and its peoples as depicted in films and videos. The aesthetic, cultural, economic, political, historical, and ideological aspects of African films and videos will be examined. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 887. Cities and Development. 3 Hours.
An interdisciplinary-level course in urban geography, with an emphasis on cities in the developing world. Example cities in Latin America and the Caribbean, Sub-Saharan Africa, the Middle East, South Asia, and/or Southeast Asia may be examined. The main focus is on the intersection between urbanization and economic development, but social, political, and cultural aspects of development in cities are considered. Other topics include the geographic impacts of European colonialism, urbanization and industrialization, rural-to-urban migration, urban structure and spatial dynamics, urban planning, and environmental sustainability. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 889. The Rise and Fall of Apartheid. 3 Hours.
This course will deal with the fifty years of South African history during which apartheid came to be formulated, supported, and perpetuated, and the forces that were responsible for its disintegration by 1990. Reference will also be made to the transformation process since April 1994. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.

AAAS 890. Sexuality and Gender in African History. 3 Hours.
An examination of the history of sexuality and gender in Africa focused on the 19th-century to the present. Major issues and methods in the historical scholarship on gender and sexuality will be covered. Topics of historical analysis include life histories, rites of passage, courtship, marriage, reproduction, education, masculinities, homosexuality, colonial control, and changing gender relations. Prior course work in African history is suggested. Additional advanced-level coursework is required for students in this course beyond lower-level courses of the same name and/or description. LEC.
ARAB 210. Intermediate Arabic I. 3 Hours. U.
Three hours of class conducted in Arabic. Intermediate oral proficiency and aural comprehension. Systematic review of grammar. Writing skills beyond the basic level. Introduction to modern Arabic texts and discussion in Arabic. Prerequisite: ARAB 120. LEC.

ARAB 220. Intermediate Arabic II. 3 Hours. U.
Three hours of class conducted in Arabic. Continuation of ARAB 210. Discussion in Arabic of texts studied. Prerequisite: ARAB 210. LEC.

ARAB 310. Advanced Arabic I. 3 Hours. U.
A practical Arabic language course involving advanced study of the grammar, reading of texts on a variety of subjects, conversation, and composition. Taught in Arabic. Designed for students who have had two or more years of Arabic study. Open to native speakers. Prerequisite: ARAB 220 or consent of instructor. LEC.

ARAB 320. Advanced Arabic II. 3 Hours.
A continuation of ARAB 310. Prerequisite: Satisfactory completion of ARAB 310 or consent of instructor. LEC.

ARAB 401. Readings in Arabic I. 3 Hours. U.
Designed for native and near-native speakers, this course involves reading newspapers and other publications in the language intended for native speakers, conversation, oral presentations, and advanced grammar. Prerequisite: Native or near-native speaker proficiency or consent of instructor. LEC.

ARAB 402. Readings in Arabic II. 3 Hours. U.
Continuation of ARAB 401. LEC.

HAIT 110. Elementary Haitian I. 3 Hours. U.
Beginning course in the vernacular language of Haiti, Martinique, Guadeloupe and other areas of the Caribbean and the Indian Ocean. Conversational approach, with essentials of grammar. Reading of basic texts. Special attention to folk culture as expressed by language. No previous knowledge of another foreign language is required. LEC.

HAIT 120. Elementary Haitian II. 3 Hours. U.
Continuation of HAIT 110, with further readings in Haitian literature. Prerequisite: HAIT 110 or consent of instructor. LEC.

HAIT 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Haitian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

HAIT 230. Intermediate Haitian I. 3 Hours. U.
Continued practice in conversation and composition; intensive and extensive readings from contemporary press, short story, poetry, and folk tales. Prerequisite: HAIT 120 or consent of instructor. LEC.

HAIT 240. Intermediate Haitian II. 3 Hours. U.
Continuation of HAIT 230, with additional readings from theatre, novel, and historical texts. Prerequisite: HAIT 230 or consent of instructor. LEC.

HAIT 300. Contemporary Haiti. 3 Hours. NW / H.
Detailed analysis of recent Haitian history. The focus will include interactions between religion, social structure, politics, economics and international relations. (Same as AAAS 302.) Prerequisite: AAAS 301/HAIT 200, or consent of instructor. LEC.

HAIT 350. Advanced Haitian I. 3 Hours. U.
Course objective is a sophisticated command of understanding, speaking, reading, and writing Haitian. Texts include newspapers and other Haitian publications as well as spoken material produced essentially for native speakers. Conversation and oral presentations. Keeping of personal journal in Haitian. LEC.

HAIT 360. Advanced Haitian II. 3 Hours. U.
Continuation of HAIT 350, plus advanced readings from Haitian authors such as Carrie Paultre, Frank Etienne, Lyonel Desmarattes, and Michel-Rolph Trouillot. LEC.

May be taken more than once, total credit not to exceed fifteen hours. Material not covered by course work, and/or in field of student’s special interest. Conferences. Course taken for one hour of credit may not be used to fulfill College’s humanities distribution requirement. Prerequisite: Six hours of Haitian Creole and consent of instructor. IND.

Advanced work in either language or literature or both. May be taken more than once, total credit not to exceed fifteen hours. Conferences. As a three-credit-hour course, it may count toward a major in African and African-American studies. Prerequisite: Four semesters of Haitian Creole or equivalent and consent of instructor. IND.

HAIT 700. Investigation and Conference. 1-6 Hours.
Supervised individual readings in selected areas of Haitian language, literature, and culture. Individual reports and conferences. Prerequisite: Consent of instructor. RSH.

HAUS 110. Elementary Hausa I. 5 Hours. U.
Five hours of class per week. Basic level of oral fluency and aural comprehension. Vocabulary acquisition, pronunciation, grammar, and writing. Reading of simple texts. Not open to native speakers of Hausa. LEC.

HAUS 120. Elementary Hausa II. 5 Hours. U.
Five hours of class per week. A continuation of HAUS 110. Readings in cultural texts. Prerequisite: HAUS 110. LEC.

HAUS 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Hausa. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

HAUS 210. Intermediate Hausa I. 3 Hours. U.
Three hours of class conducted in Hausa. Intermediate oral proficiency and aural comprehension. Systematic review of grammar. Writing skills beyond the basic level. Introduction to modern Hausa texts and discussion in Hausa. Prerequisite: HAUS 120. LEC.

HAUS 220. Intermediate Hausa II. 3 Hours. U.
Three hours of class conducted in Hausa. Continuation of HAUS 210. Discussion in Hausa of texts studied. Prerequisite: HAUS 210. LEC.

HAUS 310. Advanced Hausa I. 3 Hours. U.
A practical Hausa language course involving advanced study of the grammar, reading of texts on a variety of subjects, conversation, and composition. Taught in Hausa. Designed for students who have had two or more years of Hausa study. Open to native speakers. Prerequisite: HAUS 220 or consent of instructor. LEC.
HAUS 320. Advanced Hausa II. 3 Hours. U.
A continuation of HAUS 310. Prerequisite: Satisfactory completion of HAUS 310 or consent of instructor. LEC.

HAUS 401. Readings in Hausa I. 3 Hours. U.
Designed for native and near-native speakers, this course involves reading newspapers and other publications in the language intended for native speakers, conversation, oral presentation, and advanced grammar. Prerequisite: Native or near-native speaker proficiency or consent of instructor. LEC.

HAUS 402. Readings in Hausa II. 3 Hours. U.
Continuation of HAUS 401. LEC.

KISW 110. Elementary KiSwahili I. 5 Hours. U.
Five hours of class per week. Basic level or oral fluency and aural comprehension. Vocabulary acquisition, pronunciation, grammar, and reading of simple texts. Not open to native speakers of KiSwahili. LEC.

KISW 120. Elementary KiSwahili II. 5 Hours. U.
Five hours of class per week. A continuation of KISW 110. Readings in cultural texts. Prerequisite: KISW 110. LEC.

KISW 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in KiSwahili. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

KISW 210. Intermediate KiSwahili I. 3 Hours. U.
Three hours of class conducted in KiSwahili. Intermediate oral proficiency and aural comprehension. Systematic review of grammar. Writing skills beyond the basic level. Introduction to modern KiSwahili texts and discussion in KiSwahili. Prerequisite: KISW 120. LEC.

KISW 220. Intermediate KiSwahili II. 3 Hours. U.
Three hours of class conducted in KiSwahili. Continuation of KISW 210. Discussion in KiSwahili of texts studied. Prerequisite: KISW 210. LEC.

KISW 310. Advanced KiSwahili I. 3 Hours. U.
A practical KiSwahili language course involving advanced study of the grammar, reading of texts on a variety of subjects, conversation, and composition. Taught in KiSwahili. Designed for students who have had two or more years of KiSwahili study. Open to native speakers. Prerequisite: KISW 220 or consent of instructor. LEC.

KISW 320. Advanced KiSwahili II. 3 Hours. U.
A continuation of KISW 310. Prerequisite: Satisfactory completion of KISW 310 or consent of instructor. LEC.

KISW 401. Readings in KiSwahili I. 3 Hours. U.
Designed for native and near-native speakers, this course involves reading newspapers and other publications in the language intended for native speakers, conversation, oral presentations, and advanced grammar. Prerequisite: Native or near-native speaker proficiency or consent of instructor. LEC.

KISW 402. Readings in KiSwahili II. 3 Hours. U.
Continuation of KISW 401. LEC.

KISW 410. Advanced KiSwahili. 3 Hours. U.
The course objective is a sophisticated command of speaking, listening, reading, and writing in KiSwahili. Texts used include newspapers and other KiSwahili publications not expressly for language learners, and spoken material intended for native speakers is introduced. Conversation and oral presentations. Advanced grammar. Available for elective credit in the major. Prerequisite: Native, near-native or second language competence or satisfactory completion of fourth level language proficiency. LEC.

WOLO 110. Elementary Wolof I. 5 Hours. H.
Five hours of class per week. Basic level of oral fluency and aural comprehension. Vocabulary acquisition, pronunciation, grammar, and writing. Reading of simple texts. Not open to native speakers of Wolof. LEC.

WOLO 120. Elementary Wolof II. 5 Hours. U.
Five hours of class per week. A continuation of WOLO 110. Readings in cultural texts. Prerequisite: WOLO 110. LEC.

WOLO 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Wolof. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

WOLO 210. Intermediate Wolof I. 3 Hours. U.
Three hours of class conducted in Wolof. Intermediate oral proficiency and aural comprehension. Systematic review of grammar. Writing skills beyond the basic level. Introduction to modern Wolof texts and discussion in Wolof. Prerequisite: WOLO 120. LEC.

WOLO 220. Intermediate Wolof II. 3 Hours. U.
Three hours of class conducted in Wolof. Continuation of WOLO 210. Discussion in Wolof of texts studied. Prerequisite: WOLO 210. LEC.

WOLO 310. Advanced Wolof I. 3 Hours. U.
A practical Wolof language course involving advanced study of the grammar, reading of texts on a variety of subjects, conversation, and composition. Taught in Wolof. Designed for students who have had two or more years of Wolof study. Open to native speakers. Prerequisite: WOLO 220 or consent of instructor. LEC.

WOLO 320. Advanced Wolof II. 3 Hours. U.
A continuation of WOLO 310. Prerequisite: Satisfactory completion of WOLO 310 or consent of instructor. LEC.

WOLO 401. Readings in Wolof I. 3 Hours. U.
Designed for native and near-native speakers, this course involves reading newspapers and other publications in the language intended for native speakers, conversation, oral presentations, and advanced grammar. Prerequisite: Native or near-native speaker proficiency or consent of instructor. LEC.

WOLO 402. Readings in Wolof II. 3 Hours. U.
Continuation of WOLO 401. LEC.

WOLO 420. Advanced Wolof II. 3 Hours. U.
Aspects of Wolof literature are examined at an advanced level, including differences between oral and written narrative, oral and poetic modes, varieties of registers as determined by gender and socio-economic level, and the effect of medium on literary style. Prerequisite: Native, near-native or second language competence, or satisfactory completion of fourth level language proficiency. LEC.

Applied Behavioral Science Courses
ABSC 100. Introduction to Applied Behavioral Science. 3 Hours. SI GE11/GE3S / S.
An introduction to the principles of behavioral science and their application to problems facing contemporary societies (e.g., autism, public health, education, juvenile delinquency, substance abuse). Students will learn how behavioral scientists analyze human behavior and how these analyses are used to inform interventions. Students will also learn about
careers in the behavioral sciences and how to pursue them. Course may be offered in lecture or online format. LEC.

**ABSC 101. Introduction to Applied Behavioral Science, Honors. 3 Hours. SI / S.**
This course introduces students to the principles of scientific inquiry in applied behavioral science: objectivity, definitions, observation, reliability, validity, correlation and its limitations, causation, experimental design and analysis, and the interpretation of data. These principles are presented in the context of solving individual and societal problems across the lifespan, for example, in early childhood education, public health, developmental disabilities (e.g., autism), delinquency, independent living for people with disabilities, educational systems, and gerontology. Open only to students in the University Honors Program. LEC.

**ABSC 140. Introduction to Principles of Behavior. 3 Hours. SI / S.**
An introduction to rationales, methods, and findings resulting from the empirical study of human behavior. Readings, lectures, videos, and classroom demonstrations are used to illustrate various principles of behavior and techniques of application. These principles are organized into a general theory of human conduct that is contrasted with alternative explanations of human behavior. Students learn basic principles of scientific method and their implications for behavioral science and human affairs. (Formerly HDFL 140.) LEC.

**ABSC 150. Community Leadership. 3 Hours. SF AE51 / S.**
An introduction to analysis, intervention, evaluation, and leadership in contemporary problems facing local communities. Readings, lectures, and service-learning activities enable students to understand community problems and how citizens and professionals can address them. (Formerly HDFL 150.) LEC.

**ABSC 151. Community Leadership, Honors. 3 Hours. SF AE51 / S.**
An introduction to analysis, intervention, evaluation, and leadership in contemporary problems facing local communities. Readings, lectures, and service-learning activities enable students to understand community problems and how citizens and professionals can address them. Open only to students in the University Honors Program. (Formerly HDFL 151.) LEC.

**ABSC 160. Introduction to Child Behavior and Development. 3 Hours. SI GE3S / S.**
An introduction to child behavior and development with an emphasis on the normal developmental range of growth, intelligence, cognition, emotion, language, and social skills from birth to adolescence. (Formerly HDFL 160.) LEC.

**ABSC 177. First Year Seminar: ______. 3 Hours. GE11 / U.**
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Applied Behavioral Science. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

**ABSC 268. Introduction to Marriage and Family Relations. 3 Hours. S.**
This course focuses on the family unit and the factors that affect its development. Topics include dating and cohabitation; family and lifestyle diversity; parental roles and child development; divorce and stepfamilies. The course emphasizes research related to these issues. (Formerly HDFL 288.) LEC.

**ABSC 279. Study Abroad Topics in: ______. 1-5 Hours. S.**
A course designed to enhance international experience in topic areas related to applied behavioral science at the freshman/sophomore level. Coursework must be arranged through the Office of KU Study Abroad.

May be repeated for credit if the content differs. Prerequisite: Department permission. LEC.

**ABSC 304. The Principles and Procedures of Behavior Modification and Therapy. 3 Hours. GE3S / S.**
An advanced examination of the principles of applied behavior analysis as used to address problems in developmental disabilities, childhood autism, language development, early childhood education, with adolescent and family life, and in normal everyday adult behavior. Issues in measurement, design, and evaluation of the effects of applied behavior analysis procedures and ethical implications of the use of these procedures are examined. Procedures used to teach and maintain appropriate behaviors, eliminate inappropriate behaviors, and develop comprehensive behavioral intervention programs are described. (Formerly HDFL 304.) Prerequisite: ABSC 100/101 or ABSC/HDFL 140. LEC.

**ABSC 308. Research Methods and Application. 4 Hours. GE11 / S.**
Examines research methods used to identify, describe, understand, and intervene on socially important problems occurring across the life span (e.g., early childhood, adolescence, elders) and in varied settings (homes, classrooms, group-care facilities, and communities). Discusses research methods and concepts (e.g., prediction, experimental control, reliability, validity) within scientific, psychological, and behavior-analytic frameworks. Presents strategies and tactics regarding descriptive and experimental methods, direct and indirect measurement, graphical and statistical analysis, and single-subject and group experimental designs. Examines ethics and social responsibility in research. Provides opportunities to read primary and secondary sources, develop research questions, write and present research proposals, and assist in the conduct of research projects. (Formerly HDFL 308.) Prerequisite: ABSC/HDFL 140 or ABSC/HDFL 304. LEC.

**ABSC 310. Building Healthy Communities. 3 Hours. SF AE51 / S.**
This course teaches knowledge and skills for addressing issues in community health and development (e.g., substance abuse, adolescent pregnancy, child and youth development, prevention of violence). Students learn core competencies such as analyzing community problems and goals, strategic planning, intervention, and evaluation. In a service-learning component, students apply these skills to issues that matter to them and to the communities they serve. (Formerly HDFL 310.) LEC.

**ABSC 311. Building Healthy Communities, Honors. 3 Hours. SF AE51 / S.**
This course teaches knowledge and skills for addressing issues in community health and development (e.g., substance abuse, adolescent pregnancy, child and youth development, prevention of violence). Students learn core competencies such as analyzing community problems and goals, strategic planning, intervention, and evaluation. In a service-learning component, students apply these skills to issues that matter to them and to the communities they serve. (Formerly HDFL 311.) Prerequisite: Open only to students in the University Honors Program. LEC.

**ABSC 342. Adult Development and Aging. 3 Hours. S.**
An overview of environmental, cultural, and biological influences of adult development and aging. Course material is organized in terms of topics, rather than presenting a chronological account. (Formerly HDFL 342.) Prerequisite: ABSC 100/101, ABSC/HDFL 140, ABSC/HDFL 150/151, or ABSC/HDFL 160. LEC.

**ABSC 350. The Behavioral Treatment of Children with Autism. 3 Hours. S.**
Students learn about methods of teaching children with autism and about evaluating those methods. Topics include: basic methods of teaching as applied to imitation, productive and receptive language, self-help skills, and engagement in community activities, as well as observation
and measurement of behavior in community settings and evaluating consumer satisfaction. The course consists of classroom lectures, discussions, demonstrations, examinations, and completion of laboratory and observation assignments. Enrollment priority is given to majors who intend to do practicum work with children with autism. (Formerly HDFL 350.) Prerequisite: ABSC/HDFL 304 or instructor permission. LEC.

ABSC 356. Foundations of Early Childhood Education. 3 Hours. S.
This course introduces students to the field of early childhood education. Contemporary perspectives and professional practices are examined through an analysis of historical and philosophical ideologies. (Formerly HDFL 356.) Prerequisite: ABSC/ HDFL 160 or instructor permission. LEC.

ABSC 360. Drugs, Addiction, and Behavior. 3 Hours. S.
This course offers an overview of the basic and applied research in behavioral pharmacology and addictions, as well as as interventions. Among the topics it covers are a history of drugs, addiction, and behavior; basic principles of drug action (e.g., pharmacodynamics); behavioral pharmacology testing paradigms (e.g., self-administration); drug action and effects (e.g., alcohol, nicotine, designer drugs, anti-depressants); behavioral deficits associated with addictions (e.g., memory); addiction treatment and recovery (e.g., maturing out, contingency management); and drugs and society. Prerequisite: ABSC 100. PSYC 104 is also recommended. LEC.

ABSC 405. Children and Media. 3 Hours. H.
The applied study of child development theories and research methods on the influences and effects of television and related visual media on childhood in the contexts of families, schools, and society. (Same as PSYC 405 and THR 405) (Formerly HDFL 405.) LEC.

ABSC 410. Behavioral Approaches in Working with Adolescents. 3 Hours. S.
Addresses some of the basic behavioral techniques used with juveniles who have problems in school, at home, or in the community: readings and role-playing sessions covering assessment of problems, relationship development, observing and defining behavior, teaching and contracting techniques, and counseling. (Formerly HDFL 410.) Prerequisite: ABSC/ HDFL 140; ABSC/ HDFL 304 highly recommended. LEC.

ABSC 425. Teaching Apprenticeship in Applied Behavioral Science. 3 Hours. S.
Students read new materials, become more fluent with ABSC 100 content, and acquire tutoring skills. Course may not be repeated. Prerequisite: ABSC 100 and consent of the instructor and department chair. LEC.

ABSC 433. Analysis of Cultural, Ethnic, and Gender Roles in Childhood and Adolescence. 3 Hours. S.
This course examines aspects of different cultures and ethnic groups, and the definitions of gender role behavior found in them. The research literature in these areas is reviewed and the implications for early childhood education settings are studied. The course examines this literature in order to provide an increased understanding of effective approaches to educational practices directly related to the structure of society in the United States. (Formerly HDFL 433.) Prerequisite: ABSC/ HDFL 160 or instructor permission. LEC.

ABSC 437. Independent Living and People with Disabilities. 3 Hours. S.
A multi-disciplinary seminar exploring theory, method, research, and practice in independent living. The course reviews personal and environmental factors as they relate to everyday problems affecting people with varying disabilities. It also contains service-learning activities in which students apply skills and knowledge gained in the classroom. (Formerly HDFL 437.) Prerequisite: An introductory course in social sciences or consent of the instructor. LEC.

ABSC 441. Ethical, Legal and Professional Issues in Applied Behavioral Science. 3 Hours. S.
The course covers ethical and legal issues in the responsible conduct of basic, applied, intervention and prevention research (e.g., informed consent and assent with typical and atypical populations); inclusion of underrepresented groups, participatory action research; bias, fraud, and plagiarism, conflict of interest; reporting misconduct; authorship conflict). It also covers professional issues in behavioral consultation and training, review of the Behavior Analysis Certification Board task list on basic behavior-analytic skills, client-centered responsibilities, and foundational knowledge. This course satisfies the Behavior Analysis Certification Board requirement for 15 classroom contact hours of coursework related to Ethical Considerations in Behavior Analysis needed to take the BACB examination. This course is taught at the 400 and 800 levels, with additional assignments at the 800-level. Prerequisite ABSC 308. LEC.

ABSC 444. Curriculum Development for Young Children. 3 Hours. S.
A survey of educational materials and activities appropriate for young children. Students explore several components of effective curriculum development (e.g., objectives, methods of activity presentation, teaching strategies) and learn to integrate them to construct curricula for a range of content and skill areas. By focusing on functional components of a curriculum, students learn to construct, critically evaluate, and modify curricula for typically and atypically developing children. Prerequisite: ABSC 304 or instructor permission. LEC.

ABSC 455. Health, Safety, and Nutrition in Early Childhood Development. 3 Hours. S.
This course addresses children’s health, safety, and nutritional needs and contemporary approaches to achieving wellness. Students develop analytical skills through reading, discussion, and application of theoretical and empirical concepts. Current research results are emphasized and applied to course problem sets and projects. (Formerly HDFL 455.) Prerequisite: ABSC/HDFL 160 or equivalent knowledge. LEC.

ABSC 469. Special Topics in: ____. 1-3 Hours. S.
A course designed for the study of special topics in applied behavioral science. Course content addresses major topics and specialized issues in the field. May be repeated for credit if the content differs. Prerequisite: Instructor permission. LEC.

ABSC 470. Organizational Behavior Management. 3 Hours. S.
This course offers detailed discussion of the organizational behavior management (OBM) literature including performance management, behavioral systems analysis, and behavior-based safety. This course also addresses empirically supported staff training procedures and research in implementation science. Students assist with OBM-relevant research and develop skills in both translational and applied OBM research. Prerequisite: ABSC 100. LEC.

ABSC 479. Study Abroad Topics in: ____. 1-5 Hours. S.
A course designed to enhance international experience in topic areas related to topics in applied behavioral science at the junior/senior level. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if the content differs. Prerequisite: Department permission. LEC.

ABSC 486. Issues in Parenting. 3 Hours. S.
Theoretical approaches to the study of parenting and parent-child relationships, techniques for analyzing common parenting problems, designing appropriate interventions, fostering effective communication skills, understanding issues of diversity, and promoting parent education programs. Professional collaboration and support of families and children
are emphasized throughout. Students develop analytical skills through reading, discussion, and application of theoretical and empirical concepts. (Formerly HDFL 486.) Prerequisite: ABSC/HDFL 160 or equivalent knowledge of child development or child psychology. LEC.

**ABSC 498. Directed Readings in: _____ 1-3 Hours. S.** A course designed for directed readings in applied behavioral science. Readings address major topics and specialized issues in the field. May be repeated for credit if the content differs. (Formerly HDFL 484.) Prerequisite: Instructor permission. IND.

**ABSC 499. Directed Research in: _____ 1-3 Hours. AE61 / S.** Basic and applied research experience. The course provides training in research methods, measures, and designs, and the conduct of research, in the behavioral sciences. May be repeated for credit if the content differs. Prerequisite: Instructor permission. RSH.

**ABSC 509. Contemporary Behavioral Science: Historical, Conceptual, and Comparative Foundations. 3 Hours. AE61 / S.** This course provides a survey of modern behavioral science and its applications. It reviews the field's history; integrates its sub-disciplines; situates it within the natural sciences, social sciences, and humanities; and compares and contrasts it with other perspectives. It covers recent advances in research, their implications for understanding human behavior, and their application to solving societal problems. And, it addresses the ethical implications of applied behavioral science. (Formerly HDFL/ PSYC 641.) Prerequisite: ABSC 100/101 or ABSC/HDFL 140, and ABSC/HDFL 304 or instructor permission. LEC.

**ABSC 535. Developmental Psychopathology. 3 Hours. S.** A review of contemporary psychological and developmental disorders of children and youth. Course presents current models of psychopathology, classification systems, assessment methods, and treatment approaches designed for the individual, the family, and the community. Specific attention is given to age, gender, and cultural differences and similarities. Topics include: anxiety disorders, oppositional behavior disorders, physical/sexual abuse, learning disabilities, depression, chronic physical illness, and autism. (Same as PSYC 535.) (Formerly HDFL 535.) Prerequisite: ABSC/HDFL 160 or PSYC 333, or instructor permission. LEC.

**ABSC 542. Applied Gerontology. 3 Hours. S.** This course will provide an overview of social and behavioral problems faced by older adults, people who provide for elders, and human service programs for elders. It also surveys empirically-derived intervention strategies designed to maintain abilities and reduce or eliminate problem behaviors experienced by elders or their caregivers. (Formerly HDFL 542.) Prerequisite: ABSC/HDFL 304 and ABSC/HDFL 308, or instructor permission. LEC.

**ABSC 555. Issues in Administering Early Childhood Services. 2 Hours. S.** This course provides an overview of professional, social, legal, and economic issues associated with the administration of early childhood services and programs. Emphasis is placed on theoretical principles, empirical research, and professional responsibilities inherent in the provision of quality service, including needs assessment, organizational skills, delivery systems, human resource management, communication skills, grant writing, legal and ethical considerations, and advocacy. (Formerly HDFL 555.) Prerequisite: Senior standing in the early childhood specialty area or instructor permission. LEC.

**ABSC 560. The Juvenile Justice System: A Behavioral and Legal Perspective. 3 Hours. S.** An overview of the juvenile justice system, including the history, development, and current controversy over children's rights in the legal system examined in light of relevant principles of behavioral science and behavioral systems of rehabilitation. Topics include delinquency, misconduct, status offenses, dependent-neglected children, child abuse, and juvenile court procedures and personnel (e.g., probation officers), and rehabilitative programs. (Formerly HDFL 560.) Prerequisite: ABSC 100. LEC.

**ABSC 562. Behavioral Community Psychology. 3 Hours. S.** A seminar that provides an overview of the history and origin of behavioral community psychology. The course examines the development and future of behavioral community psychology as an integration of two sub-disciplines, applied behavioral analysis and community psychology. Provides an integrated review of empirically-based behavioral interventions applied in community-based settings. Prerequisite: ABSC 100, or ABSC 150, or ABSC 310.or instructor permission. Course is offered at the 500 and 800 levels with additional assignments at the 800-level. LEC.

**ABSC 565. Applied Developmental Psychology. 3 Hours. S.** An advanced study of the application of theories and concepts of developmental and behavioral psychology to a range of specific issues and problems of childhood and adolescence. This course relies heavily on the empirical research literature. Topics include contemporary social issues and child development, research in applied settings, assessment, intervention, and prevention, as well as program evaluation. (Same as PSYC 565.) (Formerly HDFL 565.) Prerequisite: ABSC/HDFL 160 or PSYC 333, and ABSC/HDFL/ PSYC 535, LEC.

**ABSC 569. Honors and Thesis in Applied Behavioral Science. 1-5 Hours. AE61 / S.** A two-semester course combining small group discussions of selected, advanced topics in applied behavioral science with honors thesis supervision on a project of the student’s own design. Students normally enroll for one or two hours in fall semester and three to five hours in spring semester. (Formerly HDFL 486.) Prerequisite: ABSC 304, ABSC/ HDFL 308, and instructor permission. IND.

**ABSC 580. Special Projects in the Community. 1-10 Hours. S.** Structured opportunities to develop and apply knowledge and skills (e.g., analyzing problems, strategic planning, intervention, evaluation) in a project that addresses a community problem or goal. (Formerly HDFL 606.) Prerequisite: Instructor permission. IND.

**ABSC 620. Drug Abuse: From Basic Research to Public Policy. 3 Hours. S.** This course reviews basic and applied research in the social, behavioral, and neural sciences on how environmental variables, brain mechanisms, individual history, and cultural constraints interact and maintain drug abuse. Topics include the mechanisms of drug action; the safety, toxicity, stimulus properties, and functional impairments related to commonly abused drugs; common models of treatment and prevention; and historical and current legislative and judicial approach to drug abuse. (Formerly HDFL 620.) Prerequisite: A course in biology and a course in either applied behavioral science or psychology. LEC.

**ABSC 626. Psychology of Adolescence. 3 Hours. S.** Impact of factors of social environment and physical growth upon psychological development from puberty to young adulthood. (Same as PSYC 626.) Prerequisite: PSYC 104, PSYC 333, or HDFL/ABSC 160. LEC.

**ABSC 632. Advanced Child Behavior and Development. 3 Hours. S.** An advanced course in child development that includes a survey of the field’s principles and theoretical approaches, and current issues in research and practice. Topics will include: prenatal development, cognition and language, social-emotional development, socialization
influences in childhood, developmental psychopathology, and social policies. (Formerly HDFL 632.) (Same as PSYC 632.) Prerequisite: ABSC/HDFL 160, PSYC 333, or instructor permission, and senior or graduate status. LEC.

ABSC 671. Applied Behavior Analysis. 3 Hours. S.
This advanced course extends knowledge and skills in analyzing behavioral problems, designing interventions, and planning applied research projects. Topics include the selection of problems and target populations, analysis of problems/goals, designing measurement systems, developing interventions, and disseminating products from applied behavioral research. (Formerly HDFL 671) Prerequisite: ABSC/HDFL 304 or instructor permission. LEC.

ABSC 672. Applied Behavior Analysis, Honors. 3 Hours. S.
This advanced course extends knowledge and skills in analyzing behavioral problems, designing interventions, and planning applied research projects. Topics include the selection of problems and target populations, analysis of problems/goals, designing measurement systems, developing interventions, and disseminating products from applied behavioral research. Students design an intervention research project. Prerequisite: Open only to students in the University Honors Program; ABSC/HDFL 304 or instructor permission. LEC.

ABSC 675. Practicum in Infant-Toddler Care and Early Intervention I. 3-5 Hours. AE61 / S.
Experience in a classroom-based early intervention and child-care program serving children younger than 3 years. Students gain practical experience with care-giving and teaching practices appropriate for typically and atypically developing children. Students learn to develop and implement individualized curricula based on assessments of children's skills. (Formerly HDFL 558.) Prerequisite: ABSC/HDFL 444 (or concurrent enrollment) and instructor permission. FLD.

ABSC 676. Practicum in Infant-Toddler Care and Early Intervention II. 3-5 Hours. AE61 / S.
An advanced practicum providing experience in classroom-based early-intervention and child-care program serving children younger than 3 years. Students gain practical experience with care-giving and teaching practices appropriate for typically and atypically developing children. Students learn to develop and implement individualized curricula based on assessments of children's skills. (Formerly HDFL 559.) Prerequisite: ABSC/HDFL 444, HDFL 558 or ABSC 675, and instructor permission. FLD.

ABSC 677. Practicum in Preschool Education and Intervention I. 3-5 Hours. AE61 / S.
A one-semester practicum providing opportunities for students to assume responsibility for the education and guidance of young children in an early childhood program. Regularly scheduled individual and staff conferences enable students to evaluate personal growth and progress as teachers of young children. (Formerly HDFL 492) Prerequisite: ABSC/HDFL 444 (or concurrent enrollment) and instructor permission. Must also meet special state requirements for child care employees and volunteers. FLD.

ABSC 678. Practicum in Preschool Education and Intervention II. 3-5 Hours. AE61 / S.
A one-semester advanced practicum providing opportunities for students to assume responsibility for the education and guidance of young children in an early childhood program. Regularly scheduled individual and staff conferences enable students to evaluate personal growth and progress as teachers of young children. (Formerly HDFL 493.) Prerequisite: ABSC/HDFL 444, HDFL 492 or ABSC 677, and instructor permission. Must also meet special state requirements for child care employees and volunteers. FLD.

ABSC 679. Practicum in Behavior Analysis Research in Early Childhood Education. 1-6 Hours. AE61 / S.
A two-semester practicum providing opportunities for supervised training in one of several ongoing research projects in the field of behavior analysis, either basic or applied. Students assist in conducting research and participate in individual and group meetings to discuss and evaluate research and related methodological issues. (Formerly HDFL 688.) Prerequisite: ABSC/HDFL 308 and instructor permission. FLD.

ABSC 680. Practicum in Advanced Laboratory in the Development of Behavioral Treatments for Children with Autism. 1-6 Hours. AE61 / S.
Students participate in an intensive behavioral treatment program teaching language, social skills, self-help skills, and academic skills to young children with autism. Students learn: to develop and implement treatment programs; design and use of a system of data collection and analysis; and apply the principles and philosophy of community and school mainstreaming. (Formerly HDFL 550.) Prerequisite: ABSC/HDFL 350 and instructor permission. LAB.

ABSC 682. Organizational Behavior Management Practicum. 1-5 Hours. AE61 / S.
This practicum course is designed to provide training and support practice in addressing socially significant problems and goals of community-based organizations using behavior analysis to guide assessment and intervention. Additionally, this course promotes community-university partnerships to support change and improvement in organizations through service learning. All practicum students are required to have previously completed ABSC 100 and selected applied behavioral science as a major or minor. FLD.

ABSC 685. Practicum in Community-based Residential or Day Treatment Programs for Disabled Adults. 3-6 Hours. AE61 / S.
A one or two-semester practicum in which students are provided with the opportunity to work directly with developmentally disabled adults in either community-based residential or day treatment programs. Students are required to read relevant literature, carry out treatment programs, and participate in weekly meetings to discuss treatment goals and progress. (Formerly HDFL 696.) Prerequisite: ABSC/HDFL 304, ABSC/HDFL 410, and instructor permission. FLD.

ABSC 687. Practicum in Behavioral Gerontology. 1-6 Hours. AE61 / S.
A one or two-semester practicum providing opportunities for supervised training in behavioral gerontology. Students: (a) read literature in the area of their specific practicum setting such as adult day care, senior centers, nursing homes; (b) assist in collecting information relevant to evaluating the program effectiveness of their efforts on behalf of the elderly; and (c) participate in discussions and planning meetings relevant to maintenance and improvement of operation of the practicum. (Formerly HDFL 644.) Prerequisite: ABSC/HDFL 342 or ABSC/HDFL 542 and instructor permission. FLD.

ABSC 690. Practicum in Community Health and Development. 1-6 Hours. AE61 / U.
A two-semester practicum in which students engage in structured opportunities to practice core competencies related to the work of promoting community health and development (e.g., strategic planning, intervention, evaluation). In weekly group meetings, students prepare for their individual working field settings (e.g., health and human service agencies, research and advocacy organizations, community organizations). (Formerly HDFL 690). Prerequisite: ABSC/HDFL 150, ABSC/HDFL 310, and instructor permission. FLD.
ABSC 691. Practicum in Community Health and Development, Honors. 1-6 Hours. AE61 / U.
A two-semester practicum in which students engage in structured opportunities to practice core competencies related to the work of promoting community health and development (e.g., strategic planning, intervention, evaluation). In weekly group meetings, students prepare for their individual working field settings (e.g., health and human service agencies, research and advocacy organizations, community organizations). (Formerly HDFL 692.) Prerequisite: Open only to students in the University Honors Program; ABSC/HDFL 151, ABSC/HDFL 311 and instructor permission. FLD.

ABSC 692. Practicum in Basic Research. 3 Hours. AE61 / S.
Practical supervised training in the laboratory study of human and/or animal behavior. Students assist in conducting basic research, read and discuss research articles, attend lab meetings, and acquire data analysis and presentation skills. Prerequisite: ABSC 308 (or concurrent enrollment) and permission of the instructor. RSH.

ABSC 693. Practicum in Historical and Conceptual Foundations. 3-6 Hours. AE61 / S.
Practical supervised training in the historical and conceptual foundations of applied behavioral science (e.g., behavior analysis). Students research and read primary source literatures and write papers that advance our understanding of the field’s foundations (e.g., empirical, theoretical). Prerequisite: ABSC 100/101, ABSC 304, ABSC 308, and ABSC 509 (or concurrent enrollment), and permission of the instructor. IND.

ABSC 694. Practicum in Juvenile Problems. 3-6 Hours. AE61 / S.
A one-semester practicum providing opportunities for students to aid professionals in the development and implementation of behavioral treatment plans with adolescents. Regularly scheduled individual and group meetings enable the evaluation of the practicum students’ progress while working in the rehabilitative process for juveniles who have problems that can bring them into contact with the juvenile justice system. (Formerly HDFL 694.) Prerequisite: ABSC/HDFL 410, ABSC/HDFL 560, and instructor permission. FLD.

ABSC 695. Special Practicum in: _____. 3-6 Hours. S.
A one or two-semester practicum providing opportunities for supervised, hands-on training outside the existing specialty areas or their options. This practicum must be arranged with the prior approval of a faculty advisor and the department’s Undergraduate Curriculum Committee. Students should see an advisor about this practicum early in their junior year. Prerequisite: Instructor permission. FLD.

ABSC 696. Special Practicum in, Honors: _____. 3-6 Hours. S.
A one or two-semester practicum providing opportunities for supervised, hands-on training outside the existing specialty areas or their options. This practicum must be arranged with the prior approval of a faculty advisor and the department’s Undergraduate Curriculum Committee. Students should see an advisor about this practicum early in their junior year. Prerequisite: Open only to students in the University Honors Program and instructor permission. FLD.

ABSC 698. Special Research Practicum in: _____. 3-6 Hours. S.
A one or two-semester research practicum providing opportunities for supervised, hands-on research training outside the existing specialty areas or their options. This practicum must be arranged with the prior approval of a faculty advisor and the department’s Undergraduate Curriculum Committee. Students should see an advisor about this practicum early in their junior year. Prerequisite: Instructor permission. FLD.

ABSC 699. Special Research Practicum in, Honors: _____. 3-6 Hours. S.
A one or two-semester research practicum providing opportunities for supervised, hands-on research training outside of the existing specialty areas or their options. This practicum must be arranged with the prior approval of a faculty advisor and the department’s Undergraduate Curriculum Committee. Students should see an advisor early in their junior year about the practicum and its prerequisites and requirements. Prerequisite: Open only to students in the University Honors Program and instructor permission. FLD.

ABSC 701. Parenting in Modern Society. 3 Hours.
The theoretical study of parenting and parent-child relationships, techniques for analyzing common parenting problems, designing appropriate interventions, fostering effective communication skills, understanding issues of diversity, and promoting parent education programs are some of the issues addressed in this course. Professional collaboration and support of families and children are emphasized throughout. Students develop analytical skills through reading, discussion, and application of theoretical and empirical research. (Formerly HDFL 701.) Prerequisite: ABSC/HDFL 160 or equivalent knowledge of child development or child psychology. LEC.

ABSC 702. Curriculum Development for Young Children. 3 Hours.
A survey of educational materials and activities that are appropriate for young children (birth to age 8). Students explore several components of effective curriculum (e.g., objectives, effective methods of activity presentation, teaching strategies) and learn to combine them to construct curriculums for a range of content and skill areas. By focusing on the functional components of curriculums, students learn to construct, critically evaluate, and modify them for both typically developing children and children with special needs. A BACB® pre-approved course. (Formerly HDFL 702.) LEC.

ABSC 703. Leadership in Early Education Programs: Theory and Research. 3 Hours.
Effective leadership skills and professional roles associated with the administration of early childhood services and programs are examined in this course. Theoretical principles, empirical research, and professional responsibilities inherent in the provision of quality service, including needs assessment, organizational skills, delivery systems, human resource management, communication skills, grant writing, legal and ethical considerations, conflict resolution, and advocacy are explored through readings, discussion, and assigned projects. Not open to students who have completed ABSC 555. (Formerly HDFL 677.) Prerequisite: ABSC/HDFL 160 or equivalent knowledge of child development or child psychology. LEC.

ABSC 704. Research Practicum in Clinical Child Psychology. 3 Hours.
This course provides students in the Clinical Child Psychology Program with the opportunity to enhance and consolidate their research activities by fulfilling one of the elective cluster course requirements. This practicum involves a contract with a research advisor and the program director. The contract includes definable products and dates for completion to prepare research for submission for publication, develop a grant proposal, or conduct additional research project independent of other requirements in the program. The course is not to be taken as an overload, but is to be part of a full-time course schedule. May be repeated. (Same as PSYC 704.) (Formerly HDFL 704.) Prerequisites: Graduate standing in clinical child psychology and instructor permission. LEC.

ABSC 705. Pediatric Psychology. 3 Hours.
Discussion of behavior problems commonly encountered in the pediatric population, including reviews of data-based methodologies for
remediation. Topics include general child rearing skills, bedtime problems, enuresis, enopressis, toilet training, self-injurious behavior, temper tantrums, behavior in community settings, child abuse, psychotropic drugs for children, adolescent behavior problems and selection of children’s play materials. (Formerly HDFL 705.) Prerequisite: ABSC/HDFL 160, ABSC/HDFL 632, or PSYC 602. LEC.

**ABSC 706. Special Topics in Clinical Child Psychology: 3 Hours.**
A course offering detailed discussion of the literature and research methods of a special topic within clinical child and pediatric psychology. Topic and instructor may change by semester and will be announced in the Schedule of Classes. May be repeated. (Same as PSYC 706.) (Formerly HDFL 706.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. LEC.

**ABSC 709. Biology and Behavior. 3 Hours.**
A course on the role of physiology and anatomy in behavior, with an emphasis on their participation in the basic behavioral processes and in typical and atypical behavioral development. The course also addresses issues in measurement and current research. (Formerly HDFL 709.) Prerequisite: ABSC/HDFL 796; ABSC/HDFL 798 recommended. LEC.

**ABSC 710. Community Health and Development. 3 Hours.**
This course extends knowledge and skills for addressing issues in community health and development (e.g., substance abuse, adolescent pregnancy, child and youth development, prevention of violence). Students learn core competencies such as analyzing community problems and goals, strategic planning, intervention, and evaluation, and then apply these skills to issues that matter to them and to the communities they serve. (Formerly HDFL 710.) (Same as ISP 871.) LEC.

**ABSC 716. Experimental Problems in Community Settings. 1-5 Hours.**
Research in the experimental design and analysis of community settings. No more than 10 hours total. (Formerly HDFL 716.) Prerequisite: Instructor permission. RSH.

**ABSC 719. Experimental Field Work in Community Settings. 1-5 Hours.**
Instruction in the methods and techniques of the experimental design and analysis of community settings through supervised participation in established research programs. Emphasizes the techniques of gathering original experimental data. No more than 10 hours total. (Formerly HDFL 719.) Prerequisite: Instructor permission. RSH.

**ABSC 721. Biological Bases of Mental Retardation. 4 Hours.**
This course deals with the biological substrates of mental retardation. Retardation is classified as a medical syndrome, rather than by behavioral patterns, but behavioral peculiarities are addressed where relevant. Attention is directed to both genetic causes such as the chromosomal anomalies (e.g., Mongolism) and molecular and metabolic errors (e.g., phenylketonuria), as well as to the environmentally produced retardation by nutritional deficiency, prenatal rubella, and brain trauma. (Formerly HDFL 721.) Prerequisite: One course in biology or equivalent. LEC.

**ABSC 723. Adolescent Adjustment. 3 Hours.**
An overview of adolescence with primary emphasis on various adjustment difficulties and respective therapeutic approaches. Content to provide perspectives on relevant practice, research, theory, and contemporary social forces. (Formerly HDFL 723.) Prerequisite: Instructor permission. LEC.

**ABSC 725. Research Methods and Application. 3 Hours.**
Surveys research methods used to identify, describe, understand, and intervene on socially important problems occurring across the life span (e.g., early childhood, adolescence, elders) and in varied settings (homes, classrooms, group-care facilities, and communities). Discusses research methods and concepts (e.g., prediction, control, reliability, validity) within scientific, psychological, and behavior-analytic frameworks. Presents strategies and tactics regarding descriptive and experimental methods, direct and indirect measurement, graphic and statistical analysis, and single-subject and group experimental designs. Examines ethics and social responsibility in research. Provides opportunities to read secondary and primary sources, develop research questions, write and present research proposals. (Formerly HDFL 725.) Prerequisite: Instructor permission. RSH.

**ABSC 730. Developmental Neurobiology. 3 Hours.**
This course consists of lectures and discussion sessions on topics that describe the structural and functional maturation of the nervous system. The areas covered deal with the morphological, physiological, and biochemical changes in the developing central nervous system of vertebrates (including human infants), and with the interaction of the external environment with some of these maturational processes. Prerequisite: Introductory human development, psychology, or biology course. LEC.

**ABSC 735. Within Subjects Research Methodology and Direct Observation. 3 Hours.**
A graduate level introduction to the logic of experimentation, direct observation strategies, and research conducted using individual (e.g., single subject) and time series experimental designs. An ABA-accredited and BACB® pre-approved course. (Formerly HDFL 735.) Prerequisite: Graduate standing in applied behavioral science or instructor permission. LEC.

**ABSC 741. Readings in Gerontology. 3-5 Hours.**
Supervised readings in topical areas of gerontology. A program of study, conferences, and reports are developed by the instructor and student. (Formerly HDFL 741.) Prerequisite: Instructor permission. RSH.

**ABSC 742. Research in Gerontology. 1-10 Hours.**
Original investigations of some unsolved problems relating to adult development and aging. (Formerly HDFL 742.) Prerequisite: Graduate standing or instructor permission. RSH.

**ABSC 756. Philosophical Bases of Early Childhood Education. 3 Hours.**
Historical influences and current theoretical models of early childhood education are addressed through a survey and analysis of the literature. Not open to students who have completed ABSC 356. (Formerly HDFL 756.) Prerequisite: ABSC/HDFL 160 or equivalent knowledge of child development or child psychology. LEC.

**ABSC 765. Evaluating and Disseminating Scientific Material 1. 1-3 Hours.**
Intensive training in the evaluation and production of scientific critiques and reviews of current issues in the analysis of behavior, as disseminated through the media. May be repeated. (Formerly HDFL 765.) Prerequisite: Instructor permission. LEC.

**ABSC 787. Gerontology Proseminar. 3 Hours.**
A proseminar coordinated by the Gerontology Center. The proseminar explores essential areas of gerontology for researchers and practitioners, providing a multidisciplinary (e.g., psychology, biology, sociology, communication) perspective on aging. The proseminar surveys contemporary basic and applied research, service programs, and policy and management issues in gerontology. (Same as AMS 767, COMS 787, PSYC 787, and SOC 767.) (Formerly HDFL 787.) LEC.

**ABSC 788. Designing Early Education Environments. 3 Hours.**
This course reviews empirically-supported strategies for designing effective and socially valid care and education environments for
ABSC 796. Laboratory in Behavioral Development and Modification: The Analysis of Behavior I. 3 Hours.
An introductory graduate laboratory course on the basic principles of behavior, and related procedures for producing behavioral change, with nonhuman subjects. The principles and procedures have special relevance to analogous processes in child development, both normal and deviant. An ABA-accredited and BACB® pre-approved course. (Formerly HDFL 796.) Prerequisite: Instructor permission. LAB.

ABSC 797. Proseminar in Child Language. 2 Hours.
A review and discussion of current issues in children's language acquisition. May be repeated for credit. Students are graded S/F. (Same as LING 799, PSYC 799 and SPLH 799.) (Formerly HDFL 797.) LEC.

ABSC 798. Conceptual Foundations of Behavior Analysis. 3 Hours.
A master's-level graduate seminar on the field's conceptual foundations, with special emphasis on behavior analysis and its application - applied behavior analysis. The course addresses the field's history, philosophy of science, and disciplinary purview; its advanced behavioral principles and processes; its analyses of various content domains in the behavioral, social, and cognitive sciences (e.g., emotion, language, cognition, culture); and its relation to other disciplines (e.g., biology, psychology, anthropology). It also considers professional issues in, for example, the ethical conduct of research and practice. An ABA-accredited and BACB pre-approved course. Prerequisite: ABSC 796 or instructor permission. SEM.

ABSC 801. Design and Analysis of Community Development Methods. 1-6 Hours.
An examination of principles and practices of community development and evaluation of methods used to promote community improvement. May be repeated if the content differs. (Formerly HDFL 801.) Prerequisite: Instructor permission. RSH.

ABSC 802. Behavior Analysis in Developmental Disabilities. 3 Hours.
A graduate seminar that includes an overview of the behavioral characteristics of various developmental disabilities and examination of empirically-supported behavioral approaches to the study and treatment of developmental disabilities. Topics will include classification and etiology, motivation, methods for developing appropriate skills, assessment and treatment of behavior disorders, staff training, and legal and ethical issues related to treatment. Prerequisite: ABSC 796 and instructor permission. LEC.

ABSC 803. Fundamentals of Psychological Assessment and Intervention with Children. 3 Hours.
Lecture and supervised experience covering the theoretical and empirical literature on assessment and intervention methods for children, adolescents, and families. Students will learn and demonstrate evidence-based clinical interviewing skills, behavioral observation techniques, risk assessment techniques, therapeutic communication approaches, strategies for providing assessment feedback to families, and ethical principles related to the provision of assessment and psychotherapy (including client file and resource management.) The course requires interaction with clinical populations and communication with referral sources. (Same as PSYC 803.) Prerequisite: Graduate student in clinical child psychology program. LEC.

ABSC 804. Research in Community Health Promotion. 1-6 Hours.
Supervised, original investigations of problems relevant to community health, such as the prevention of substance abuse or promotion of child outcomes. As appropriate, the course is focused on any combination of: literature research, research planning, and preparation conducting research, analyzing data, writing research reports, or preparing oral reports of completed research. (Formerly HDFL 804.) Prerequisite: Instructor permission. RSH.

ABSC 805. Functional Behavioral Assessment. 3 Hours.
The strategies, tactics, and ethics of functional assessment are presented in the larger context of behavioral assessment (e.g., nomothetic and idiosyncratic approaches). Research articles relevant to indirect, descriptive, and experimental functional assessment approaches and assessment-based interventions are carefully reviewed to determine the appropriate conditions for each type of assessment and intervention. (Formerly HDFL 805.) Prerequisite: ABSC 796 and instructor permission. LEC.

ABSC 806. Functional Behavioral Assessment Practicum. 1-6 Hours.
This course provides supervised experience in the use of functional behavioral assessment in home, clinic, or educational environments with young children presenting problem behaviors. (Formerly HDFL 806.) Prerequisite: ABSC 805 and instructor permission. FLD.

ABSC 807. Design and Evaluation of Community Health Promotion Methods. 1-6 Hours.
An examination of the methods used to develop and evaluate community health promotion programs. The course addresses topics of interest to participants, such as substance abuse, adolescent pregnancy, or child outcomes. May be repeated for credit if the content differs. (Formerly HDFL 807.) Prerequisite: Instructor permission. RSH.

ABSC 809. Professional Issues: Clinical Child Psychology. 1 Hour.
Consideration of special problems confronting the child and family oriented scientist-practitioner, and in the development of a professional identity. Topics include critical issues, including ethical, legal, cultural, and clinical aspects of research and practice. May be repeated. (Formerly HDFL 809.) (Same as PSYC 809.) Prerequisite: Graduate standing in clinical child psychology. LEC.

ABSC 810. Introduction to Developmental Assessment. 3 Hours.
A course covering the general principles of developmental assessment from birth through adulthood, with special emphasis on the history and nature of assessment instruments and the criteria for acceptance, reliability, and stability of results. Selected assessment techniques for infants, preschool children, elementary school children, adolescents, and adults are reviewed and evaluated for their utility, limitations, and applications. A critical analysis of assessment in general and particular assessment tools is made. (Formerly HDFL 810.) LEC.

ABSC 811. Achievement and Intellectual Assessment in Clinical Child Psychology. 3 Hours.
Course covers the basic theory, research, administration, and reporting of psychological assessment of development, intelligence, and achievement for children, adolescents, and adults within cultural and developmental contexts. The range of psychological instruments examined includes, for example, WIAT, K-ABC, W-J, S-B, WISC, WAIS, and WPPSI. (Same as PSYC 811.) Prerequisite: Graduate student in clinical child psychology. LEC.
ABSC 812. Behavioral and Personality Assessment of Children. 3 Hours.
Lecture, laboratory, field work, and supervision. Theory and applications in the psychological evaluation of children with standardized assessment techniques. The administration, scoring, interpretation, and reporting of behavioral and personality functioning in children. (Formerly HDFL 812.) (Same as PSYC 812.) Prerequisite: Graduate standing in clinical child psychology. LEC.

ABSC 813. Behavioral Science Research Proseminar. 1-3 Hours.
A master’s level professional seminar in which faculty and students present research proposals; offer formal presentations of completed empirical research, reviews of the literature, and other areas of scholarship; and engage discussion about contemporary empirical, conceptual, and professional issues in applied behavioral science. May be repeated for a total of six credits. (Formerly HDFL 813.) Prerequisite: Graduate standing in applied behavioral science or instructor permission. LEC.

ABSC 814. Advanced Child and Family Assessment. 3 Hours.
Lecture, laboratory, field work, and supervision. Supervised experience in specialized psychological assessment approaches for children and families. Emphasis on interviewing, observation, psychometric scales, consultation, rationale, administration, analysis, and reporting of mental health functioning of children and families. Experience with clinical populations, and communication with referral sources. (Formerly HDFL 814.) (Same as PSYC 814.) Prerequisite: Graduate student in clinical child psychology. LEC.

ABSC 820. Advanced Child Development. 3 Hours.
A survey of the basic empirical research in the field of child development, covering intelligence, cognition, perception, attention, personality, social behavior, and socialization processes. These literatures are integrated and implications for social application are addressed. (Formerly HDFL 820.) (Same as PSYC 820.) Prerequisite: A course in child development or equivalent. LEC.

ABSC 821. Behavior Analysis of Child Development. 3 Hours.
An advanced graduate seminar on the behavior-analytic approach to child development. Students examine the behavior-analytic view of child development and compare and contrast this approach with other systems for understanding development. Students also review and critically evaluate current and seminal literature related to several different developmental domains (e.g., motor, emotional, social, cognitive development) and explore implications for the application of current knowledge. An ABA-accredited and BACB® pre-approved course. (Formerly HDFL 821.) Prerequisite: ABSC 798 and consent of instructor. LEC.

ABSC 822. Children and Public Policy. 3 Hours.
This course examines how public policies affect the development of children. Includes examination of child and family policy in the United States and other countries, policy-related research on children, major policy issues affecting children, and child advocacy. (Formerly HDFL 822.) Prerequisite: Instructor permission. LEC.

ABSC 824. Treatment of Severe Learning Problems. 3 Hours.
The course reviews new approaches to working with persons with retardation and autism; theoretical orientations and how they affect implementation of procedures; and current research outcomes in various developmental areas of persons with retardation. It covers approaches used with persons through the life span, from childhood through adulthood, that are based on ecological and stimulus control variables. Ethical and practical implications are the focus of class lectures and discussions. (Formerly HDFL 824.) LEC.

ABSC 825. Social Development. 3 Hours.
A lecture and discussion course in social development. It includes such topics as theoretical approaches to the study of social development, as well as the literature on family processes, peer relations, aggression and prosocial behavior, child abuse and neglect, family violence, child care, and the media. (Same as PSYC 825.) (Formerly HDFL 880.) Prerequisite: A course in child psychology or development. LEC.

ABSC 828. Research in Early Intervention with Children. 3 Hours.
A seminar on current issues in assessment and intervention for young children who are at risk for or who have special needs. Provides foundation for evaluating and understanding research in early intervention. Includes historical, conceptual and legislative underpinnings of early intervention, risk factors affecting development, methodological issues in early intervention research, best practice standards, and applications to social, language, and pre-academic domains. (Formerly HDFL 828.) LEC.

ABSC 831. Science of Human Behavior. 3 Hours.
A graduate seminar on the analysis of human behavior, grounded in basic behavioral principles. The focus is on the process and products of human development, among them motivation/emotion, social behavior, personality, sensation/perception, language, cognition, creativity, attitudes/beliefs, consciousness/unconsciousness, purpose/will, and values. The course is pre-approved by the Behavior Analysis Certification Board® for its BCBA® certification requirements. Prerequisite: ABSC 798 and Master’s degree in Applied Behavioral Science or instructor permission. SEM.

ABSC 834. Directed Readings in Community Health Promotion. 1-5 Hours.
Supervised readings in topical areas of community health promotion, such as the prevention of substance abuse and promotion of child outcomes. A program of study, conferences, and reports is developed by the instructor and student. (Formerly HDFL 834.) RSH.

ABSC 837. Advanced Study of People with Disabilities. 3 Hours.
This course reviews major approaches in identifying disability pathogenesis and explores the biological bases of selected congenital physical disabilities, and etiologies of selected acquired physical disabilities. Rehabilitation approaches and the role of scientist-practitioners in working with people with disabilities are also discussed. This course primarily covers adults with physical disabilities. (Formerly HDFL 837.) Prerequisite: Graduate standing or instructor permission. LEC.

ABSC 840. Theoretical Concepts of Human Development and Child Care Practice. 3 Hours.
Basic introduction to treatment concepts and procedures related to child development and child-care programs. The major goal is to provide a theoretical framework that is effective in dealing with various types of child deviancy. (Formerly HDFL 840.) Prerequisite: Graduate standing or instructor permission. LEC.

ABSC 841. Ethical, Legal, and Professional Issues in Applied Behavioral Science. 3 Hours.
The course covers ethical and legal issues in (a) the responsible conduct of basic, applied, and intervention research (e.g., informed consent and assent with typical and atypical populations; inclusion of underrepresented groups; bias, fraud, and plagiarism in data collection and reporting; conflict of interest; reporting misconduct; authorship) and (b) professional issues in teaching, research, and service (e.g., written and presented scientific communication; grant preparation; the journal review process; cultural competence; teaching; vita preparation). The course will also include instruction in the preparation of editorial reviews for manuscripts submitted for publication to in peer-reviewed journals, in partial fulfillment
of the department's doctoral requirement for preparing editorial reviews. A BACB pre-approved course. Prerequisite: Graduate standing in applied behavioral science. LEC.

**ABSC 846. Practicum in Clinical Child Psychology I. 1-3 Hours.**
Lecture, laboratory, field work, and supervision appointment. Psychological evaluation and treatment of children and their families; supervised, progressive experience in psychological interventions in clinical child psychology. (Same as PSYC 846.) (Formerly HDFL 846.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. LEC.

**ABSC 847. Practicum in Clinical Child Psychology II. 1-3 Hours.**
A continuation of ABSC 846/PSYC 846. (Formerly HDFL 847.) (Same as PSYC 847.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. LEC.

**ABSC 848. Applied Gerontology: Practice and Intervention. 3 Hours.**
A survey of intervention research in gerontology. Program evaluations designed to determine the effectiveness of community-based interventions, current social service delivery practice, and contemporary social policies are examined. An ABA-accredited and BACB® pre-approved course. (Formerly HDFL 848.) LEC.

**ABSC 856. An Interdisciplinary Approach to Intervention with the Handicapped. 3 Hours.**
This course surveys knowledge from various disciplines that address developmental disabilities across the life span. Its focus is on designing strategies for individual intervention and treatment programs by an interdisciplinary team. Designed for students in social work, speech pathology, psychology, nutrition, audiology, special education, physical therapy, nursing, child development, behavior analysis, and related fields. (Formerly HDFL 707.) Prerequisite: A basic course in child development or instructor permission. LEC.

**ABSC 861. Applied Behavior Analysis. 3 Hours.**
This advanced course extends knowledge and skill in analyzing behavioral problems, designing interventions, and planning applied research projects. Topics include the selection of problems and target populations, analysis of problems and goals, designing measurement systems, developing interventions, and disseminating products from applied behavioral research. Students use examples from their own applied research. An ABA- accredited and BACB® pre-approved course. (Formerly HDFL 871.) LEC.

**ABSC 862. Behavioral Community Psychology. 3 Hours.**
A seminar that provides an overview of the history and origin of behavioral community psychology. The course will examine the development and future of behavioral community psychology as an integration of two sub-disciplines, applied behavior analysis and community psychology. The course will provide an integrated review of empirically-based behavioral interventions applied in community-based settings. The course is offered at the 500 and 800 levels with additional assignments required at the 800-level. Prerequisite: ABSC 796, or ABSC 710, or instructor permission. SEM.

**ABSC 865. Applied Behavior Analysis in Complex Organizations. 3 Hours.**
An examination of the theory, principles, and methods of behavior analysis and their applications to problems of human behavior in complex organizations such as businesses, industries, human service organizations, and governments. (Formerly HDFL 888.) Prerequisite: Graduate standing or instructor permission. LEC.

**ABSC 866. Service System and Consumer Issues in Developmental Disabilities. 3 Hours.**
This course provides a service-system perspective on developmental disabilities. Students learn (a) how service systems have developed for people with developmental disabilities; (b) about service systems from the perspective of agency administrators, program evaluation, and public and private payment systems (e.g., health insurance, Medicaid, Medicare, CHIPS, Title V); and (c) from consumers, themselves, about the barriers they face in obtaining needed services. Finally, students learn about advocating for service-system change at a consumer, program, and policy level. Prerequisite: Graduate standing or instructor permission. LEC.

**ABSC 870. Practicum I in Behavioral Psychology. 1-6 Hours.**
Instruction and supervised laboratory or field work for master's students. Practica are offered by different instructors on different topics; may be repeated for credit if the content differs. Topics and instructors are announced in the Schedule of Classes. Prerequisite: Graduate standing in applied behavioral science or instructor permission. LEC.

**ABSC 871. Practicum I in Behavior Analysis: _____ 1-6 Hours.**
Instruction and supervised laboratory or field work for master's students. Practica are offered by different faculty members on different topics; may be repeated for credit if the content differs. Topics and instructors are announced in the Schedule of Classes. (Formerly HDFL 873.) Prerequisite: Graduate standing in applied behavioral science or instructor permission. LEC.

**ABSC 872. Practicum I in: _____, 1-6 Hours.**
Instruction and supervised laboratory or field work for master's students. Practica are offered by different faculty members on different topics; may be repeated for credit if the content is different. Topics and instructors are announced in the Schedule of Classes. Prerequisite: Graduate standing in applied behavioral science or instructor permission. LEC.

**ABSC 873. Practicum in Educational Psychological/Rehabilitative Services: _____, 3-6 Hours.**
This course is for students who wish to complete practicum experiences in services related to persons with retardation, autism, or physical disabilities in programs in various settings, such as the Ann Sullivan Center in Lima, Peru and the Algeria School in Paraguay. The course is designed to give interested students opportunities to work with professionals in these programs on a semester or summer basis. The course consists of participation in professional activities associated with the practicum program and a report of these activities to the instructor. (Formerly HDFL 789.) Prerequisite: Instructor permission. LEC.

**ABSC 874. Practicum in Consumer Evaluation of Behavior Programs. 3-6 Hours.**
A practicum course designed to provide students with the knowledge, background, and practical experience in the conduct of consumer evaluations for behavioral treatment programs. (Formerly HDFL 855.) Prerequisite: Instructor permission. LEC.

**ABSC 875. Practicum in Community Health Promotion. 1-6 Hours.**
A practicum course designed to provide students with knowledge, background, and practical experience in the implementation of community health promotion projects and their evaluation. May be repeated for credit if the content differs. (Formerly HDFL 808.) Prerequisite: Instructor permission. LEC.

**ABSC 876. Practicum in Community Development. 1-6 Hours.**
A practicum course designed to provide students with knowledge, background, and practical experience in the implementation of community improvement projects and their evaluation. May be repeated for credit if the content differs. (Formerly HDFL 802.) Prerequisite: Instructor permission. LEC.
ABSC 877. Advanced Practicum in Gerontology. 1-6 Hours. 
Supervised practical experience in working with elders in home, 
community, or institutional settings. Regular individual conferences with 
faculty are used to evaluate student progress. (Formerly HDFL 849.) 
Prerequisite: Graduate standing or instructor permission. FLD.

ABSC 880. Early Childhood Practicum for Allied Professionals. 1-6 
Hours. 
Professionals in fields such as journalism, social welfare, and psychology 
may have career interests that include work with or on behalf of 
young children. This practicum provides students with individualized 
opportunities to work with young children in a group setting in order 
to extend their professional skills. (Formerly HDFL 790.) Prerequisite: 
Instructor permission. FLD.

ABSC 881. Early Childhood Care and Intervention Practicum I. 1-6 
Hours. 
A course covering the specification of learning goals and the 
implementation and evaluation of curriculum design management of 
groups of young children. May be repeated for no more than a total of six 
credit hours. (Formerly HDFL 791.) Prerequisite: Instructor permission. 
FLD.

ABSC 882. Early Childhood Care and Intervention Practicum II. 1-6 
Hours. 
A course to assess and teach skills in diagnosis and evaluation of 
particular problems in the developmental process of young children 
(1-5 years of age), and to design and implement interventions. May be 
repeated for no more than a total of six credit hours. (Formerly HDFL 792.) Prerequisite: ABSC 791 and instructor permission. FLD.

ABSC 883. Early Childhood Administration Practicum. 1-6 Hours. 
Experiences in understanding and developing parent satisfaction with 
care arrangements for their child(ren), providing services to personnel 
responsible for care and development of young children, and/or 
maximizing use of available services for young children on their behalf. 
May be repeated for no more than a total of six credit hours. (Formerly 
HDFL 793.) Prerequisite: ABSC 791 and instructor permission. FLD.

ABSC 884. Early Childhood Early Intervention Practicum. 1-6 Hours. 
Laboratory teaching in an early childhood classroom that includes 
children who are developmentally delayed, demonstrate behavioral or 
learning difficulties, or have other developmental disabilities. Experience 
includes individualized programming for children with special needs, 
as well as group management and group curriculum planning. May be 
repeated for no more than a total of six credit hours. (Formerly HDFL 794.) Prerequisite: ABSC 791 and instructor permission. FLD.

ABSC 885. Early Childhood Teacher Training Practicum. 1-6 Hours. 
Experience in supervising staff who work in programs for young 
children. Supervision includes orienting, monitoring, and evaluating 
staff performance; opportunities for interaction with other professionals; 
experience in facilitating staff communication; and consulting on research 
projects. (Formerly HDFL 795.) Prerequisite: ABSC 791 and instructor 
permission. FLD.

ABSC 886. Developmental Assessment Practicum: _____. 1-6 Hours. 
This course provides direct experience in the developmental assessment 
of a selected age group, such as infants, preschool and elementary 
children, adolescents, or adults. It may be repeated providing the age 
group specification is not repeated. (Formerly HDFL 811.) Prerequisite: 
HDFL 810 or an equivalent course. FLD.

ABSC 887. Clinical Practicum in Pediatric Psychology. 1-6 Hours. 
Supervised experience with pediatric patients referred for behavior 
problems, including, for example, temper tantrums, enuresis, encopresis, 
and hyperactivity. Also includes evaluation and treatment of children with 
commonly encountered behavior problems. In addition, students observe 
pediatric staff performing appropriate physical exams and observe the 
interaction between the medical staff and the pediatric psychologist. 
(Formerly HDFL 823.) Prerequisite: ABSC 705 and instructor permission. 
FLD.

ABSC 888. Diversity Issues in Clinical Psychology. 3 Hours. 
Review of individual differences pertaining to culture, ethnicity, 
race, gender, sexual orientation, age, etc., as these have an impact 
on theory, research, assessment, and treatment issues in clinical 
psychology. (Same as PSYC 888.) Prerequisite: Graduate status in 
clinical psychology, or consent of instructor. LEC.

ABSC 890. Seminar in: _____. 3 Hours. 
A seminar for master’s level students. It examines basic and applied 
research literatures in specialized fields of applied behavioral science. 
May be repeated for credit if the content differs. (Formerly HDFL 701.) Prerequisite: Graduate standing in applied behavioral science or instructor 
permission. LEC.

ABSC 891. Research in: _____. 1-6 Hours. 
Supervised research investigations in basic or applied behavioral science 
for master’s students. The course introduces observational measurement, 
research methods and designs, and the conduct of research in the 
behavioral sciences. May be repeated for credit if the content is different. (Formerly HDFL 800.) Prerequisite: Graduate standing or instructor 
permission. RSH.

ABSC 892. Readings in: _____. 1-3 Hours. 
An individual, supervised study of recent research and scholarship 
for master’s students. The course emphasizes current scholarship in 
selected areas of basic and applied behavioral science and its conceptual 
foundations. Designed for students whose needs cannot be met in other 
courses. May be repeated for credit if the content differs. (Formerly HDFL 833.) Prerequisite: Graduate standing or instructor permission. RSH.

ABSC 893. Special Topics in: _____. 1-3 Hours. 
A research and readings course for master’s students. It allows them 
to concentrate their studies on selected basic and applied problems in 
behavioral science and carry out independent research. May be repeated 
for credit if the content differs. (Formerly HDFL 722, HDFL 724, HDFL 
725, HDFL 799.) Prerequisite: Graduate standing or instructor 
permission. LEC.

ABSC 894. Study Abroad Topics in: _____. 1-3 Hours. 
A course designed to enhance international experience in topic areas 
related to behavioral science for master’s students. May be repeated 
for credit if the content differs. Prerequisite: Graduate standing or instructor 
permission. LEC.

ABSC 897. Master’s Thesis in Clinical Child Psychology. 1-10 Hours. 
Supervised research experience for completing the thesis leading to 
master’s degree. Graded on a satisfactory/unsatisfactory basis. (Formerly 
HDFL 897.) (Same as PSYC 897.) Prerequisite: Graduate standing in 
clinical child psychology and instructor permission. RSH.

Supervised research experience for the thesis leading to a master’s 
degree in applied behavioral science. May be repeated. Graded on a 
satisfactory/unsatisfactory basis. (Formerly HDFL 899.) Prerequisite: 
Graduate standing in applied behavioral science or instructor permission. 
THE.

ABSC 900. Self-Control, Impulsivity, and Human Addictive Disorders. 
3 Hours. 
This course examines basic research designed to explore variables 
affecting animal and human decision making; particularly decisions
ABSC 905. Psychopathology in Children. 3 Hours.
Diagnosis and treatment of psychological problems in childhood and adolescence. Preference given to graduate students in child clinical psychology, school psychology, and counseling psychology. (Same as PSYC 905.) Prerequisite: Fifteen hours of graduate credit in psychology or consent of instructor. LEC.

ABSC 908. Psychotrophic Drugs: Effects Through the Life Span. 3 Hours.
This course covers basic pharmacological concepts, neuropharmacological principles, and the therapeutics of drug effects on behavior. Special attention is given to age and history as influences in psychopharmacological outcomes. (Formerly HDFL 908.) LEC.

ABSC 913. Behavioral Science Research Proseminar. 1-3 Hours.
A doctoral level professional seminar in which faculty and students present research proposals; offer formal presentations of completed empirical research, reviews of the literature, and other areas of scholarship; and engage discussion about contemporary empirical, conceptual, and professional issues in applied behavioral science. May be repeated for a total of eight credits. (Formerly HDFL 913.) Prerequisite: Graduate standing in behavioral psychology or instructor permission. LEC.

ABSC 920. Seminar in Language Development. 3 Hours.
The course pertains to relevant research regarding infant speech development, vocabulary development, linguistic development, articulation development, and language retardation. (Same as SPLH 966.) (Formerly HDFL 920.) LEC.

ABSC 921. The History and Systems of Psychology. 3 Hours.
An advanced graduate seminar on the history of psychology and its systems, and their relations to contemporary psychology. Pertinent issues in the history and philosophy of science are addressed (e.g., scientific revolutions), as are concerns in the historiography of psychology (e.g., presentism). (Formerly HDFL 891.) Prerequisite: Master’s degree or instructor permission. LEC.

ABSC 931. Verbal Behavior. 3 Hours.
An advanced graduate seminar on the analysis of the verbal behavior of the proficient speaker and the biological, environmental, and motivational factors affecting it. Structural and developmental issues, as well as implications for language training and remediation are integrated throughout. Critiques and rebuttals are examined, along with current empirical and conceptual advances in research and theory. An ABA-accredited and BACB® pre-approved course. (Formerly HDFL 831.) Prerequisite: ABSC 798, advanced coursework in psycholinguistics or linguistics, or instructor permission. LEC.

ABSC 934. Directed Readings in Clinical Child Psychology. 3-5 Hours.
Designed to meet the needs of advanced students whose study in clinical child psychology cannot be met with present courses or for whom advanced work is desired in a specialized area of study. (Formerly HDFL 934.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. RSH.

ABSC 935. Experimental Foundations of Applied Behavior Analysis. 3 Hours.
A graduate level introduction to basic behavioral research. This course surveys seminal and current research in the experimental analysis of behavior and relates this work to research and practice in applied behavior analysis. Topics include respondent conditioning, complex schedule performance, avoidance, stimulus control, and choice. Prerequisite: ABSC 798 and consent of instructor. LEC.

ABSC 940. Measurement and Experimental Design for Applied Research. 3 Hours.
This is an advanced course on research methods helpful in the development, evaluation, and dissemination of effective and sustainable behavior-analytic programs. The practices examined involve (a) selecting non-reactive measures of staff implementation behaviors; (b) selecting effective and sustainable components of a staff management program; and (c) experimentally analyzing the effectiveness and sustainability of the staff management program. Particular emphasis is placed on the analysis of the principles of behavior that determine the maintenance of staff interventions and, therefore, the survival of behavioral programs in their post-research phase. Students read and discuss the literature on factors that promote or impede program survival. Students design an intervention program using the practices examined in the course, simulate an experimental analysis of the program, and write a JABA-style manuscript describing the program and their simulated data. An ABA-accredited and BACB® pre-approved course. (Formerly HDFL 940.) Prerequisite: ABSC/HDFL 735 or HDFL 803, ABSC/HDFL 796, and ABSC/HDFL 871 or instructor permission. LEC.

ABSC 941. Teaching and Conference. 3-6 Hours.
This course is used by graduate students fulfilling the doctoral program teaching requirement. Students assist in class preparation and organization, teaching, grading, and office hours or serve as discussion section leaders or laboratory course supervisors. They meet regularly with the faculty members they are assisting. Students enroll for 3 hours for the equivalent of a 25% assistantship and 6 hours for a 50% equivalent. (Formerly HDFL 941.) Prerequisite: Instructor permission. FLD.

ABSC 942. Techniques of Data Analysis for Applied Research. 3 Hours.
This course examines data analysis procedures commonly used with both large group and single subject experimental designs. In addition to presenting specific data analysis techniques, the strengths and weaknesses inherent in the various techniques are carefully reviewed and evaluated. (Formerly HDFL 942.) Prerequisite: ABSC/HDFL 735 or HDFL 803 and an intermediate statistics course. LEC.

ABSC 943. Advanced Practicum in Clinical Child Psychology III. 1-3 Hours.
Lecture, laboratory, field work, and supervision appointment. Advanced psychological intervention techniques for children, youth, and families; supervised progressive experience in application of behavioral and psycho-therapeutic methods to behavioral and emotional problems. (Formerly HDFL 943.) (Same as PSYC 943.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. FLD.

ABSC 944. Advanced Practicum in Clinical Child Psychology IV. 1-3 Hours.
A continuation of ABSC/HDFL 943 and PSYC 943. (Formerly HDFL 944.) (Same as PSYC 944.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. FLD.

ABSC 947. Advanced Practicum in Clinical Child Psychology V. 1-5 Hours.
A continuation of ABSC/HDFL 944 and PSYC 944. May be taken in more than one semester. (Formerly HDFL 947.) (Same as PSYC 947.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. FLD.
ABSC 951. The Analysis of Cognition. 3 Hours.
A graduate seminar on the behavior analysis of cognition. Topics include consciousness, attention, perception, memory, language, rule-governed behavior, problem-solving, decision-making, generativity, creativity, and beliefs and attitudes. Comparisons and contrasts are drawn among different theoretical orientations (information-processing, parallel-processing, nonmediational theories). Prerequisite: ABSC 798, advanced coursework in cognitive psychology, or instructor permission. RSH.

ABSC 961. Advanced Seminar in Applied Behavior Analysis: ____. 3 Hours.
An advanced seminar examining the literature and research methods in specialized areas of applied behavior analysis (e.g., developmental disabilities, community health, organizational development). May be repeated for credit if the content differs. An ABA-accredited and BACB® pre-approved course. (Formerly HDFL 971.) LEC.

ABSC 963. Clinical Child Psychology Internship. 1 Hour.
Three consecutive enrollments, covering a minimum of eleven months of experience in an approved clinical psychology field setting; supervision by qualified clinical child psychology faculty and field staff clinicians. Required of all clinical child psychology program students. An intensive guided experience in application of clinical child psychology theory, methods, and practices. Integrates scientific and clinical aspects of field. (Formerly HDFL 963.) (Same as PSYC 963.) Prerequisite: Completion of Ph.D. comprehensive examinations, graduate standing in clinical child psychology, and permission of clinical child psychology faculty. FLD.

ABSC 965. Evaluating and Disseminating Scientific Material II. 1-3 Hours.
Intensive training in the evaluation and production of scientific critiques and reviews on current issues in the analysis of behavior, as disseminated through the media. May be repeated. (Formerly HDFL 965.) Prerequisite: Instructor permission. LEC.

ABSC 970. Practicum II in Behavioral Psychology. 1-6 Hours.
Advanced instruction and supervised laboratory or field work for doctoral students beyond ABSC 870. May be repeated for credit if the content differs. Prerequisite: Graduate standing in behavioral psychology or instructor permission. FLD.

ABSC 971. Practicum II in Behavior Analysis: ____. 1-6 Hours.
Advanced instruction and supervised laboratory or field work for doctoral students beyond ABSC 871. May be repeated for credit if the content differs. Prerequisite: Graduate standing in behavioral psychology or instructor permission. FLD.

ABSC 972. Practicum II in: ____. 1-6 Hours.
Advanced instruction and supervised laboratory or field work for doctoral students beyond ABSC 872. May be repeated for credit if the content differs. Topic and instructor are announced in the Schedule of Classes. Prerequisite: Graduate standing in applied behavioral science or instructor permission. FLD.

ABSC 976. Therapeutic Interventions with Children. 3-5 Hours.
Clinical approaches to the therapeutic treatment of children with special emphasis on research findings and laboratory (practicum) experience. A survey of relationship therapies, operant strategies, system approaches, parent education and play therapy by the right therapist for a specific child with a particular problem. (Same as PSYC 976.) Prerequisite: Instructor permission. FLD.

ABSC 981. History of Applied Behavioral Science. 3 Hours.
An advanced graduate seminar on the long past, short history, recent origins, and modern history of applied behavioral science. This includes the field's history, internally: its conceptual system, sciences and discipline, profession, and institutions. It also includes the field's history, externally, for instance, the history of Western philosophy, science, American culture, and the behavioral and social sciences. Historiographic issues are addressed throughout. Prerequisite: ABSC 798 and Master's degree in ABS or instructor permission. SEM.

ABSC 989. Methods of Obtaining External Research Funding. 1-3 Hours.
The objective of this course is to demystify this process and prepare participants to submit their first independent research grant application. Participants learn about the characteristics of different funding mechanisms and agencies, the characteristics of successful and unsuccessful application strategies, how to turn an initial research idea into a competitive application, ethical issues that influence each stage of the development and submission process, and the nuts and bolts of grant development and management. Specific activities include critiquing an actual NIH grant application, participating in a mock review panel, and developing an actual grant application. LEC.

ABSC 990. Advanced Seminar in: ____. 3 Hours.
An advanced seminar for doctoral students. It examines basic and applied research literatures in specialized fields of applied behavioral science. May be repeated for credit if the content differs. (Formerly HDFL 930.) Prerequisite: Graduate standing in behavioral psychology or instructor permission. LEC.

ABSC 991. Advanced Research in: ____. 1-9 Hours.
Advanced, supervised research in basic or applied behavioral science for doctoral students. The course may focus on any combination of a literature review, research planning and preparation, conducting research, analyzing data, writing research reports, and preparing oral reports of completed research. May be repeated for credit if the content differs. (Formerly HDFL 900.) Prerequisite: Graduate standing in behavioral psychology or instructor permission. RSH.

ABSC 992. Advanced Readings in: ____. 1-6 Hours.
An advanced individual, supervised study of recent research and scholarship for doctoral students. The course emphasizes current scholarship in selected areas of basic and applied behavioral science and its conceptual foundations. Designed for students whose needs cannot be met in other courses. May be repeated for credit if the content differs. (Formerly HDFL 933.) Prerequisite: Graduate standing in behavioral psychology or instructor permission. RSH.

ABSC 993. Advanced Special Topics in: ____. 1-3 Hours.
An advanced research and readings course for doctoral students. It allows them to concentrate their studies on selected basic and applied problems in behavioral science and carry out independent research. May be repeated for credit if the content differs. (Formerly HDFL 931.) Prerequisite: Graduate standing in behavioral psychology or instructor permission. RSH.

ABSC 994. Advanced Study Abroad Topics in: ____. 1-6 Hours.
An advanced course designed to enhance international experience in topic areas related to behavioral science for doctoral level students. May be repeated for credit if the content differs. Prerequisite: Graduate standing in behavioral psychology or instructor permission. LEC.

ABSC 998. Doctoral Dissertation in Clinical Child Psychology. 1-10 Hours.
Research experience making an original contribution to literature in clinical child psychology. Graded on a satisfactory/unsatisfactory basis. (Same as PSYC 998.) (Formerly HDFL 998.) RSH.

ABSC 999. Doctoral Dissertation in Behavioral Psychology. 1-9 Hours.
Advanced supervised research that makes an original, empirical contribution to the literature in applied behavioral science leading to a
doctoral degree in behavioral psychology. May be repeated. Graded on a satisfactory/unsatisfactory basis. (Formerly HDFL 999.) Prerequisite: Graduate standing in behavioral psychology or instructor permission. THE.

American Studies Courses

AMS HR. Philosophy and Religion. 3 Hours. HR / H. LEC.

AMS 100. Introduction to American Studies. 3 Hours. HT AE41/GE3H / H. An introduction to the history and key concepts of American Studies. Students explore major changes in American culture through the critical reading and analysis of primary and secondary source material. Not open to students who have taken AMS 101. LEC.

AMS 101. Introduction to American Studies, Honors. 3 Hours. HT AE41/GE3H / H. An introduction to the history and key concepts of American Studies. Students explore major changes in American culture through the critical reading and analysis of primary and secondary source material. Not open to students who have taken AMS 100. Prerequisite: Membership in the University Honors Program or approval by the American Studies Program. LEC.

AMS 110. American Identities. 3 Hours. SC AE41/GE3S / S. An interdisciplinary introduction to individual and group identities over time. Students explore theories and methods relating to identity from various perspectives, such as race, class, gender, sexuality, age, religion, and region. Not open to students who have taken AMS 112 or SOC 112. (Same as SOC 110.) LEC.

AMS 112. American Identities, Honors. 3 Hours. SC AE41/GE3S / S. An interdisciplinary introduction to individual and group identities over time. Students explore theories and methods relating to identity from various perspectives, such as race, class, gender, sexuality, age, religion, and region. Not open to students who have taken AMS 110 or SOC 110. (Same as SOC 112.) Prerequisite: Membership in the University Honors Program or approval by the American Studies Program. LEC.

AMS 177. First Year Seminar: ____. 3 Hours. GE11 / U. A limited-enrollment, seminar course for first-time freshmen, addressing current issues in American Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

AMS 260. America’s Latinos/Latinas. 3 Hours. AE41 / U. An introduction to the Latino/a population (Mexican-Americans, Puerto Ricans, Cuban-Americans, Dominican-Americans, and Central and South Americans) in the US. Students discuss how US and Latin American societies have shaped Latino incorporation into the United States. We also discuss contemporary political, cultural and social issues that pertain to Latinos/as in the US. (Same as SOC 260.) LEC.

AMS 290. Religion in American Society. 3 Hours. HR AE41/GE3S / H. A broad introduction to religion in American culture. This class emphasizes the well-established religions with large followings (viz. Judaism, Catholicism, Eastern Orthodoxy, and Protestantism). Some attention is also given to other religions active in America. Other topics covered include the relationship of church and state, religion in ethnic and racial minority groups, and women and religion. Not open to students who have taken REL 172. (Same as REL 171.) LEC.

AMS 300. American Culture, 1600-1876. 3 Hours. H. An examination of the major historical shifts, trends, and conflicts that have shaped the multicultural nature of life in the United States from the initial European settlements to 1876. In addition to tracing developments in literature, architecture, drama, music, and the visual arts, this course will investigate patterns and changes in the popular, domestic, and material culture of everyday life in America. (Same as HIST 310.) Prerequisite: AMS 100 or AMS 110 or HIST 128. LEC.

AMS 310. American Culture, 1877 to the Present. 3 Hours. H. An examination of the major historical shifts, trends, and conflicts that have shaped the multicultural nature of life in the United States from 1877 to the present. In addition to tracing developments in literature, architecture, drama, music, and the visual arts, this course will investigate patterns and changes in the popular, domestic, and material culture of everyday life in America. (Same as HIST 312.) LEC.

AMS 316. Ministers and Magicians: Black Religions from Slavery to the Present. 3 Hours. AE41 / H. This course examines the history and diversity of African American religious expression from slavery until the present, emphasizing both mainstream and alternative faiths. It covers the religious world views of enslaved Africans, and examines faiths inside and outside of Christianity. Topics may include: independent black churches, magical practices, the Holiness and Pentecostal movements, black Islam, religious freemasonry, and esoteric faiths. The class emphasizes the influence of gender, class, race, migration, and urbanization on black religion. (Same as AAAS 316 and HIST 316.) LEC.

AMS 317. African American Women: Colonial Era to the Present. 3 Hours. H. This interdisciplinary course covers the history of African American women, beginning in West and Central Africa, extending across the Middle Passage into the Americas, and stretching through enslavement and freedom into the 21st century. The readings cover their experiences through secondary and tertiary source materials, as well as autobiographies and letters, plays and music, and poems, novels, and speeches. (Same as AAAS 317, HIST 317, and WGSS 317.) LEC.

AMS 320. Border Patrolled States. 3 Hours. H. Examines the politics of immigrant, citizenship and space through official, intellectual and popular responses to the growth of Latino/a populations in the U.S. and to international migration to and from Mexico and Central America. Topics include consideration of how responses to immigration articulate racialized and culturally specific (including linguistic and religious) concepts of the nation, and how questions of citizenship and residency dovetail with issues of community "voice", public space, and diverse notions of "security." LEC.

AMS 322. Modernism. 3 Hours. H. Examines modernism as a transnational cultural movement primarily from the 1890s to the 1940s, but also considers the impact of modernism on later twentieth century cultural production. Provides an interdisciplinary exploration of art, architecture, film, literature and music. Topics include debates related to periodization, the nature of progress, the impact of colonialism and imperialism, the power of reason, and the relationship to previous "traditional" ideas. LEC.

AMS 330. American Society. 3 Hours. H. The social structure and organization of American society with special reference to recent social changes. (Same as SOC 330.) Prerequisite: An introductory course in sociology or American studies. LEC.

AMS 332. The United States in Global Context. 3 Hours. AE42 / S. Examines the influence abroad of US culture, policies and practices and the impact of other countries on US culture, society, and politics.
Among the topics that may be examined are race, ethnicity, colonialism, imperialism, migration, technology, communications and media, popular culture, language, health, domestic and transnational organizations, as well as economic, political, religious, military and educational institutions. (Same as SOC 332.) LEC.

AMS 340. Black Leadership. 3 Hours. H/W.
The course focuses on the concept of leadership and on black leadership in the United States; an in-depth analysis of selected case studies on black leaders, both historical and contemporary. Some attention will be given to the dispersion of Africans into the Americas and the leadership that emerged, conditioned both by environmental factors and the psychology engendered by the system of slavery. Selected successful black leaders will be invited to visit the class from time to time. (Same as AAAS 330.) LEC.

AMS 344. Case Study in American Studies: ______. 3 Hours. H.
This course examines in depth a specific American studies or theme. LEC.

AMS 345. Cultural Studies. 3 Hours. H.
Students gain awareness of major scholars and "schools" that have pursued critical, interdisciplinary research or cultural processes and products in the field of American Studies. Topics may include cultural materialism, semiotics, nationalism, ethnic/racial identity, gender and sexuality, cultural politics, mass media, public spheres, social space and place, commodity consumption, music, and popular culture. LEC.

AMS 350. Visual Culture and the Harlem Renaissance. 3 Hours. H.
Examines the African American cultural movement through art; the artistic gaze in novels; representations of African Americans in film; as well as the influence of musical and dramatic performance on the African American image. Considers the impact of American, European, and other cultural influences on black artists of the time. LEC.

AMS 360. Theory and Method. 3 Hours. H.
An introduction through a topical theme to theories and methods currently used in American Studies. Prerequisite: AMS 100, AMS 110 and AMS 332 or their equivalent, or consent of instructor. LEC.

AMS 390. Geography of the United States and Canada. 3 Hours. S.
A study of the different physical, economic, and cultural settings in the United States and Canada which form the basis for the various forms of livelihood. Emphasis on the United States. (Same as GEOG 390.) Prerequisite: An introductory geography course, or background in United States or Canadian history, social science, or culture, or consent of instructor. LEC.

AMS 494. Topics in: ______. 1-4 Hours. H.
Interdisciplinary study of selected aspects of American society or culture or of the American experience. LEC.

AMS 510. History of American Women--Colonial Times to 1870. 3 Hours. H.
A survey of women's roles as housewives, mothers, consumers, workers, and citizens in pre-industrial, commercial, and early industrial America. (Same as HIST 530 and WGSS 510.) LEC.

AMS 511. History of American Women--1870 to Present. 3 Hours. AE41 / H.
A survey of women's history in the United States that will include radical and reform movements, the impact of war and depression, professionalization, immigration, women's work and the biographies of leading figures in women's history. (Same as HIST 531 and WGSS 511.) LEC.

AMS 512. History of Women and Work in Comparative Perspective. 3 Hours. H.
This course explores the connection between historical changes in the labor process and the occupational choices available to women in different countries. Through discussion and analyses of texts, students will evaluate the construction of a gendered division of work as shaped over time by economic, cultural, and political forces. The chronological and geographical focus may vary depending on the instructor. (Same as HIST 532 and WGSS 512.) LEC.

AMS 515. American Women and World War II. 3 Hours. H.
Examines histories of U.S. women during World War II through an interdisciplinary approach that draws on popular culture and oral history. Utilizes theories and methods of oral history and examines representations of women such as Rosie the Riveter, GI Jane and the Sweetheart at Home. Topics include the consumption of images, the function of images in war and the relationship between popular culture and war. LEC.

AMS 520. Topics in Latino Studies: ______. 3 Hours. U.
The study of special topics in Latino Studies. Students may repeat this course when different topics are offered. LEC.

AMS 522. American Racial and Ethnic Relations. 3 Hours. S.
Analysis of the basic sociological concepts that apply to majority-minority relations; with special emphasis on racial and ethnic interaction in the United States. (Same as SOC 522.) Prerequisite: A distribution course in sociology or American studies. LEC.

AMS 529. Race and the American Theatre. 3 Hours. U.
The representation(s) of race in significant texts and performance styles in American theatre analyzed according to political ideologies, dramatic movements and the impact of these factors on the representation of the "other" in the theatre. (Same as AAAS 585 and THR 529.) LEC.

AMS 534. Comparative Racial and Ethnic Relations. 3 Hours. NW / S.
An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean, and/or the Middle East. (Same as AAAS 510 and SOC 534.) LEC.

AMS 536. Ethnicity in the United States: ______. 3 Hours. S.
An examination of the history, sociology, and culture of U.S. ethnic categories (e.g., American Indians, Latinos, Asian Americans, Jewish Americans, Irish Americans). The specific group studied varies from semester to semester. Course may be repeated for credit. (Same as SOC 536.) Prerequisite: A principal course in American Studies, Sociology, or Anthropology, or permission of instructor. LEC.

AMS 540. Culture, Space and Power in Urban America. 3 Hours. H.
Surveys scholarship on urban expressive culture as it illuminates the politics to identify and public space by African American and Latino/a urban communities. Explores how race, class and gender positionality affect and reflect access to public space and recognition in the public sphere through aesthetic practices such as hip-hop, graffiti writing and custom car cruising. LEC.

AMS 550. Research Seminar in: ______. 3 Hours. AE61 / H.
A seminar exploring a specific American studies theme. A research paper or equivalent project is required. Prerequisite: AMS 360 (a grade of C or better is recommended) or consent of instructor. Cannot be taken concurrently with AMS 551, AMS 552 or AMS 553. LEC.
AMS 551. Research Project in American Studies. 3 Hours. AE61 / H.
Independent research on a selected topic under the direction of a faculty member. Students write an original research paper or complete an equivalent project in another medium, grounded in primary as well as secondary sources. Prerequisite: AMS 550 or consent of instructor. RSH.

AMS 552. Public Service in American Studies. 3 Hours. AE61 / H.
Independent public service in a selected area undertaken in consultation with and under the direction of a faculty member. Students produce a final written project on the experience that integrates the public service experience and academic materials, or complete an equivalent project in another medium. Prerequisite: AMS 550 or consent of instructor. FLD.

AMS 553. Honors in American Studies. 3 Hours. AE61 / H.
Honors equivalent of AMS 551. May be taken twice for credit. Three hours of AMS 553 may be substituted for a course in an appropriate category in the American Studies major. Prerequisite: AMS 550, eligibility for departmental honors, or consent of instructor. RSH.

AMS 554. Advanced Topics in American Literature to 1865: _____ 3 Hours. H.
Study of American literary works before 1865. Topics may focus on a particular genre, theme, topic, historical period, author, or group of authors. May be repeated for credit as the topic changes. (Same as ENGL 576.) Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

AMS 555. Advanced Topics in American Literature Since 1865: _____ 3 Hours. H.
Study of American literary works after 1865. Topics may focus on a particular genre, theme, topic, historical period, author, or group of authors. May be repeated for credit as the topic changes. (Same as ENGL 577.) Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

AMS 556. Gender, Culture, and Migration. 3 Hours. H.
This course brings a human face to the 21st century manifestation of globalization by focusing on the issues of culture, gender and migration. How do these three aspects create the "global village" amongst both the host and donor peoples? When people move from one place to another, what do they leave behind, what do they take with them? What is gained, or lost by the host community? What is the impact of migration on a specific group's and individual's sense of identity? How has migration affected the people's construction, understanding, and practice of gender? Given their primary roles in the home and within the culture, these questions and more are posed with particular attention to women. Migration theories, interviews and personal testimonies as well as literary and dramatic works are critical to our analyses of the issues raised and enable us to hold conversations with, and listen to the stories of the ordinary people who make globalization happen and sustain it. (Same as AAAS 565 and WGSS 565.) LEC.

AMS 576. Cultural Geography of the United States. 3 Hours. S.
Distributions of major culture elements including folk architecture, religion, dialect, foodways, and political behavior are systematically studied from a predominantly historical perspective. These discussions are followed by a survey of the major culture regions in America. Although not absolutely necessary, familiarity with concepts treated in any of the following courses would be helpful: AMS 100, AMS 110, ANTH 108, ANTH 308, GEOG 102, or GEOG 390. (Same as GEOG 576.) LEC.

AMS 579. Geography of American Foodways. 3 Hours.
An interdisciplinary approach to food that explores the diversity of eating habits across the United States and the role of food as an indicator of cultural identity and change. Current regional and ethnic food consumption patterns are stressed. Topics include multiculturalism and regional identity, the symbiotic relationship between restaurant food and home cooking, the recent interest in farmers' markets and organic foods, and the importance of the food industry and the popular press in setting trends. (Same as GEOG 579.) LEC.

AMS 580. American Art. 3 Hours. H.
A survey of American painting, sculpture, and architecture from colonial to recent times. (Same as HA 570.) Prerequisite: HA 100, HA 151, or the equivalent, or consent of instructor. LEC.

AMS 590. Transnational Asian Film. 3 Hours. H.
Examines the ways that contemporary East Asian films and the American film industry appropriate cinematic techniques, styles and themes from one another. Uses cultural studies theories to examine the construction of cultural and historical narratives of transnational interaction among East Asian countries. Explores the impact of economic globalization on transnational film production. LEC.

AMS 629. Sociology of Sport. 3 Hours. S.
Examination of organized sport as a social institution and its relation to other social institutions (e.g., political, economic, educational, and religious), with special emphasis on American society. Analysis of the social correlates of sports participation and a consideration of the role of sport in social change. (Same as SOC 629.) Prerequisite: A principal course in American studies or sociology, or consent of instructor. LEC.

AMS 650. Jazz and American Culture. 3 Hours. H.
This course considers cultural and social histories of jazz, from the 1920s through the present day, as sites for exploring ideological struggles over such fields as race, class, gender, sexuality, democracy, capitalism, freedom, community, Americanness, and globalization in the U.S. The course will explore such questions as the following: What music was called jazz at what times and places? What did it mean to whom? Who played it? Who wrote about it? Who listened to it? Who danced to it? Who policed it? Who produced it? Who used it to rebel? Who used it to survive? What did all of these practices mean to participants? The course will examine struggles over social meanings in the U.S. through a study of jazz performance, labor, representation, marketing, consumption, censorship, and historiography. Prerequisite: A course in American studies, American history, or consent of instructor. (Same as WGSS 652.) LEC.

AMS 652. Jazz I, Roots to 1955. 3 Hours. H.
Survey of jazz music, from ragtime and blues to jazz of the 1940s and 50s. Covers various styles of jazz, including New Orleans, swing, bebop and cool. Students are expected to have a basic understanding of melody, harmony and rhythm, although ability to read scores is not necessary. Graduate students will complete additional work to be determined in consultation with the instructor. LEC.

AMS 653. Jazz II, 1955-Present. 3 Hours. H.
Survey of jazz music, from the 1950s to the present. Covers various styles of jazz, including free jazz, postmodern jazz and fusion. Students are expected to have a basic understanding of melody, harmony and rhythm, although ability to read scores is not necessary. Graduate students will complete additional work to be determined in consultation with the instructor. LEC.

AMS 680. Jazz Autobiography. 3 Hours. H.
Examines the literary and musical significance of jazz autobiographies since the 1940s. Authors include Louis Armstrong, Jelly Roll Morton, Billie Holiday, Charles Mingus, Nina Simone and others. Graduate students will complete additional work to be determined in consultation with the instructor. LEC.
AMS 682. Jazz Narratives in Novels and Films. 3 Hours. H.
Examines jazz and musicians' life stories in prose fiction and fictional or biographical films. Novels may include works by John Clellon Holmes and Nathaniel Mackey. Films may include Lady Sings the Blues and Space is the Place. Graduate students will complete additional work to be determined in consultation with the instructor. LEC.

AMS 690. Black Cultural Studies. 3 Hours. H.
Examines critical approaches to the study of African American cultural production. Uses literature, films, music, art and performance to explore the development of interpretations of black culture. Covers major developments in black aesthetics in the twentieth century, various theoretical schools of thought, and significant writers such as bell hooks, Stuart Hall, and Gina Dent. Graduate students will complete additional course work to be determined in consultation with the instructor. LEC.

AMS 694. Directed Readings. 1-4 Hours. H.
Consent of instructor is required. IND.

AMS 696. Studies in: _____. 3 Hours. H.
Interdisciplinary study of different aspects of the American experience in different semesters. LEC.

AMS 700. Introduction to Museum Exhibits. 3 Hours.
This course will consider the role of exhibits as an integrated part of museum collection management, research, and public service. Lecture and discussion will focus on issues involved in planning and producing museum exhibits. Laboratory exercises will provide first hand experience with basic preparation techniques. Emphasis will be placed on the management of an exhibit program in both large and small museums in the major disciplines. (Same as BIOL 787, GEOL 781, HIST 723, and MUSE 703.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

AMS 714. Conservation Principles and Practices. 3 Hours.
This course will acquaint the future museum professional with problems in conserving all types of collections. Philosophical and ethical approaches will be discussed, as well as the changing practices regarding conservation techniques. Emphasis will be placed on detection and identification of causes of deterioration in objects made of organic and inorganic materials, and how these problems can be remedied. Storage and care of objects will also be considered. (Same as BIOL 700, GEOL 780, HIST 722 and MUSE 706.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

AMS 720. The Nature of Museums. 3 Hours.
The purpose of this course is to provide an overview of the kinds of museums, their various missions, and their characteristics and potentials as research, education, and public service institutions responsible for collections of natural and cultural objects. (Same as BIOL 788, GEOL 782, HIST 720, and MUSE 702.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

AMS 725. Museum Studies Workshop: _____. 1-3 Hours.
Short term, intensive workshops presented to provide specialized background in a variety of skills required in historical archives or museums. LEC.

AMS 730. Principles and Practices of Museum Collection Management. 3 Hours.
Lecture, discussion, and laboratory exercises on the nature of museum collections, their associated data, and their use in scholarly research; cataloging, storage, fumigation, automated information management and related topics will be presented for museums of art, history, natural history and anthropology. (Same as BIOL 798, GEOL 785, HIST 725, and MUSE 704.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

AMS 731. Museum Management. 3 Hours.
Lecture, discussion, and laboratory exercises on the nature of museums as organizations; accounting, budget cycles, personnel management, and related topics will be presented using, as appropriate, case studies and a simulated museum organization model. (Same as BIOL 785, GEOL 783, HIST 728, and MUSE 701.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

AMS 737. Music in America. 3 Hours.
A survey of historical developments from the Pilgrims to the present. (Same as MUSC 759.) Prerequisite: One course in the field of music history and literature or consent of instructor. LEC.

AMS 767. Gerontology Proseminar. 3 Hours.
A proseminar coordinated by the Gerontology Center. The proseminar explores essential areas of gerontology for researchers and practitioners, providing a multidisciplinary (psychology, biology, sociology, and communication) perspective on aging. The proseminar surveys contemporary basic and applied research, service programs, and policy and management issues in gerontology. (Same as ABSC 787, COMS 787, PSYC 787, and SOC 767.) (Formerly HDFL 787.) LEC.

AMS 787. Field Work. 1-12 Hours.
Supervised field research in aspects of American civilization. Prerequisite: Consent of instructor. LEC.

AMS 797. Introduction to Museum Public Education. 3 Hours.
Consideration of the goals of an institution's public education services, developing programs, identifying potential audiences, developing audiences, and funding. Workshops and demonstrations are designed for students to gain practical experience working with various programs and developing model programs. (Same as BIOL 784, GEOL 784, HIST 721, and MUSE 705.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

AMS 799. American Studies Museum Apprenticeship. 1-6 Hours.
Provides directed, practical experience in research, collection care and management, public education, and exhibits with emphasis to suit the particular requirements of each student. (Same as ANTH 799, BIOL 799, GEOL 723, HIST 799, and MUSE 799.)FLD.

AMS 801. Introduction to American Studies. 3 Hours.
An introduction to the field of American Studies through an examination of some of the classic and innovative works, issues, debates, and controversies in the history and the literature of American Studies. LEC.

AMS 802. Theorizing America. 3 Hours.
Drawing from a broad range of perspectives (e.g., cultural theory, social theory, literary theory, etc.), this course will introduce students to current theoretical debates in American studies and the concepts that inform them. LEC.

AMS 803. Research Methods in American Studies. 3 Hours.
An introduction to the range of interdisciplinary research methods in American studies. Emphasis will be placed on an examination of the assumptions, logics, and procedures involved in various approaches to understanding American society and culture. LEC.

AMS 804. Research Seminar. 3 Hours.
An intensive application of theoretical and methodological issues to the development of specific substantive research problems. Students will be expected to design and implement a study that will be critically assessed in the seminar. LEC.

AMS 805. American Pluralism: Race, Ethnicity, and Religion in American Life. 3 Hours.
Analysis of the dynamics of intercultural and intergroup relations in America with special emphasis on the examination of major conceptual
presents perspectives that have characterized the study of race, ethnicity, and religion in American life. LEC.

**AM 808. Studies in: _____.  3 Hours.**

Interdisciplinary study of different aspects of the American experiences in different semesters. LEC.

**AM 809. Advanced Research Seminar. 3 Hours.**

An intensive application of theoretical and methodological issues to the development of specific substantive research problems. Students will be expected to design and implement a study that will be critically assessed in the seminar. Prerequisite: AM 804. Permission of the instructor required. LEC.

**AM 835. Colloquium in the History of Gender. 3 Hours.**

This colloquium will cover theoretical and topical readings on the history of manhood, womanhood, and gender systems. (Same as HIST 895 and WGSS 835.) LEC.

**AM 836. Colloquium in United States Women’s History. 3 Hours.**

This colloquium will cover theoretical and topical readings on the history of women in the United States from the pre-contact period to the present. It is designed to familiarize students with the most important and current historiography in the field. (Same as HIST 896 and WGSS 886.) LEC.

**AM 837. Comparative Colloquium in Women’s History. 3 Hours.**

This colloquium will approach the history of women from a comparative perspective through theoretical and topical readings on women in at least two different cultures. (Same as HIST 897 and WGSS 887.) LEC.

**AM 896. Examination Preparation. 1-6 Hours.**

Directed and independent study in preparation for the M.A. examination. May be repeated. RSH.

**AM 899. Thesis. 1-6 Hours.**

Investigation of a topic for master’s thesis. Total enrollment in this course may not exceed six hours of credit. THE.

**AM 900. Teaching Seminar. 1-6 Hours.**

This seminar is designed to assist students in the preparation, presentation, and evaluation of teaching in American Studies. Graded on a satisfactory/unsatisfactory basis. LEC.

**AM 973. Seminar in United States Women’s History. 3 Hours.**

This research seminar will focus on the history of women in the United States from the pre-contact period to the present. Students will research and write a paper using primary sources, and present those papers to the seminar for evaluation. (Same as HIST 973 and WGSS 873.) LEC.

**AM 996. Examination Preparation. 1-9 Hours.**

Directed and independent study in preparation for the doctoral comprehensive examinations. May be repeated. RSH.

**AM 997. Directed Readings. 1-4 Hours.**

Directed reading in an area of American culture in which there is no appropriate course in the offerings of the American Studies program or of the cooperating departments, but in which there is a member of the graduate faculty competent and willing to direct a program of study. RSH.

**AM 998. Seminar in: _____.  3 Hours.**

Topics vary from semester to semester. Graduate students are consulted in selecting topics. LEC.

**AM 999. Dissertation. 1-12 Hours.**

THE.

**Anthropology Courses**

**ANTH 100. General Anthropology. 3-4 Hours. SC AE42/GE3S / S.**

Lecture and discussion sections covering the four primary fields of Anthropology: Biological Anthropology, Linguistics, Social Anthropology, and Archaeology. Concepts and approaches to each field, using past and present examples from around the world, will be examined with an emphasis on the unity of the anthropological approach. Future directions of human experience are explored. Discussion sections will be used to examine material covered in lecture and in readings in specific cultural and evolutionary contexts. Discussion and application of fundamental concepts to contemporary events, examination of fossil collections, and viewing and discussion of relevant visual materials are among topics to be covered in sections. LEC.

**ANTH 102. Succeeding in Anthropology. 1 Hour. S.**

This course is designed to enhance students' chances for success in anthropology major and life after college. Students will learn how to maximize their possibilities for gaining academic assistance, grants, and career building, as well as design strategies for winning jobs, entry into graduate programs, and paid internships at home and abroad. LEC.

**ANTH 104. Fundamentals of Physical Anthropology. 3-4 Hours. NB GE3N / N.**

Lecture and discussion sections covering the mechanisms and principles of Darwinian evolution with special emphasis on human and primate data. Lecture topics include genetics, variation, primate ethnology, and the fossil evidence for human evolution. Discussion sessions include topics in Mendelian and population genetics, blood group systems, quantitative morphological variation, and fossil human and primate skeletal material. LEC.

**ANTH 105. Fundamentals of Physical Anthropology, Honors. 3-4 Hours. NB GE3N / N.**

An honors section of ANTH 104 for students with superior academic records. LEC.

**ANTH 106. Introductory Linguistics. 3 Hours. SC AE41/AE42/GE11/GE3S / S.**

Introduction to the fundamentals of linguistics, with emphasis on the description of the sound system, grammatical structure and semantic structure of languages. The course will include a survey of language in culture and society, language change, computational linguistics and psycholinguistics, and will introduce students to techniques of linguistic analysis in a variety of languages including English. (Same as LING 106.) LEC.

**ANTH 107. Introductory Linguistics, Honors. 3 Hours. SC AE41/AE42/GE11/GE3S / S.**

Introduction to the fundamentals of linguistics, with emphasis on the description of the sound system, grammatical structure, and semantic structure of languages. The course includes a survey of language in culture and society, language change, computational linguistics and psycholinguistics, and introduces students to techniques of linguistic analysis in a variety of languages including English. Open only to students admitted to the University Honors Program or by consent of instructor. (Same as LING 107.) LEC.

**ANTH 108. Introduction to Cultural Anthropology. 3-4 Hours. SC AE42/GE3S / S.**

An introduction to the nature of culture, language, society, and personality. Included in this survey are some of the major principles, concerns, and themes of cultural anthropology. The variety of ways in which people structure their social, economic, political, and personal lives. Emphasized are the implications of overpopulation, procreative strategies, progress and growth of cultural complexity, developments in the Third World, and cultural dynamics in Western as well as in non-Western societies. LEC.
ANTH 109. Introduction to Cultural Anthropology, Honors. 3-4 Hours. SC / S.
An honors section of ANTH 108 for students with superior academic records. LEC.

ANTH 110. Introduction to Archaeology. 3-4 Hours. HT GE3H / H.
A general introduction to the study of archaeology. Evolution of prehistoric cultures in adaptive response to changing natural and social environments, from the early Paleolithic to the emergence of urban civilizations. LEC.

ANTH 111. Introduction to Archaeology, Honors. 3-4 Hours. HT GE3H / H.
An honors section of ANTH 110 for students with superior academic records. LEC.

ANTH 160. The Varieties of Human Experience. 3 Hours. NW AE42/GE3H/GE3S / S/W.
An introduction to basic concepts and themes in cultural anthropology by means of the comparative study of selected cultures from around the world, for the purpose of appreciating cultural diversity. Emphasis is on systems of belief and meaning. Not open to students who have taken ANTH 360. LEC.

ANTH 161. The Third World: Anthropological Approaches. 3-4 Hours. NW / S/W.
Violent change, revolution, planned change, and peaceful transition in non-Western cultures. A study of development, modernization, nation-building, rapid acculturation, and war. LEC.

ANTH 162. The Varieties of Human Experience, Honors. 3 Hours. NW AE42/GE3H/GE3S / S/W.
An honors section of ANTH 160 for students with superior academic records. Not open to students who have had ANTH 160 or ANTH 360. LEC.

ANTH 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Anthropology. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

ANTH 293. Myth, Legend, and Folk Beliefs in East Asia. 3 Hours. NW AE42 / H/W.
A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the traditional world view of the peoples of East Asia. (Same as EALC 130, REL 130.) LEC.

ANTH 300. General Anthropology. 3 Hours. AE42/GE3H/GE3S / S.
A more intensive treatment of the content of ANTH 100. Not open to students who have had ANTH 100. LEC.

ANTH 301. Anthropology Through Films. 3 Hours. AE42 / S.
An exploration of the human ways through films. Cross-cultural interpretations by filmed records of varieties of interpersonal relations seen through such aspects of culture as hunting, war, marriage, religion, sex, kinship, and death. Patterns of interactions are analyzed by examples from cultures around the world, primarily the non-Western world. LEC.

ANTH 303. Peoples and Cultures of North Africa and the Middle East. 3 Hours. NW / S.
This course familiarizes students with the peoples and cultures of North Africa and the Middle East. It examines the cultural, demographic, and religious diversity of the region, as well as the development of the early Islamic community and the formation of Islamic institutions. Issues such as religion and politics, inter-religious relations, nation-building, Islamic response to colonialism, Palestinian-Israeli conflict, Islamic resurgence, secularism, democratization, and gender, are also explored. (Same as AAAS 303.) LEC.

ANTH 304. Fundamentals of Physical Anthropology. 3-4 Hours. NB GE3H / N.
A more intensive treatment of the content of ANTH 104. Not open to students who have had ANTH 104 or ANTH 105. LEC.

ANTH 308. Introduction to Cultural Anthropology. 3-4 Hours. SC AE42/GE3S / S.
An introduction to the nature of culture, language, society, and personality. Included in this survey are some of the major principles, concerns, themes of cultural anthropology, and the variety of ways in which people structure their social, economic, political, and personal lives. Emphasized are the implications of overpopulation, procreative strategies, progress and growth of culture complexity, developments in the Third World, and cultural dynamics in Western as well as in non-Western societies. Not open to students who have taken ANTH 108 or ANTH 109. LEC.

ANTH 310. Introduction to Archaeology. 3-4 Hours. HT GE3H / H.
A more intensive treatment of the content of ANTH 110. Not open to students who have taken ANTH 110 or ANTH 111. LEC.

ANTH 313. New Discoveries in Archaeology. 3 Hours. S.
Recent discoveries in anthropological archaeology in various areas of the world and their impact on existing bodies of fact and theory, and on established methods of archaeological discovery. LEC.

ANTH 315. The Prehistory of Art. 3 Hours. S.
A survey of prehistoric art focusing on the material record and interpretations of rock art (paintings, engravings on rock surfaces in rock-shelters, caves and in open air sites) and portable art created by prehistoric people. The emphasis is on the small-scale societies (hunter-gatherer and early food producers) around the world before the appearance of written records in respective geographic areas. Environmental, social and cultural contexts in which these art forms were created are discussed along with a review of past scholarship and current interpretive approaches to this old and enduring expression of human creativity. Course may be offered in lecture or online format. (Same as HA 315.) LEC.

ANTH 317. Prehistory of Europe. 3 Hours. S.
A survey of one million years of prehistory from the peopling of the European continent to the Roman Empire. The course will focus on the growth of culture, considering economy and technology, art and architecture. Topics will include the Neanderthals, the big game hunters of the Ice Age, the megalith builders, the Celts. Prerequisite: An introductory course in anthropology, history, or cultural geography. LEC.

ANTH 318. Prehistory of Kansas. 3 Hours. S.
A survey of the changing lifeways of Native Americans in Kansas from the time of the earliest inhabitants of at least 12,000 years ago to the period of Euro-American contact. Extensive use will be made of Museum of Anthropology collections. LEC.

ANTH 320. Language in Culture and Society. 3 Hours. SC AE41/AE61 / S.
Language is an integral part of culture and an essential means by which people carry out their social interactions with the members of their society. The course explores the role of language in everyday life of peoples in various parts of the world and the nature of the relationship between language and culture. Topics include world-view as reflected in language,
formal vs. informal language, word taboo, and ethnography of speaking. (Same as LING 320.) LEC.

ANTH 321. Language in Culture and Society, Honors. 3 Hours. SC AE41/AE61 / S.
An honors section of ANTH 320 for students with superior academic records. Not open to students who have had ANTH 320 or LING 320. (Same as LING 321.) Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

ANTH 340. Human Variation and Evolution. 3 Hours. AE41 / N.
An examination of biochemical and physical variability in contemporary human populations. Topics include: genetic basis of human diversity, evolutionary theory, population genetics, blood groups, biochemical variations, body size and shape, pigmentation, and other morphological characteristics. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

ANTH 341. Human Evolution. 3 Hours. N.
The evolutionary processes and events leading to the development of humans and the humanlike forms from primate ancestors; fossil hominids and the origin of modern Homo Sapiens. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

ANTH 343. Food, Nutrition and Culture. 3 Hours. U.
The course is a cross-cultural survey of human dietary practices (foodways). Students are introduced to the concepts of nutrition, diet and cuisine. Evolutionary and adaptive aspects of human diets and cuisines are considered. Nutritional, environmental/technological, social and ideological aspects of regional and ethnic foodways are examined. Invited lecturers from different cultural traditions offer indigenous perspectives on their foodways. LEC.

ANTH 350. Human Adaptation. 3 Hours. S.
A survey and examination of present-day human populations focusing upon adaptations in different environments and the interaction of culture and biology. General evolutionary theory is treated with an emphasis on the mechanisms of evolutionary change. Genetic, physiological, and cultural adaptations to environmental stress are discussed from the standpoint of their past evolutionary significance and their influence on contemporary human variation. Prerequisite: ANTH 104 or ANTH 304. LEC.

ANTH 352. Controversies on the Living and the Dead. 3 Hours. N.
The pros and cons of conflicting theories on the past and present evolution are examined. Race and intelligence, evolution of skin color, and genetic future of humans are among the considered topics. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

ANTH 359. Anthropology of Sex. 3 Hours. N.
An evolutionary perspective on the behavior and biology of males and females in human society. Topics will include the evolution of sexual dimorphism, social and biological issues in human reproduction, primate social patterns, human sexual behavior and taboos, sex and social structure, and the sociobiology of sex. LEC.

ANTH 360. The Varieties of Human Experience. 3 Hours. NW AE42/GE3H/GE3S / S/W.
A more intensive treatment of ANTH 160. An introduction to basic concepts and themes in cultural anthropology by means of the comparative study of selected cultures from around the world, for the purpose of appreciating cultural diversity. Emphasis is on systems of belief and meaning. Not open to students who have taken ANTH 160. LEC.

ANTH 361. The Third World: Anthropological Approaches. 3-4 Hours. NW / S/W.
A more intensive treatment of the content of ANTH 161. Not open to students who have had ANTH 161. LEC.

ANTH 362. Peoples of Southeast Asia. 3 Hours. NW / S/W.
An analysis of the cultural diversity and unity of the peoples of Burma, Thailand, Laos, Cambodia, Vietnam, Malaysia, Indonesia, and the Philippines. Emphasis on cultural-historical relationships and theories of cultural development and change. LEC.

ANTH 363. Gendered Modernity in East Asia. 3 Hours. S.
This course explores rapidly changing gender relationships and the sense of being “modern” in East Asia by examining marriage and family systems, work, education, consumer culture, and geopolitics. The class seeks to understand how uneven state control over men and women shapes desires, practices, and norms and how men and women act upon such forces. Avoiding biological or social determinism, this course treats gender as an analytical category and examines how modern nation-states and global geopolitics are constituted and operated. (Same as EALC 363 and WGSS 363.) LEC.

ANTH 364. Peoples of Japan and Korea. 3 Hours. NW / S/W.
An analysis of the cultural diversity and unity of the peoples of Japan and Korea. Emphasis on historical and ethnological relationships, social structure, and ethics. (Same as EALC 364.) LEC.

ANTH 365. Japanese People through Film. 3 Hours. NW / S/W.
Japanese people’s culture and society through an extensive examination of both documentary and feature films. Readings from social science fields and literature will be used—the former to supply a theoretical framework for the study of Japanese people and the latter to further the inquiry into the individual sentiment motivating actions. (Same as EALC 365.) LEC.

ANTH 366. The Life Cycle in Japanese Culture and Literature. 3 Hours. NW / H/W.
A study of the Japanese people from birth to death: what it means to be born in a Japanese family, to grow up Japanese, and to die Japanese. Anthropological works and selections from Japanese literature and film will be used to examine ways in which Japanese people live through the critical periods in their life cycle. (Same as EALC 366.) LEC.

ANTH 368. The Peoples of China. 3 Hours. NW / S/W.
An analysis of the cultural origin, diversity, and unity of the peoples of China. Emphasis on historical development, social structure, cultural continuity and change, and ethics. (Same as EALC 368.) LEC.

ANTH 370. Peoples and Cultures of the Pacific. 3 Hours. NW / S/W.
A survey of the native cultures of Australia, Melanesia, Micronesia, and Polynesia. Investigation of the origins and dispersal of Pacific peoples, their cultural adaptations to differing habitats, their forms of social, political, and religious organization. Consideration of the problems and cultural changes resulting from colonization and modernization. Prerequisite: ANTH 100, ANTH 108, ANTH 160, ANTH 308, ANTH 360, or consent of instructor. LEC.

ANTH 372. Religion, Power, and Sexuality in Arab Societies. 3 Hours. NW / S.
This course examines theories of religion, discourse, power, gender and sexuality in their application to Arab societies. The course introduces different aspects of Arab cultures. Through canonical works, we study political domination, tribal social organization, honor, tribe, shame, social loyalty, ritual initiations and discuss how these issues speak generally to anthropological inquiry. Regionally specific works are then framed by an additional set of readings drawn from anthropological, linguistics, and social theories. (Same as AAAS 372.) LEC.
ANTH 376. North American Indians. 3 Hours. NW AE41 / S/W.
A survey of American Indian cultures north of Mexico at the time of the first contact with Western civilization; detailed studies of selected Indian cultures. LEC.

ANTH 379. Indigenous Traditions of Latin America. 3 Hours. NW / S/W.
A survey of the major indigenous traditions of Mesoamerica, the Andes, and lowland tropical Latin America. Coverage emphasizes how indigenous cultural traditions and societies have both continued and changed since the European Invasion and addresses such current issues as language rights, territorial rights, sovereignty, and state violence. Students enrolled in the 600-level section will be required to complete additional research and class leadership tasks. Not open to students who have taken LAA 634. (Same as LAA 334.) LEC.

ANTH 380. Peoples of South America. 3 Hours. NW / S/W.
A survey of native peoples and cultures of South America from the time of initial Western contacts to the present day. LEC.

ANTH 382. People and the Rain Forest. 3 Hours. S.
An analysis of the cultural origin, diversity, and unity of the peoples of the neotropics. Emphasizing the peoples of Amazonia, the course introduces students to topics associated with the economic, political, and cultural dimensions of social life in rain forest communities. LEC.

ANTH 387. Field Research on Gender. 3 Hours. S.
This course examines gender roles and gender culture in Costa Rica, especially in the southern part of the country. Students will be introduced, both theoretically and practically, to feminist anthropology as well as gender ethnography. It covers academic literature about the topic, and literature written by women. The class will also discuss different types of machismo culture and the structures and functioning of families in southern Costa Rica. Class taught in Golfito, Costa Rica. Course taught in Spanish. Contact the Department of Anthropology, or the Office of Study Abroad. LEC.

ANTH 389. The Anthropology of Gender: Female, Male, and Beyond. 3 Hours. NW GE21.
This course will introduce students to cultural constructions and performances of masculinity, femininity, and alternative genders across time and space. Topics and cases will be drawn from primarily non-Western cultures, ranging from Javanese markets to Pacific Rim gardens, and from Haitian voudou to Maya royal politics. This course uses research by archeologists, linguists, anthropologists, and sociocultural anthropologists. (Same as WGSS 389.) LEC.

ANTH 397. Museum Anthropology. 3 Hours. S.
An introduction to the historical background, practice, and ethical issues involved in the creation, presentation, and dissemination of anthropological information in a museum setting. Students participate in the study of a collection of material culture (artifacts) from the Museum of Anthropology, culminating in development of a script for an exhibit. FLD.

ANTH 400. Topics in Anthropology, Honors: ____. 3 Hours. H.
Selected issues and theories in contemporary anthropology (cultural, linguistic, biological, archaeological) for honors students. Topic for semester to be announced. May be repeated for credit if content varies. Prerequisite: Admission to the University Honors Program or consent of instructor. LEC.

ANTH 401. Integrating Anthropology. 3 Hours. S.
Capstone course that integrates the primary fields of anthropology. Students apply concepts and approaches from each field to a particular topic in preparation for and presentation of a cross-disciplinary and integrative final project. Prerequisite: Completion of all required introductory anthropology courses and two anthropology courses LEC.

ANTH 406. Laboratory Techniques in Archaeology. 3 Hours. S.
A survey of basic laboratory procedures associated with specimen preparation, analysis, classification, and measurement of archaeological materials, with emphasis on lithic and ceramic technology. Formal lectures and laboratory sections. LEC.

ANTH 410. Archaeological Myths and Realities. 3 Hours. S.
A more intensive treatment of the content of ANTH 210. Not open to students who have had ANTH 210. LEC.

ANTH 415. The Rise of Civilization. 3 Hours. S.
A study of evolutionary processes leading to the birth of the early great urban civilizations of the Old World and the New World. Patterns of growth and similarities and differences in the rise of urban complexes and states in Mesopotamia, Egypt, the Indus Valley, and in Mexico/Guatemala and Peru. LEC.

ANTH 418. Summer Archaeological Field Work. 1-8 Hours. AE61 / S.
Under the direction of a professional archaeologist, undergraduate and graduate students are taught proper procedures for the excavation and laboratory analysis of data from a prehistoric or historic archaeological site. Data gathered may be used for additional graduate research. Enrollment by application; limited to twenty students. A fee for subsistence costs will be charged. FLD.

ANTH 419. Training in Archaeological Field Work. 1-6 Hours. S.
Undergraduate and graduate students are taught techniques of archaeological field work, including survey and excavation, as well as laboratory procedures, including artifact classification and curation. FLD.

ANTH 430. Linguistics in Anthropology. 3 Hours. S.
The study of language as a symbolic system. Exploration into the interrelatedness of linguistic systems, of nonlinguistic communicative systems, and of other cultural systems. (Same as LING 430.) LEC.

ANTH 440. Introduction to Primates. 3 Hours. N.
A review of the evolution and behavior of nonhuman primates. The survey includes the stages of primate evolution, morphology of living primates, and descriptions and analyses of primate behavioral patterns. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

ANTH 442. Anthropological Genetics. 3 Hours. N.
Principles of human genetics involved in biological anthropology. The genetics of non-Western populations considered within an evolutionary framework. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

ANTH 445. Topics in Biological Anthropology: ____. 3 Hours. N.
Seminar concentrating on selected problems and issues in contemporary biological anthropology. Topic for semester to be announced. Course may be repeated for a maximum of nine hours of credit. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

ANTH 447. Human Behavioral Genetics. 3 Hours. S.
A survey of human behavioral genetics for upper division undergraduates. Emphasis is on how the methods and theories of quantitative, population, medical, and molecular genetics can be applied to individual and group differences in humans. Both normal and abnormal behaviors are covered, including intelligence, mental retardation, language and language disorders, communication, learning, personality, and psychopathology. (Same as BIOL 432, PSYC 432, SPLH 432.) Prerequisite: Introductory courses in biology/genetics or biological anthropology and psychology are recommended. LEC.
ANTH 449. Laboratory/Field Work in Human Biology. 1-3 Hours. AE61 / N.
Faculty supervised laboratory or field research for Human Biology majors. Students design and complete a research project in collaboration with a Human Biology faculty member. (Same as BIOL 449, SPLH 449, and PSYC 449.) Prerequisite: Consent of instructor and Human Biology major. FLD.

ANTH 459. Anthropology of Sex, Honors. 3 Hours. H.
The course is an introduction to the evolutionary study of human sexual behavior. Using an explicitly Darwinian framework, it examines the biological basis for human mate selection, male and female mating strategies, child-birth and child-care practices, parental care, marriage, and family structure. The power of Darwinian theory to predict human sexual behavior is tested in anthropological field studies, designed and carried out by students in the class. Class time is allocated for discussion of students' research as it progresses through each stage, and results are presented in the last weeks of the semester. Prerequisite: Introductory class in biology or biological anthropology. Open only to students in the University Honors Program, or by consent of instructor. LEC.

ANTH 460. Theory in Anthropology. 3 Hours. GE3H / S.
A critical examination of the main theories and concepts in cultural anthropology. Consideration of the philosophical presuppositions underlying past and current theoretical issues and trends. LEC.

ANTH 461. Introduction to Medical Anthropology. 3 Hours. S.
An introduction to the social and cultural practices that contribute to health and disease, including a survey of therapy systems in both Western and non-Western societies (e.g., Native American, African, Western allopathic medicine, etc.). This course should be of special interest to premedical students and majors in the allied health professions. LEC.

ANTH 465. Genocide and Ethnocide. 3 Hours. S.
Study of the killing of peoples and cultures. Case studies, focusing primarily on tribal South America. Examination of the implications of these studies and regard for the human rights movement. Examination of the ethical consequences of genocide in historical and human rights perspectives. LEC.

ANTH 474. Applied Cultural Anthropology. 3 Hours. S.
Applications of anthropological theory, methods, and findings in programs of community and national development, public health, international aid, and military assistance. Examination of the role of the anthropologist, of ethics and values in intervention schemes, and of the methodology of planned change in applied programs. Intensive analysis of selected case studies. FLD.

ANTH 480. Technology and Society in the Contemporary World. 3 Hours. AE61 / S.
The impact of scientific and technological advances on social and personal life in contemporary society. A wide range of topics will be dealt with during the semester; examples include the internet and new modes of communication, developments in genetics and medicine, and testing for intelligence, drugs, lie detection, and other purposes. LEC.

ANTH 482. Psychological Anthropology. 3 Hours. S.
Introduction to the interrelationship of individual and society: processes of socialization, perception and cognition, personality and culture, with emphasis on the psychological interpretation of human behavior and the sociocultural contexts of psychological processes. Both ethnographic and cross-culturally comparative perspectives are introduced. LEC.

ANTH 484. Magic, Science, and Religion. 3 Hours. NW / S/W.
A comparative study of religion and systems of value and belief in non-Western cultures. LEC.

ANTH 496. Reading and Research. 1-6 Hours. AE61 / S.
Individual investigation of special problems in anthropology. Maximum of three credit hours in any one semester. Prerequisite: Consent of instructor. IND.

ANTH 498. Seminar in Technology: _____. 3 Hours. S.
Topic for semester to be announced. LEC.

ANTH 499. Senior Honors Research. 1-6 Hours. AE61 / S.
Individual research under the direction of one or more instructors in the department. Maximum of four credit hours in any one semester. Prerequisite: A grade-point average of 3.5 in anthropology and 3.0 in all courses, and consent of instructor. IND.

ANTH 500. Topics in Archaeology: _____. 3 Hours. S.
Seminar concentrating on selected problems and issues in contemporary archaeology. Topic for semester to be announced. Course may be repeated for a maximum of nine hours of credit. Prerequisite: Successful completion of a course in archaeology at any level, or by permission of instructor. LEC.

ANTH 501. Topics in Sociocultural Anthropology: _____. 3 Hours. S.
Course concentrating on selected problems, theories, and issues in contemporary sociocultural anthropology. Topic for semester to be announced. LEC.

ANTH 502. Topics in Anthropological Linguistics: _____. 3 Hours. S.
Course concentrating on selected problems, theories, and issues in contemporary anthropological linguistics. Topic for semester to be announced. LEC.

ANTH 503. Topics in Biological Anthropology: _____. 3 Hours. S.
Course concentrating on selected problems, theories, and issues in contemporary biological anthropology. Topic for semester to be announced. LEC.

ANTH 504. North American Archaeology. 3 Hours. S.
A general survey of the archaeology of North America. Detailed coverage of selected problems. LEC.

ANTH 505. Prehistory of Eastern North America. 3 Hours. S.
A survey of the archaeological record of eastern North America from the late Pleistocene to the time of European contact. The diverse environments of eastern North America are considered in conjunction with the dynamic climatic and ecological changes which have occurred during the past 20,000 years to provide a background for study of the prehistoric groups who occupied the region. Topics will include the change in economies, technologies, and organization from the earliest hunter-gatherers through the development of pre-Colombian complex societies. Prerequisite: ANTH 110 or ANTH 310. LEC.

ANTH 506. Ancient American Civilizations: Mesoamerica. 3 Hours. NW / S/W.
An archaeological survey of the Precolombian heritage of Mexico and Central America. The sites and cultures of the Olmecs, Teotihuacan, the Maya, the Zapotecs, the Toltecs, and the Aztecs will be considered in detail. Investigations of ancient art and architecture, crafts and technologies, trade and exchange, religious beliefs and practices, and writing and calendrical systems will be directed toward understanding the growth and the decline of these Native American civilizations. LEC.

ANTH 507. The Ancient Maya. 3 Hours. S/W.
An intensive examination of current scholarship on the ancient Maya civilization of Mexico and Central America. The course will consider Maya culture from its roots in early villages of the Preclassic period to the warring city-states of the Postclassic period. Topics will include settlement and subsistence systems, sociopolitical evolution, art and architecture, myth and symbolism, and Maya hieroglyphic writing. An
important theme of the course will be the relevance of the Precolumbian Maya for understanding complex societies and contemporary Latin American Culture. Prerequisite: Successful completion of one of the following: ANTH 110, ANTH 310, ANTH 415, ANTH 506, or ANTH 508. LEC.

ANTH 508. Ancient American Civilizations: The Central Andes. 3 Hours. NW / S/W.
An archaeological survey of the ancient peoples of Peru and neighboring countries in South America. The origins of complex societies in the coast and in the Andean highlands will be reviewed with special consideration of the role of “vertical” environments in the development of Andean social and economic systems. Cultures such as Chavin, Moche, Nazca, Huari, Tiahuanaco, Chimú, and the rise of the imperial Inca state will be examined through artifacts, architectural remains, and ethnohistoric documents. LEC.

ANTH 510. An Introduction to Southwestern Archaeology. 3 Hours. NW / S.
Consideration of the history and processes of cultural development from the evidence of humans’ first presence to the historic period in the Southwestern United States and Northern Mexico. Special attention will be devoted to the origins, changes within, and connections to modern Southwestern native peoples of three long-lived traditions known as Hohokam, Mogollon, and Anasazi. Prerequisite: ANTH 110 or ANTH 310. LEC.

ANTH 512. Ethnohistory: ____, 3 Hours. S.
A critical evaluation of the records (local traditions, written documents, maps, photographs, etc.) relevant to a reconstruction of the history of cultures. Topic for the semester to be announced. LEC.

ANTH 514. The Near East in Prehistory. 3 Hours. S.
A broad examination of the prehistory of the Near East, emphasizing selected regional and research themes. Discussion will include a consideration of cultural adaptation and environmental diversity, early history of archaeological work, and current research trends. While all cultural periods will be examined, a major emphasis will be on the origins of food production and Neolithic economies. LEC.

ANTH 515. Topics in Old World Prehistory: ____. 3 Hours. S.
Topic for the semester to be announced. An introductory course in archaeology recommended. LEC.

ANTH 516. Hunters and Gatherers. 3 Hours. S.
The diversity of hunter-gatherer cultures documented in the ethnographic and archaeological records is considered on a global scale, with particular attention given to the relationships between environment, technology, and organization. The evolution of hunter-gatherers from the earliest hominids until their interaction with more complex societies is considered, with emphasis given to the variation and nature of change in these societies. Prerequisite: ANTH 108 or ANTH 110, or ANTH 308 or ANTH 310. LEC.

ANTH 517. Geoarchaeology. 3 Hours. N.
Application of the concepts and methods of the geosciences to interpretation of the archaeological record. The course will focus primarily on the field aspects of geoarchaeology (e.g., stratigraphy, site formational processes, and landscape reconstruction), and to a lesser extent on the array of laboratory approaches available. (Same as GEOG 532.) Prerequisite: GEOG 104, ANTH 110, or ANTH 310. LEC.

ANTH 518. Environment and Archaeology. 3 Hours. S.
An investigation of the relationships between the biophysical world and the development of human cultures. Examination of archaeological methods employed in the study of these relationships. LEC.

ANTH 519. Lithic Technology. 3 Hours. S.
An introduction to the analysis and interpretation of prehistoric stone industries. Topics discussed include origins and development of lithic technology, principles of description and typology, use and function of stone tools; interpretation of flint knapping. Prerequisite: An introductory course in archaeology. LEC.

ANTH 520. Archaeological Ceramics. 3 Hours. S.
Practicum in the method and theory of pottery analysis in archaeology. Topics include manufacturing techniques, classification, and compositional analysis of pottery artifacts, as well as strategies for interpreting the role of ceramic vessels in food production, storage, and consumption; social and ritual activities; trade and exchange; and the communication of ideas. Prerequisite: ANTH 110 or ANTH 310. LEC.

ANTH 521. Zooa rchaeology. 3 Hours. S.
This course is intended to complement faunal identification with practical involvement in analyses and interpretation of archaeological faunal assemblages using a variety of modern methods. Students will participate in the study of specific archaeological faunal remains, development of comparative zooarchaeological collections, and in middle-range research to document the variety of agents that affect faunal remains. Prerequisite: ANTH 110 or ANTH 310. LEC.

ANTH 522. Paleoethnobotany. 3 Hours. S.
This course discusses the relationship between past human groups and their plant environment, including the use of plants for food, fuel, shelter, and household articles. Topics include a review of the development of paleoethnobotanical research, methods and techniques of data recovery, basics in plant identification, methods of data quantification and interpretation, and current research topics. In addition to selected readings, students will participate with the development of comparative botanical collections and the interpretation of botanical remains recovered from archaeological contexts. Prerequisite: ANTH 110 or ANTH 310. LEC.

ANTH 523. Great Plains Archaeology. 3 Hours. S.
A survey is provided of the archaeological record and its interpretations for the Great Plains area of North America. The records from earliest human occupation, variation in hunter and gatherer societies, to horticultural and farming societies, and the historic period are reviewed. The history of archaeological research in the region, explanatory frameworks and models, and discussion of changes in economy, technology, mobility, social organization, and population movements are among the topics of concern. LEC.

ANTH 540. Demographic Anthropology. 3 Hours. S.
This course will survey demographic topics that are relevant to anthropological research and theory. Topics will include family and household structure, fertility, nuptiality, mortality, migration, and paleodemography. Emphasis will be placed on methods in use in these areas and applications from the literature. Prerequisite: Three courses in anthropology (at least one in physical and one in cultural) or graduate standing. LEC.

ANTH 542. Biology of Human Nutrition. 4 Hours. N.
Lecture and discussion. A comprehensive introduction to human nutrition, focusing on the anatomical, biochemical, and physiological aspects of nutrition. The essential nutrients and their role in human metabolism are covered in detail, and the course’s systemic approach places a strong emphasis on integration of metabolism. Students also are introduced to human dietary evolution, the concept of nutritional adaptation, and cross-cultural differences in diet and nutritional physiology. Discussion sections focus on applied aspects of human nutrition, including dietary assessment. The course is a prerequisite for ANTH 543, which is recommended as the second course in a sequence on human nutrition. Prerequisite: ANTH 104 or ANTH 304, and BIOL 152. Students who have
not had BIOL 152 should have taken a comparable introductory course in organismal physiology. LEC.

**ANTH 543. Anthropology of Food and Nutrition. 3 Hours. N.**

The first half of the course focuses on nutrition through the life cycle, with an emphasis on biological, cultural, and environmental factors that influence human dietary intake and nutrition across the life span. Particular attention is given to the role of nutrition in cross-cultural variation in human growth, development, and aging. The second half of the course examines evolutionary aspects of human nutrition, including the origins and adaptive significance of regional and cultural basis. The development of taste and food preferences, at the level of the individual and population, as well as symbolic aspects of dietary behavior also will be considered. Prerequisite: ANTH 542 or permission of instructor. LEC.

**ANTH 544. Origins of Native Americans. 3 Hours. N.**

A survey of the genetic, linguistic, historic, archaeological, and morphological evidence for the origins of indigenous populations of the Americas. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

**ANTH 545. Contemporary Health Issues in Africa. 3 Hours. S.**

The course examines health and nutrition in African communities, using the methods of biological and medical anthropology. Fundamental to the approach taken in the course is the understanding that the health of human groups depends on interactions between biological and cultural phenomena in a particular ecological context. One topic will be selected per semester, to examine in detail the full array of epidemiological factors contributing to patterns of specific diseases. AIDS, childhood diseases, and reproductive health of African women are among possible topics. Course material will be selected from scholarly and medical publications, as well as coverage in the popular media. The use of a variety of sources will enhance understanding of the biological and cultural issues involved and will help students identify possible bias and misinformation in popular coverage of events such as famine or epidemic in African settings. (Same as AAAS 554.) Prerequisite: An introductory course in either anthropology or African studies. LEC.

**ANTH 549. Human Paleontology: Fossil Apes to Australopithecus. 3 Hours. N.**

This course is an intensive survey of the fossil evidence for hominoid evolution up to the emergence of the first hominids--Australopithecus. Topics include the origin and evolution of the great apes, gibbons, and extinct forms such as Ramapithecus and Gigantopithecus, as well as the appearance of Austraaispithecines. Functional morphology is stressed. This course may be taken either before or after ANTH 550. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

**ANTH 550. Human Paleontology: Homo Erectus to Homo Sapiens. 3 Hours. N.**

The rise of genus Homo is the theme of this course. Fossils representing erectus, Neanderthal, Upper Paleolithic, and post-Pleistocene forms are discussed in detail with particular emphasis on the relationship between cultural and morphological change. The course is a continuation of ANTH 549, but may be taken out of sequence. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

**ANTH 555. Evolution of Human Diseases. 3 Hours. N.**

This course traces the evolution of human diseases over the past 3 million years. Topics include paleopathology, epidemics/pandemics, genetic adaptations to diseases, and emerging/reemerging diseases. In addition, interrelationships between humans and diseases, coupled with interactions with other animals, vectors, and natural and cultural environments are discussed. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LEC.

**ANTH 560. Introduction to Economic Anthropology. 3 Hours. S.**

This course uses ethnographic case materials to explore the ways humans provision themselves under different social and environmental conditions. It introduces the basic theories, concepts, and debates of economic anthropology and provides a foundation for more advanced courses in this subdiscipline. Prerequisite: ANTH 108/308 or ANTH 160/360, or permission of instructor. LEC.

**ANTH 561. Indigenous Development in Latin America. 3 Hours. AE42 / S.**

Surveys the history of the development enterprise since WWII, examines the marginalization and impoverishment of Latin America’s indigenous peoples, and provides training to carry out projects for and with them to enhance their quality of life. Development is understood as not merely technological or economic, but also social, emotional, and educational. Students work in teams to design their own mock development project. A 3-credit non-obligatory companion course, Applied Anthropological Field School among the Ch’orti’ Maya, will follow in the intersession after each version of this course. (Same as LAA 561.) Prerequisite: ANTH 100, ANTH 108, ANTH 160 or LAA 100; or consent of instructor. LEC.

**ANTH 562. Mexamerica. 3 Hours. AE41 / S.**

This class surveys the relations between Mexico and the U.S. as nations, and among Mexicans, Mexican Americans, and Anglo Americans (to a lesser extent other U.S. citizens) in historical perspective. Issues of sovereignty, national and ethnic identity, immigration, migration, labor relations, popular culture, media, and transnational economics are covered. Prerequisite: ANTH 108/308 or ANTH 160/360 or LAA 100. LEC.

**ANTH 563. Cultural Diversity in the United States. 3 Hours. SC / S.**

Anthropological approaches to racial, ethnic, religious, and localized communities in contemporary U.S. Surveys major theories from social science, considers case studies of immigrant indigenous peoples from historical and contemporary, local, national, and international perspectives, and addresses questions concerning the sources, conditioners, and consequences of in-group and out-group identities. Prerequisite: Introductory cultural anthropology and one cultural course numbered 300 or above, or permission of instructor. LEC.

**ANTH 564. The Peoples of Africa. 3 Hours. NW / S/W.**

"Peoples of Africa" examines the anthropology of Sub-Saharan Africa through selected case studies of particular societies and issues that have wider comparative relevance. Normally two to four societies are selected for the semester and studied through ethnographic, historical, and literary monographs. These case studies are examined in their pre-colonial, colonial, and postcolonial histories. Lectures, readings, and exercises emphasize three kinds of reasoning -- geographical, historical, and cultural context -- required to grasp events and issues in unfamiliar societies. The course also features major anthropological ideas that emerged in the study of African society, and tracks how anthropology has been adapted by African scholars, policy makers, and activists. LEC.

**ANTH 565. Popular Images in Japanese Culture, Literatures, and Films. 3 Hours. NW / S/W.**

The course examines recurring themes and images in Japanese culture through films, literary works, and anthropological and other social science literature. These themes and images are studied in the contexts of both modern and traditional cultures. Although the popular deviates from the orthodox, nevertheless, the energy and pervasiveness of these bastard offspring enforce and sustain "proper" cultural values. As a result of exploration of both highways and backroads of cultural expression, a holistic picture of Japanese ethos will emerge. (Same as EALC 565.) LEC.
ANTH 567. Japanese Ghosts and Demons. 3 Hours. NW / S/W.
An investigation of deeply rooted Japanese beliefs about intimate relationships among humans, animals, and nature - beliefs which help to explain the mysterious and to lend order to the world. Anthropological works, selections from Japanese literature, historical documents, artworks, and films will be used to examine supernatural themes. (Same as EALC 567.) LEC.

ANTH 568. Kongo Trans-Atlantic. 3 Hours. S.
This seminar explores Kongo culture and history through a cross-section of the African-Atlantic World: Western Equatorial Africa and related New World societies in Jamaica, Brazil, Haiti, Cuba, and the Georgia and Carolina Coasts, and New Orleans (thus in former British, Portuguese, French, Spanish, and U.S. colonial territories). The seminar will assess recent scholarship on patterns of slavery and resistance, cultural and linguistic change, creolization and hybridization. (Same as AAAS 568). LEC.

ANTH 569. Contemporary Central America and Mexico. 3 Hours. S.
Mexico and Central America have formed a cultural interaction zone for thousands of years, and today share common challenges, particularly political, economic, and social ones related to the Spanish colonial legacy, U.S. involvement, and their place in the global economy. Some of the issues addressed include racism, civil war, migration, youth gangs, narco-trafficking, resource extraction, homeless children, the transition from local subsistence economies to low-income work, and struggles for indigenous rights. Prerequisite: ANTH 160 or ANTH 162, or ANTH 360, or ANTH 308, or LAA 100. LEC.

ANTH 570. Anthropology of Violence. 3 Hours. S.
Introduces students to the comparative and cross-cultural study of violence. The course begins by surveying different anthropological approaches to the study of violence, with special attention paid to classical social theorists as well as ethnographic works. Topics may include (post) coloniality and identity politics, nationalism, race, religion, and political culture; geographic areas to be covered may include Africa, Europe, Latin America, the Middle East, and South Asia. LEC.

ANTH 571. Violence, Aggression, and Terrorism in the Modern World. 3-4 Hours. S.
A cultural and psychological analysis of the sources, dynamics, effects, and practices of modern patterns of violence. Variations in psycho/social reactions to violence will be examined with reference to personal, social, and cross-cultural characteristics. Particular attention will be given to the cultural and individual characteristics of people who successfully survive violence and terrorism targeted at them. Emphasis will be upon the psychological and cultural origins of terrorism and violence in modern societies. Prerequisite: Introductory course in anthropology or psychology. LEC.

ANTH 580. Feminism and Anthropology. 3 Hours. S.
This seminar will introduce students to feminism in anthropology, including feminist theories, methodologies, ethnographic styles, and the history of women in the discipline since the late 1800s. Emphasis is on the social contexts for feminist theory-building since the 1960s and changing ideas about gender and power. (Same as WGSS 580.) Prerequisite: One of the following: ANTH 389, ANTH 460, WGSS 201; or permission of instructor. LEC.

ANTH 582. Ethnobotany. 3 Hours. S.
Course will involve lectures and discussion of ethnobotany - the mutual relationship between plants and traditional people. Research from both the field of anthropology and botany will be incorporated in this course to study the cultural significance of plant materials. The course has 7 main areas of focus: 1) Methods in Ethnobotanical Study; 2) Traditional Botanical Knowledge - knowledge systems, ethnolinguistics; 3) Edible and Medicinal Plants of North America (focus on North American Indians); 4) Traditional Phytochemistry - how traditional people made use of chemical substances; 5) Understanding Traditional Plant Use and Management; 6) Applied Ethnobotany: commercialization and conversation (focus on traditional harvest of plant materials); 7) Ethnobotany in Sustainable Development (focus on medicinal plant exploration by pharmaceutical companies in Latin America). (Same as EVRN 542.) Prerequisite: ANTH 104, ANTH 108, EVRN 148, or consent of instructor. LEC.

ANTH 583. Love, Sex, and Globalization. 3 Hours. S.
Escalating transnational flows of information, commodities, and people have created innumerable kinds of "intimate" contacts on a global scale, such as mail order brides, child adoption, sex tourism, commodified romance, and emotional labor. Exploring the ways that cultural artifacts of intimacy are rendered, fetishized, and reified in a free market economy, this course examines how discourses on love and sex encounter, confront, and negotiate the logics of the capitalist market, the discrepant narratives of (colonial) modernity, and the ethics of pleasure. In so doing, this course navigates the treacherous interplay among emotionspecifically love, sex, and money, seeking the potential and limits of cultural politics of emotions. (Same as WGSS 583.) LEC.

ANTH 586. Visual Anthropology. 3 Hours. U.
This course takes a hands-on approach to the study of theory, ethics, and methods in visual ethnographic representation. Students also read and consider historical dimensions in this subdiscipline and complete individual and team projects in photographic and videographic media. Prerequisite: An introductory course in cultural anthropology or permission of the instructor. LEC.

ANTH 587. Multidisciplinary Field School in Partnership with the Chorti Maya. 3 Hours. S.
Teams of interdisciplinary students partner with the Chorti Maya of Guatemala and Honduras to share information and experiences. One third of the course consists of readings and 4-5 orientation sessions on campus, and two thirds entails two weeks in Central America. Examples of activities might include historical research, water testing and improvement, photography, art, music, tourism consultation, marketing of crafts, human rights advocacy, web design, computer training, and museum work, among others. There are no prerequisites, but students with a working knowledge of Spanish will receive preference for admission. (Same as LAA 587.) LEC.

ANTH 595. The Colonial Experience. 3 Hours. NW / S/W.
An anthropological and historical examination of the processes and dynamics of the colonial experience. Cross-cultural psychosocial phenomena that have profoundly affected the values and social organizations of both colonizers and colonized will be emphasized. Specific examples will be chosen from the former American, Japanese, and European colonial empires with emphasis on Asia. LEC.

ANTH 603. Shamanism Past and Present. 3 Hours. S.
This course explores shamanism, broadly defined as the practice of gaining insight through the use of ecstatic techniques (dance, drumming, trance, vision quests, and the use of psychotropic substances) for the purpose of interpreting existence and healing illnesses, through a consideration of theories and evidence for its practice from Upper Paleolithic times to the present day. Examples from the ancient cultures of Asia, Europe, Africa, Australia, and the Americas are used to explore current theoretical approaches in order to identify shamans and shamanism in the past. Issues of identifying shamans and shamanism in art and archaeological contexts are discussed. The course also explores the role that shamanism plays in a wide variety of cultures. The principal goal of the course is to provide a reasoned, critical interpretation of shamanism in the context of contemporary debates about its definition.
and active practice. Prerequisite: ANTH 108/308 or ANTH 110/310 or ANTH 160/360. LEC.

ANTH 605. Mortuary Practices in the Archaeological Record. 3 Hours. S.
Students study theories and methods of burial practices in the archaeological record. They learn about past communities; attitudes toward death and burial and how social organization, complexity, ideology, power, gender and age roles contribute to mortuary practices. The course examines a variety of Old and New World examples from different chronological periods through class presentations, debates and written assignments. The course focuses on comparisons and evaluation of traditional and current methods and approaches. Prerequisite: ANTH 100/300 or ANTH 110/310 or instructor’s consent. LEC.

ANTH 619. Field Concepts and Methods in Geoarchaeology. 3 Hours. S.
A field course taught during the three week summer session. Involves all-day excursions to different regions in order to introduce students to a variety of archaeological landscapes and environments. Focuses on the application of geoscientific concepts and methods in archaeological field investigations, emphasizing natural processes such as erosion, deposition, weathering, and biological and human activity that create and modify the archaeological record, and on soil-stratigraphic and geophysical approaches to landscape and site investigations. LEC.

ANTH 648. Human Osteology. 4 Hours. N.
Techniques in bone identification, sex, race, age determination, stature reconstruction, paleopathology, and bone biology are reviewed. Prerequisite: An introductory course in physical anthropology, biology, or permission of instructor. LAB.

ANTH 650. Human Reproduction: Biology and Behavior. 3 Hours. N.
This is a comprehensive course in the biology of human reproduction (anatomy, physiology, and endocrinology). The implications of human reproductive biology for the evolution of human behavior are considered as well. Students also examine in detail the methods and theories underlying two interconnected approaches utilized by biological anthropologists in the study of human reproduction: human reproductive ecology, which focuses on the biological determinants of human reproductive function and reproductive success, and human behavioral ecology, which focuses on evolutionary relationships between human reproductive strategies and human social behavior. The course is the first part of a two-semester sequence (ANTH 650 and ANTH 660) that examines in detail biological and cultural determinants of human reproductive strategies. Prerequisite: ANTH 359 or BIOL 152 or permission of instructor. LEC.

ANTH 652. Population Dynamics. 3 Hours. N.
Examination of possible interrelationships between the demographic structure of a population and the forces of evolution. Students are exposed to field methods and techniques of population studies. Prerequisite: An introductory course in anthropology, biology, or permission of instructor. LEC.

ANTH 660. Human Reproduction: Culture, Power, and Politics. 3 Hours. S.
This seminar analyzes and critiques the socially constructed nature of reproductive practices and their articulation with relations of power. Topics range from conception to menopause, infertility to population. Cases are drawn from a wide variety of cultural contexts. This course is the second part of a two-semester sequence (beginning with ANTH 650) that examines in detail biological and cultural determinants of human reproduction. (Same as WGSS 660.) Prerequisite: ANTH 650, or 6 hours in women’s studies, or permission of instructor. LEC.

ANTH 661. Cultural Dynamics. 3 Hours. S.
A survey of representative studies of the processes of cultural stability and change, and of theories of innovation, diffusion, acculturation, growth, and planned intervention in cultural processes. LEC.

ANTH 663. The Anthropology of Islam. 3 Hours. NW / H.
This course uses critical readings of major anthropological works on Islam to: 1) analyze various interpretations of “Islamic cultures” through a discussion of regionally-grounded works, and 2) examine how the anthropological study of Islam also is informed by theoretical and philosophical approaches to major anthropological questions, such as religion, myth, kinship, social organization, and power. The course offers both a history of various interpretations of Islam as well as a history of theories of these interpretations. (Same as AAAS 663.) LEC.

ANTH 664. Women, Health, and Healing in Africa. 3 Hours. H.
The course explores the values, practices, cultural systems and social-economic conditions that influence the sickness and health of women in Africa. The focus is on theoretical and applied debates and issues including: contraception, infertility, and reproduction; HIV/AIDS and other sexually transmitted infections; spiritual suffering and mental illness; trauma and violence; chronic illness, disability, and aging; pharmaceuticals, biotechnologies, and clinical research. Prerequisite: 6 hours of coursework in Anthropology and/or Women’s Studies and/or African American Studies. LEC.

ANTH 665. Women, Health, and Healing in Latin America. 3 Hours. S.
This seminar uses a life-cycle approach to examine women’s health (physical, mental, and spiritual) and their roles as healers. Special consideration is given to the effects of development programs on well-being, access to health care, and changing roles for women as healers. Cases will be drawn from a variety of Latin American contexts. (Same as WGSS 665 and LAA 665.) Prerequisite: 6 hours of coursework in anthropology and/or women’s studies and/or Latin American studies. LEC.

ANTH 666. Anthropology of Religion. 3 Hours. S.
An examination of the various approaches (individual, ritual, and cognitive) anthropologists have adopted in the study of religion, with emphasis on millenarian and prophetic movements as examples of radical change. LEC.

ANTH 667. Primitive Mythology. 3 Hours. S/W.
Methods of studying the mythology of nonliterate peoples; historical survey of theories of myth; consideration of worldwide myths and primitive mythologies from specific cultures. LEC.

ANTH 670. Contemporary American Culture. 3 Hours. S.
An anthropological investigation, in seminar format, of the social consequences of transformations in today’s society. Specific topics may include: the information explosion; developments in science and technology; genetics and assisted reproduction; ethnic and cultural diversity; and changing views of the normal and abnormal, sexual and other forms of relationships, and of the self. Prerequisite: An introductory course in cultural anthropology, sociology, or American studies. LEC.

ANTH 671. The Culture of Consumption: (E.G. United States and Japan). 3 Hours. S.
Examines the ideologies of capitalism and consumerism as they influence social institutions and daily life. Topics for consideration grow out of instructors’ interests and may include areas such as class, religion, advertising, politics, gender, medicine, environment, childhood, and education. Prerequisite: ANTH 560 or permission of instructor. LEC.

ANTH 672. Meat and Drink in America. 3 Hours. S.
This seminar examines food and beverage production and consumption in the United States. Organized metaphorically as a meal, the course explores where food and beverages come from, how they are produced
and by whom, and what they mean to us as eaters and drinkers. Although the course surveys food and beverage production and consumption in general, special attention is given to meat and poultry, alcohol, coffee, carbonated drinks, regional foods, opposition to consumption of meat and alcohol, and tobacco. LEC.

ANTH 673. Neoliberalism and Globalization. 3 Hours. S.
Transnational processes profoundly shape the 21st century human experience. This course links theories of economic globalization with ethnographic case materials. It explores the spread of the dominant ideology driving these processes and the effects of neoliberal policies on the urgent and vital matters facing humanity today: war and peace, social justice, democracy, cultural pluralism, and ecologically sustainable development. The course thereby links macro-economic policies to the experiences of families, workers, communities, women, indigenous peoples, and other social groups. Prerequisite: ANTH 560 or permission of instructor. LEC.

ANTH 674. Political Anthropology. 3 Hours. S.
Analysis of political systems of tribal societies and of pre-industrial states. LEC.

ANTH 675. Anthropology of Law. 3 Hours. S.
Comparative analysis of the legal and political strategies used to achieve social control in both Western and non-Western cultures. Emphasis on the differential use of customary and legal sanctions, formalized procedures of negotiation or adjudication, and the role of legal specialists in society. LEC.

ANTH 676. Culture Wars. 3 Hours. S.
A seminar exploring the political, religious, cultural and ideological antagonisms that divide contemporary society. Topics of dissension to be treated may include Christianity vs. Islam, evolutionism vs. intelligent design, attitudes pertaining to sexual orientation, and the role of legal specialists in society. LEC.

ANTH 680. Culture and Human Biology. 3 Hours. S.
A lecture course concerned with the relationship between culture and biological systems; the prohibition of incest; socialization and aggression in ethnological studies; disease and therapy; and other alterations of mind and body states. LEC.

ANTH 684. Anthropology and the Health Sciences. 3 Hours. S.
Ecology of human health; cultural and social factors in the etiology of human diseases; social and cultural variables involved in health practices, programs, the organization of healing systems and the diagnostic process; the consequences of health innovations and medico-technical apparatus. LEC.

ANTH 690. The Social Construction of the Self. 3 Hours. AE42/GE3H / S.
A seminar exploring concepts of the self as the product of variable social and cultural conditions. Consideration of dominant anthropological and interdisciplinary theories of the self and how the self is construed in various societies from Asia, the Pacific, and elsewhere. LEC.

ANTH 695. Cultural Ecology. 3 Hours. S.
Investigation of the interrelations between sociocultural systems and the natural environment, including a survey of major theories and descriptive studies. (Same as GEOG 670.) LEC.

ANTH 696. Language, Culture and Ethnicity in Prehistoric Eastern Europe. 3 Hours. S.
The course is for students who wish to understand the prehistory of Eastern Europe with special attention to the Slavs. The interdisciplinary course examines East European prehistory from the perspectives of archaeology and linguistics, considering also how ideologies have influenced the interpretation of results. No language prerequisite. (Same as SLAV 635) LEC.

ANTH 699. Anthropology in Museums. 3 Hours. S.
The course reviews the history of archeological, ethnographic, physical anthropological and other types of collections. It also considers current issues facing anthropologists, such as: contested rights to collections and the stories that accompany them; representation and interpretation of cultures; art and artifact; conceptualization, design and building of exhibitions; and anthropological research and education in the museum. LEC.

ANTH 701. History of Anthropology. 3 Hours.
Development of the field of anthropology and its relations with intellectual history. Emphasis on method and theory in historical context. Required of all M.A.-level students in anthropology. Prerequisite: Consent of instructor or graduate standing. LEC.

ANTH 702. Current Archaeology. 3 Hours.
An introduction to fundamental theoretical orientations and methodological approaches in world archaeology. Case studies illustrate data acquisition, dating methods, culture history, paleoenvironmental models, and culture processes. Required of all M.A.-level students in anthropology. Prerequisite: Consent of instructor or graduate standing. LEC.

ANTH 703. Current Biological Anthropology. 3 Hours.
The fundamental issues, methods, and theories in contemporary biological anthropology. Required of all M.A.-level students in anthropology. Prerequisite: Consent of instructor or graduate standing. LEC.

ANTH 704. Current Cultural Anthropology. 3 Hours.
The fundamental issues, methods, and theories in contemporary cultural anthropology and anthropological linguistics. Required of all M.A.-level students in anthropology. Prerequisite: Consent of instructor or graduate standing. LEC.

ANTH 705. Technological Change: ______. 3 Hours.
Studies in technological change through invention, evolution, and diffusion. Topic for semester to be announced. LEC.

ANTH 706. Current Linguistic Anthropology. 3 Hours.
This course will cover fundamental issues, methods, and theories in contemporary linguistic anthropology. (Same as LING 706.) Prerequisite: Graduate standing or consent of the instructor. LEC.

ANTH 707. Responsible Research and Scholarship in Anthropology. 3 Hours.
This course examines a range of issues critical to responsible research, scholarship, and practice in anthropology. Required for all doctoral students in Anthropology. Prerequisite: Graduate standing or consent of instructor. SEM.

ANTH 710. History of American Archaeology. 3 Hours.
A survey of the development of method and theory in American archaeology, with emphasis on North America. Prerequisite: Graduate standing or consent of instructor. LEC.

ANTH 715. Seminar in North American Archaeology. 2-4 Hours.
In-depth examination of specific problems and issues in the study of archaeology in North America including the Arctic. Prerequisite: Graduate standing in Archaeology or instructor’s consent. SEM.

ANTH 718. Seminar in Latin American Archaeology: ______. 3 Hours.
In-depth examination of specific problems and issues in the study of Precolumbian societies of Mesoamerica, Central America, and South America. Topic for semester to be announced. Prerequisite: ANTH 506, ANTH 508, and/or consent of instructor. LEC.
ANTH 720. Seminar in Old World Prehistory: _____. 2-4 Hours.
Studies of prehistoric cultures and their natural environments. Topic for semester to be announced. Prerequisite: Graduate standing in anthropology or consent of instructor. LEC.

ANTH 725. Introduction to Linguistic Science. 3 Hours.
An introduction to the theory and techniques of linguistic science for majors and others intending to do advanced work in linguistics and linguistic anthropology. Emphasis on the sound system, grammatical structure, and semantic structure of languages. Lectures and laboratory sessions. (Same as LING 700.) Not open to students who have taken ANTH/LING 106 or ANTH/LING 107. Prerequisite: Graduate standing. LEC.

ANTH 730. Linguistics in Anthropology. 3 Hours.
The study of language as it concerns anthropology. Language systems in relation to culture, language taxonomy, semantics, and linguistic analysis as an ethnographic tool. (Same as LING 730.) Prerequisite: Graduate standing. LEC.

ANTH 732. Discourse Analysis. 3 Hours.
This course focuses on linguistic frameworks for the analysis of discourse. Discourse is a linguistic system larger than the sentence (utterance), which connects and contextualizes speech and written text. This course focuses on current issues and theoretical frameworks in the analysis of discourse. Using oral and written data, students will examine how contexts influence and shape linguistic form. Topics covered include transcription systems, the structure and organization of different genres of language, and the performance of social actions, including stance-taking, framing, and the construction of identity. Students will also have an opportunity to perform discourse analytic research on the data of their choice. (Same as LING 732.) Prerequisite: ANTH 706 or permission of the instructor. LEC.

ANTH 733. Language, Gender and Sexuality. 3 Hours.
This course focuses on the complex relationship between language use and the social construction of gender and sexuality i.e. how language is used in the construction of gender and sexuality, and how gender and sexuality are performed and enacted through language. Examines theoretical notions of language, gender, and sexuality from linguistics, linguistic anthropology, and sociology. Among the topics covered are cross-cultural definitions of masculinity and femininity, construction of gendered and sexual identities through language use, language and power, ideologies, style, and performativity. The course will consider research on language, gender, and sexuality from a variety of cultures within the last 50 years. (Same as LING 733.) Prerequisite: ANTH 706 or permission of the instructor. LEC.

ANTH 734. Language Evolution. 3 Hours.
Human language demonstrates a level of complexity not found in the communicative systems of other species. This course focuses on the development of human language, so as to obtain a better understanding of the origin and development of human language. Questions addressed include: what features of language are distinct from other communicative system, when did human language originate, in what stages did human language evolve, and how does language relate to properties of the human brain and mind? Data from a variety of disciplines will be considered, including primatology, human development, cognition, evolutionary biology, archaeology, and linguistics. (Same as LING 734.) Prerequisite: ANTH 106 or ANTH 107 or LING 106 or LING 107 or ANTH 736 or LING 708 or ANTH 725. LEC.

ANTH 736. Linguistic Analysis. 3 Hours.
Practice in applying the techniques of phonological, grammatical, and syntactic analysis learned in introductory linguistics to data taken from a variety of languages of different structural types. (Same as LING 708.) Prerequisite: An introductory course in linguistics. Not open to students who have taken LING 308. LEC.

ANTH 740. Linguistic Data Processing. 3 Hours.
The tools and techniques necessary to analyze linguistic fieldwork data, including research design, recording and elicitation techniques, computational data processing and analysis, and field ethics. Techniques of research, field recording, and data analysis technology. Methods of phonetic transcription, grammatical annotation, and analysis of language context. Practice of techniques via short studies of at least one language. (Same as LING 740.) Prerequisite: LING 700 or permission of instructor. LEC.

ANTH 741. Field Methods in Linguistic Description. 3 Hours.
The elicitation and analysis of phonological, grammatical, and discourse data from a language consultant. In-depth research on one language. Techniques of research design, methods of phonetic transcription, grammatical annotation, and analysis of language context. (Same as LING 741.) Prerequisite: LING 705 or permission of instructor. LEC.

ANTH 743. Nutritional Anthropology: Methods and Theory. 3 Hours.
This is an intensive course aimed explicitly at graduate students whose research involves some aspect of human dietary behavior (foodways) and human nutrition. It examines the application of both biological and cultural theory to the study of human nutrition and cross-population variation in nutritional strategies and dietary practices. Topics include, among others, the evolution of human nutrition, environment and nutrition, nutritional epigenetics, effects of food scarcity, the cultural meanings of food, food as metaphor, and food and language. A second emphasis of the course is on field methods in nutritional anthropology, including dietary interviews, observation of dietary behaviors, nutritional and anthropometric assessment, nutrient analysis and ever-expanding field methods in nutritional ecology (nutritional endocrinology, physiology and genetics). Ethical issues in nutritional anthropology also are considered. Prerequisite: Graduate student status or permission from instructor. LEC.

ANTH 747. North American Indian Languages. 3 Hours.
Introduction to the nature and distribution of North American Indian languages. Prerequisite: ANTH 306 or ANTH 430 or ANTH 730. LEC.

ANTH 748. Language Contact. 3 Hours.
Theories and case studies of languages in contact. Areal and genetic linguistics, genesis of pidgins and creoles, multilingualism. Social, political, economic, and geographic factors in language change. (Same as LING 748.) Prerequisite: A course in linguistics. LEC.

ANTH 749. Linguistics and Ethnolinguistics of China and Central Asia: ____. 3 Hours.
Selected topics in linguistics and linguistic anthropology, focusing on dominant and/or minority languages of China, Central Asia, or a particular region of Central and Eastern Eurasia. Topics may include any subfield of linguistics, including language contact, typology, dialectology, and sociolinguistics. Topic for semester to be announced. (Same as LING 749.) Prerequisite: A course in linguistics. LEC.

ANTH 754. Biological Bases of Human Behavior. 3 Hours.
The role of behavioral genetics in normal behavior is examined in this seminar. There is special emphasis on the genetics of complex human behavior such as sensory perception, aggression, intelligence, proxemics, kinesics, and learning. Several abnormal conditions, such as schizophrenia, chromosomal aberrations, alcoholism, and brain dysfunction are discussed in terms of the genetic and environmental interactions. LEC.

ANTH 756. Genetics of Isolates. 3 Hours.
The evolutionary effects of finite population size and reproductive isolation are discussed in this seminar. Stochastic processes, genetic distances,
approaches to population structure, and measures of inbreeding are considered. Prerequisite: ANTH 652 or consent of instructor. LEC.

ANTH 759. Dental Anthropology. 3 Hours.
An intensive study of human teeth. Principles of eruption, growth, genetics, anatomy, pathology, measurements, sampling, and cultural changes in teeth will be presented. Prerequisite: Consent of instructor. LEC.

ANTH 761. Introduction to Medical Anthropology. 3 Hours. SC.
An introduction to the social and cultural practices that contribute to health and disease, including a survey of therapy systems in both Western and non-Western societies (e.g., Native American, African, Western allopathic, etc.). This course should be of special interest to premedical students and majors in the allied health professions. Graduate version of ANTH 461 with more advanced requirements. Prerequisite: Graduate standing or consent of instructor. LEC.

ANTH 762. Human Growth and Development. 3 Hours.
Consideration of comparative physical growth patterns throughout the human life cycle. Sex and population differences in skeletal, dental, and sexual maturation. Effect of genetic and environmental factors upon growth and maturation. Prerequisite: An introductory course in biological anthropology or consent of instructor. LEC.

ANTH 764. Selected Topics in Human Paleontology: ____. 3 Hours.
Intensive, high-level survey and critique of the application of modern biological theory of evolution and taxonomy to the problems of primate and human evolution. Prerequisite: Consent of instructor. LEC.

ANTH 766. Topics in Biological Anthropology: ____. 3 Hours.
Topic for semester to be announced. Students may repeat the course for different topics. Prerequisite: Consent of instructor. LEC.

ANTH 769. Seminar in Primate Studies. 3 Hours.
Survey of field and laboratory investigations of the comparative anatomy and behavior of nonhuman primates. LEC.

ANTH 770. Research Methods in Physical Anthropology. 3 Hours.
A practical course in the use of special laboratory techniques of biological anthropological research and methods of data presentation. Prerequisite: Consent of instructor. LAB.

ANTH 775. Seminar in Cultural Anthropology: ____. 3-9 Hours.
Intensive consideration of special problems in cultural anthropology. Topic for semester to be announced. LEC.

ANTH 778. Seminar in Applied Cultural Anthropology. 3 Hours. S.
Selected problems in applying anthropological theory, methods, and findings in programs of directed change. FLD.

ANTH 780. Social Organization. 3 Hours.
Comparative analysis of the structure, development, and function of human social groups. Emphasis on kinship, legal, economic, and political institutions. Prerequisite: Graduate standing or consent of instructor. LEC.

ANTH 781. Symbolic Anthropology. 3 Hours.
An examination of anthropological approaches to religion, world view, and other symbol systems in simple and complex societies. Prerequisite: Graduate standing or consent of instructor. LEC.

ANTH 783. Doing Ethnography. 3 Hours.
Ethnography is both process and product. The product, a representation of a culture (or selected aspects of a culture), is based on fieldwork, the common term for the ethnographic process. This course explores how ethnographers prepare for the field, do their fieldwork, and then report it. LEC.

ANTH 785. Topics in Ethnology: ____. 3 Hours.
Topic for semester to be announced. Usually the course will focus on selected problems in the social and cultural life of a people in a particular geographic region of the world. Coverage will include both the classical ethnological literature as well as special issues of current concern. Students may repeat the course for different topics. Prerequisite: Graduate standing or consent of instructor. LEC.

ANTH 786. Ethnographic Documentary Production. 3 Hours.
This course combines classroom and fieldwork in applications of theories, ethics, and methods of visual representation. Students carry out team-based ethnographic fieldwork projects through which they learn about pre-production, video production, and nonlinear post-production of ethnographic video documentaries. Prerequisite: Successful completion of ANTH 564 or permission of instructor. LEC.

ANTH 788. Symbol Systems: ____. 3 Hours.
Anthropological approaches to the study of worldview, religion, folklore, mythology, art, and other expressive behavior. Topic for the semester to be announced. Prerequisite: Graduate standing or consent of instructor. LEC.

ANTH 789. Anthropology of Gender: Advanced Seminar in the Four Fields. 3 Hours.
This seminar is intended primarily for graduate students in anthropology or other disciplines that share an interest in any of the subdisciplines of anthropology (archaeology, linguistic anthropology, biological anthropology, and sociocultural anthropology) and/or anthropological theories and methods. Undergraduates pursuing Honors or other major research projects are also encouraged to participate. Students will receive training in the contemporary theories, research, and pedagogies informing the anthropology of gender. Class participants will explore how these materials intersect with their current thesis or research projects and develop syllabi specific to their subdiscipline. (Same as WGSS 789.) Prerequisite: Permission of instructor. LEC.

ANTH 794. Material Culture. 3 Hours.
The historical and cross-cultural study of artifacts as embodiments of technological, social, organizational, and ideological aspects of culture.

ANTH 799. Anthropology Museum Apprenticeship. 1-6 Hours.
Provides directed, practical experience in research, collection care and management, public education, and exhibits, with emphasis to suit the particular requirements of each student. Limit of six hours of credit for the M.A. degree. (Same as AMS 799, BIOL 799, GEOL 723, HIST 799, and MUSE 799.) FLD.

ANTH 810. Seminar in Ethnolinguistics: ____. 2-3 Hours.
An advanced study of the relations between language and culture. Subject will vary each semester; students may repeat the course more than once. (Same as LING 810.) LEC.

ANTH 811. Quantitative Archaeology. 3 Hours.
Instruction in statistical methods for analyzing quantitative data in archaeological research. Topics will include techniques for handling nominal, ordinal, and radio-scale variables, the collection and presentation of quantitative information, and the use of computers. Prerequisite: Graduate standing and college-level algebra and/or consent of instructor. LEC.

ANTH 849. Seminar in Archaeology: ____. 2-4 Hours.
Subject matter of seminar to be announced for semester. LEC.

ANTH 851. Data Analysis in Archaeology. 1-6 Hours.
A two-semester course designed to provide graduate students with basic principles in the analysis of archaeological data. Course content will include an introduction to archaeological systematics, analytical procedures, application of multivariate statistics, and computer applications. Topic for semester to be announced. FLD.
ANTH 853. Theory and Current Problems in Archaeology. 3 Hours. Consideration of scientific methodology, basic assumptions of anthropological archaeology, relationship of archaeology and anthropology, and current theoretical and methodological trends in archaeology. LEC.

ANTH 876. Advanced Medical Anthropology: _____ 3-6 Hours. This course provides advanced training in selected aspects of medical anthropology; the topic for a particular semester will reflect the current interests of the instructor. It is expected that the course content will alternate between theoretical and applied emphases. May be repeated for a total of six hours credit. Prerequisite: ANTH 461 or consent of instructor. LEC.

ANTH 880. Advanced Feminist Anthropology: _____ 3-6 Hours. Intensive consideration of special problems in feminist anthropology. Topic for the semester to be announced. May be repeated for a total of six hours credit. (Same as WGSS 880.) Prerequisite: Permission of instructor. LEC.

ANTH 889. Summer Archaeological Field Work. 1-8 Hours. Under the direction of a professional archaeologist, undergraduate and graduate students are taught proper procedures for the excavation and laboratory analysis of data from a prehistoric or historic archaeological site. Data gathered may be used for additional graduate research. Enrollment by application; limited to twenty students. A fee for subsistence costs will be charged. FLD.

ANTH 896. Graduate Research. 1-9 Hours. Individual investigation of special problems in anthropology. Limit of six hours credit for the M.A. degree. RSH.

ANTH 897. Internship Research. 4-6 Hours. Experiential learning in the application of anthropology through placement in business, government, community, research, or social service organization or agency. Students design and implement an anthropological project under faculty supervision. Prerequisite: Graduate standing in Anthropology. RSH.

ANTH 898. Internship Analysis. 1-6 Hours. Experiential learning in the application of anthropology through placement in business, government, community, research, or social service organization or agency. This course is a sequel to ANTH 897. Students finish up any remaining research and deliver their findings to the client. They also prepare a written report and a verbal presentation for the Department of Anthropology. Prerequisite: Graduate standing in Anthropology. RSH.

ANTH 899. Master’s Thesis. 1-12 Hours. Limit of six hours credit for the M.A. degree. Graded on a satisfactory/unsatisfactory basis. THE.

ANTH 996. Graduate Research. 1-9 Hours. Individual investigation of special problems in anthropology. RSH.

ANTH 999. Doctoral Dissertation. 1-12 Hours. Graded on a satisfactory/unsatisfactory basis. THE.

Bioinformatics Courses

BINF 701. Bioinformatics I. 5 Hours. First semester of a two-semester course in bioinformatics and computational biology. Topics include basic concepts of bioinformatics and molecular modeling, bioinformatics databases, computational tools and modeling methods, protein sequence and structure alignment, conformational analysis, secondary structure determination, tertiary structure modeling (homology, threading, ab initio, molecular dynamics and Monte Carlo simulations, protein folding and dynamics), as well as students presentations of material from current papers in the field of study and their own on-going research for discussion and critique. Prerequisite: College introductory biochemistry (no requirement for specific courses), math, and computer courses or concurrent enrollment in such courses and consent of instructor. (Same as PHCH 701.) LEC.

BINF 702. Bioinformatics II. 5 Hours. Second semester of a two-semester course in bioinformatics and computational biology. Topics include protein quaternary structure modeling (protein-protein/DNA/small ligand docking, binding, computer-aided drug design), protein structure-function relationships, biological membranes (structure and function of integral membrane proteins, protein-membrane and protein-protein interactions in membranes), phylogenetic trees, modeling of genome-wide protein interaction networks based on structure, sequence, experiment and data-mining, as well as students presentations of material from current papers in the field of study and their own on-going research for discussion and critique. (Same as PHCH 702.) Prerequisite: BINF 701. LEC.

BINF 709. Topics in: _____. 1-3 Hours. Advanced courses on special topics in Bioinformatics, given as need arises, including lectures, discussions, readings, or laboratory. Students may select sections according to their special interests. LEC.

BINF 999. Doctoral Dissertation. 1-12 Hours. Original research that is to be incorporated into a PhD dissertation. THE.

Biology Courses

BIOL 100. Principles of Biology. 3 Hours. NB GE3N / N. Intended for non-science majors. The basic concepts of biology at the cellular, organismal, and population levels of organization and their applications to humans and modern society. An honors section, BIOL 101, is offered for students with superior academic records. BIOL 100 and BIOL 102 (or BIOL 101 and BIOL 103, honors) satisfy the College natural science with laboratory requirement. Concurrent enrollment in BIOL 102 is recommended. LEC.

BIOL 101. Principles of Biology, Honors. 3 Hours. NB GE3N / N. Intended for non-science majors with superior academic records. The basic concepts of biology at the cellular, organismal, and population levels of organization and their applications to humans and modern society. Concurrent enrollment in BIOL 102 or BIOL 103 is recommended. BIOL 101 and either BIOL 102 or BIOL 103 satisfy the College natural science with laboratory requirement. Prerequisite: Membership in the College Honors Program or consent of instructor. LEC.

BIOL 102. Principles of Biology Laboratory. 1 Hour. U. Intended for non-science majors. Exercises are designed to give the student hands-on experience with selected topics from the associated lecture course (BIOL 100). An honors laboratory (BIOL 103) is offered for students with superior academic records. Prerequisite: Concurrent enrollment in BIOL 100 is recommended. LAB.

BIOL 103. Principles of Biology Laboratory, Honors. 1 Hour. U. Intended for non-science majors with superior academic records. Exercises are designed to give the students hands-on experience with selected topics from the associated lecture course (BIOL 101). Prerequisite: Membership in the College Honors Program or consent of instructor. Concurrent enrollment in BIOL 101 is recommended. LAB.
BIOL 105. Biology Orientation Seminar. 1 Hour. N.
Introduces interested students to information about majoring in the biological sciences at the University of Kansas. Students learn about degree requirements, academic advising, research opportunities, and career options, as well as how to align academic and professional goals. Graded on a satisfactory/unsatisfactory basis. LEC.

BIOL 110. Microorganisms in Your World. 3 Hours. NB / N.
A course for students who are not science majors. Designed to acquaint students with some microbial activities which affect their lives. Includes the historical development of microbiology, the basic principles of microbial growth, disinfection, antibiotics, infection, and immunity; and some commercial, agricultural, and industrial uses of microorganisms. Emphasis is on infectious diseases. Not open to students with any credit in microbiology. May not be counted as a prerequisite for any other microbiology course. LEC.

BIOL 116. Introduction to Evolutionary Biology. 3 Hours. N.
An account of evolutionary thinking from classical to contemporary time. The emphasis is on mainstream developments (Darwinism, Mendelism, the Modern Synthesis, Cultural Ecology), but certain social issues will be examined (social Darwinism, creationism). LEC.

BIOL 120. Insects in Your World. 3 Hours. NB GE3N / N.
Students will learn about the global impact of insects on human concerns, both positive (pollination and decomposition) and negative (competition with humans for food, fiber, and shelter, and disease transmission) while developing an appreciation for the ways in which scientists work with real problems involving insects. The course will cover the overwhelming abundance and diversity of insects, and their life history, ecology, behavior, and physiology. This course is intended for both nonbiology and biology majors. Format: two lectures and one discussion session per week. LEC.

BIOL 150. Principles of Molecular and Cellular Biology. 4 Hours. NB GE3N / N.
An integrated lecture and laboratory course for biology majors and students planning to take additional courses in biology. This course covers basic biochemistry, cell structure and function, molecular biology, genetics, physiology, and development of plants and animals. Three hours of lecture and three hours of laboratory per week. An honors section (BIOL 151) is offered for students with superior academic records. Prerequisite: Concurrent or prior enrollment in CHEM 130, CHEM 190, CHEM 150, or CHEM 170, or consent of instructor. LEC.

BIOL 151. Principles of Molecular and Cellular Biology, Honors. 4 Hours. NB GE3N / N.
An integrated lecture and laboratory course for students with superior academic records who are biology majors or who plan to take additional courses in biology. This course covers basic biochemistry, cell structure and function, molecular biology, genetics, physiology, and development of plants and animals. Three hours of lecture and three hours of laboratory per week. Prerequisite: Membership in the University Honors Program and concurrent or prior enrollment in CHEM 130, CHEM 190, CHEM 150, or CHEM 170, or consent of instructor. LEC.

BIOL 152. Principles of Organismal Biology. 4 Hours. NB GE3N / N.
An integrated lecture and laboratory course for biology majors and students who plan to take additional courses in biology. This course covers basic elements of plant and animal morphology and physiology, principles of evolution, organismal diversity and phylogeny, population biology, population genetics, ecology, and behavior. Three hours of lecture and three hours of laboratory per week. An honors section (BIOL 153) is offered for students with superior academic records. Prerequisite: BIOL 150 or BIOL 151. LEC.

BIOL 153. Principles of Organismal Biology, Honors. 4 Hours. NB GE3N / N.
An integrated lecture and laboratory course for students with superior academic records who are biology majors or planning to take additional courses in biology. This course covers basic elements of plant and animal morphology and physiology, principles of evolution, organismal diversity and phylogeny, population biology, population genetics, ecology, and behavior. Three hours of lecture and three hours of laboratory per week. Prerequisite: BIOL 150 or BIOL 151 and membership in the University Honors Program or consent of instructor. LEC.

BIOL 177. First Year Seminar: _______. 3 Hours. NB GE11.
A limited-enrollment, seminar course for first-time freshmen, organized around current issues in biology. Does not contribute to major requirements in biology. First year seminar topics are coordinated and approved through the Office of First Year Experiences. Prerequisite: First-time freshman status. LEC.

BIOL 200. Basic Microbiology. 3 Hours. NB GE3N / N.
Introduction to bacteria and viruses. Topics include historical development of microbiology, bacterial structure and growth, enzymes and energy production, disinfection, antibacterial drugs, gene transfer, viral replication, infection and immunity, with emphasis on infectious diseases. Can be substituted for BIOL 201 as a prerequisite for other microbiology courses by consent of department. Not open to those with credit in BIOL 110, BIOL 201, BIOL 400, or BIOL 401. Prerequisite: A course in high school biology and a course in high school chemistry. This course is not recommended for first semester freshmen. LEC.

BIOL 203. Introductory Microbiology Laboratory. 2 Hours. U.
Laboratory exercises to complement BIOL 200. Prerequisite: BIOL 200. May be taken concurrently. LAB.

BIOL 210. Introduction to Clinical Laboratory Sciences. 1 Hour. U.
An introductory overview of medical technology as a profession including types of analyses performed, specialties, interrelationships in the health care system and a visit to a clinical laboratory. This course will enable those considering a major in medical technology to have a clear definition of the profession. This course does not meet any degree requirements in biology. No prerequisite. (Same as CLS 210.) LEC.

BIOL 215. Plants Through Time. 3 Hours. NB / N.
Examines the evolution of plants and their environments from the origin of life to the present, including the historical development of the biosphere, mass extinctions (past and present), and social implications of future climate changes and deforestation. Not recommended for students with credit in GEOL 121. LEC.

BIOL 225. Evolution and the History of Life. 3 Hours. GE3N / N.
This introductory course for non-majors focuses on the significance of the history of life and the fossil record for our understanding of evolution. Key events in the history of life are considered, including the origins of life, the eukaryotic cell, and humans, and also various mass extinctions. The focus is on general scientific and evolutionary principles and mechanisms that can be extracted from the study of the fossil record. It also uses the lessons of the fossil record to consider the prospects for our own species. LEC.

BIOL 240. Fundamentals of Human Anatomy. 3 Hours. N.
Introduction to the gross anatomy of the human body. Covers the spatial arrangement and appearance of structures throughout the body, including visual identification of these structures. Musculoskeletal relationships, and the anatomy of major organ systems, are emphasized. Not intended for biology majors. Prerequisite: BIOL 100, or equivalent. LEC.
BIOL 241. Human Anatomy Observation Laboratory. 2 Hours. U.
One of the two laboratories in gross anatomy designed to complement BIOL 240. Emphasizes the three-dimensional appearance and spatial relationships of anatomical structures through supervised observations of pre-dissected human cadavers. Limited to students enrolled in, or seeking admission to, programs that require a human anatomy laboratory. Concurrent or prior enrollment in BIOL 240 is required. LAB.

BIOL 242. Human Anatomy Dissection Laboratory. 3 Hours. U.
One of the two laboratories in gross anatomy designed to complement BIOL 240. Provides an opportunity to develop a comprehensive three-dimensional understanding of anatomical structures and spatial relationships while gaining substantial dissecting experience. Student perform supervised dissection of human cadavers. Limited to students enrolled in, or seeking admission to, programs that require a human anatomy laboratory. Concurrent or prior enrollment in BIOL 240 is required. LAB.

BIOL 246. Principles of Human Physiology. 3 Hours. N.
An introduction to the physiological and biochemical processes and general physiological principles necessary to sustain life. Organ and organ system processes are emphasized. Intended for students majoring in allied health or sports related curricula who require a course in human physiology. Not intended for biology majors. Prerequisite: BIOL 100 or equivalent. LEC.

BIOL 247. Principles of Human Physiology Laboratory. 2 Hours. U.
Designed to complement BIOL 246. Uses experiments and simulations to demonstrate laboratory techniques and representative processes in areas of human physiology. Concurrent or prior enrollment in BIOL 246 required. LAB.

BIOL 350. Principles of Genetics. 4 Hours. N.
Why are related individuals more similar than unrelated individuals and what is the basis for heritable traits? From Mendel's discoveries of the patterns of genetic inheritance, to the study of transmissible hereditary factors, genetics is central to understanding the biological sciences. Topics include molecular genetics and genetic engineering; Mendelian genetics and mapping; control of gene expression; cytogenetics; epigenetics and non-Mendelian genetics; and population and quantitative genetics. Examples are taken from a wide variety of organisms, including viruses, bacteria, plants, fungi, insects, and humans. Prerequisite: Two semesters of college-level chemistry and BIOL 150 or BIOL 152; or consent of the instructor. LEC.

BIOL 360. Principles of Genetics, Honors. 4 Hours. N.
The science of genetics aims to explain why individuals differ from one another and how these differences are inherited. Honors Genetics covers all core topics in fundamental genetics: Mendelian inheritance, meiosis and recombination, mutation, molecular genetics, population genetics, quantitative genetics and genomics. Special attention given to the practice of genetics and the complex relationship between genotype, phenotype and environment. A broader goal of Honors Genetics is to provide students a framework for understanding recent advances in medical genetics and the modern era of personal genomics. Prerequisite: Two semesters of college-level chemistry and BIOL 150 or BIOL 152; membership in the University Honors Program; or consent of the instructor. LEC.

BIOL 400. Fundamentals of Microbiology. 3 Hours. NB GE3N / N.
Fundamental principles of microbiology with emphasis on physical and chemical properties of the bacterial cell; microbial metabolism, cultivation, growth and death of bacteria; microbial genetics, pathogenesis and immunity, industrially important microorganisms. Prerequisite: BIOL 150 or BIOL 151 and two semesters of college chemistry, or consent of the instructor. LEC.

BIOL 401. Fundamentals of Microbiology, Honors. 3 Hours. N.
Honors section of BIOL 400 and BIOL 612, by application and invitation. Prerequisite: BIOL 151, two semesters of college chemistry, and membership in the University Honors Program, or consent of the instructor. LEC.

BIOL 402. Fundamentals of Microbiology Laboratory. 2 Hours. U.
Laboratory exercises designed to complement BIOL 400 or BIOL 700. Prerequisite: BIOL 400 or BIOL 612, or BIOL 400 or BIOL 612 concurrently. LAB.

BIOL 405. Laboratory in Genetics. 2 Hours. U.
A laboratory program which includes written reports on fruit fly crosses, exercises on meiosis, probability and statistics, human genetics and computer simulations of genetics problems. Prerequisite: Concurrent or prior (preferred) enrollment in BIOL 350 or its equivalent. LAB.

BIOL 408. Physiology of Organisms. 3 Hours. N.
A comprehensive and integrative approach to the study of organisms with an emphasis on physiological, ecological, structural, and behavioral adaptations to differing environments. Prerequisite: BIOL 152 or BIOL 153 and CHEM 130 or CHEM 190 or CHEM 170; or consent of the instructor. LEC.

BIOL 409. Physiology of Organisms, Laboratory. 2 Hours. U.
The laboratory exposes the students to the structure and function of the major groups of animals and plants. Students use basic techniques of biological observation, such as microscopy and dissection, and experimental techniques to analyze plant and animal function. Prerequisite: Concurrent or prior enrollment in BIOL 408, or consent of the instructor. LAB.

BIOL 410. Human Biogeography, Honors. 3 Hours. N.
Principles of evolution and earth change are used to examine distributions of human populations, wealth, and resources. Readings from the current literature will be included. Lecture and discussion. (Same as GEOG 410.) Prerequisite: BIOL 152 or BIOL 153 or GEOG 107 and membership in the University Honors Program or consent of instructor. LEC.

BIOL 412. Evolutionary Biology. 4 Hours. N.
Introduction to the patterns and processes of organic evolution. Considered are the history of evolutionary thought, molecular evolution, genetics and microevolution, selection and adaptation, and speciation and macroevolution. Emphasis will be placed on how scientists study and document change over time in natural populations, methods for testing hypotheses about events in evolutionary history, and how discovering evolutionary mechanisms at one level of organization can help to explicate general processes in the natural world. Prerequisite: BIOL 152 and BIOL 350, or consent of the instructor. LEC.

BIOL 413. History and Diversity of Organisms. 3 Hours. N.
An integrated lecture and laboratory course presenting an overview of the variety and ancestry of life on earth. Using representatives from prokaryotes, protists, plants, fungi, and animals, principles of phylogenetic reconstruction are illustrated and evolutionary trends in the life history features, functional morphology, and structural complexity of extant and extinct organisms are presented. Two hours of lecture and three hours of laboratory per week. Prerequisite: BIOL 152 or BIOL 153, or consent of the instructor. LEC.

BIOL 414. Principles of Ecology. 3 Hours. N.
Study of the principles underlying species population density changes, community structure and dynamics, biogeochemical cycles, and energy flow and nutrient cycling in ecosystems. Prerequisite: BIOL 152 or BIOL 153, or consent of the instructor. LEC.
BIOL 415. Field and Laboratory Methods in Ecology. 2 Hours. N.
This course complements BIOL 414 with field trips and laboratory exercises that illustrate the basic concepts of ecology. Topics covered include methodologies for quantitative sampling of terrestrial and aquatic systems, design of field studies, computer simulation and digital data analysis techniques, and scientific writing. Prerequisite: Concurrent or prior enrollment in BIOL 414. A statistics course is recommended. FLD.

BIOL 416. Cell Structure and Function. 3 Hours. N.
Lecture survey of molecular cell biology with emphasis on experimental approaches to understanding cell function; topics include biological membranes and transmembrane transport, vesicular trafficking (secretion and endocytosis), cell signaling, cell motility and the cytoskeleton, and the regulation of the cell division cycle. Prerequisite: BIOL 150 or BIOL 151; BIOL 350 or BIOL 360; CHEM 130 or CHEM 190 or CHEM 170; and CHEM 135 or CHEM 195 or CHEM 175, or consent of the instructor. LEC.

BIOL 417. Biology of Development. 3 Hours. N.
A general course designed to introduce students to the developmental biology of animals. Emphasis is placed on understanding how a single-celled fertilized egg develops into a complex multicellular organism by the processes of cell division, differentiation, growth, and morphogenesis. Lectures stress experimental approaches to investigating development, including classic embryology and modern molecular genetics. Prerequisite: BIOL 350 or consent of the instructor. LEC.

BIOL 418. Laboratory in: ____. 1-3 Hours. U.
A varied program of laboratory and fieldwork designed to introduce students to investigative approaches in the study of the basic concepts of biological science. Students may enroll in more than one section. Prerequisite: BIOL 100, BIOL 101, BIOL 150, BIOL 151, or consent of instructor. Each section may have additional prerequisites to be determined by instructor. LEC.

BIOL 419. Topics in: ____. 1-3 Hours. N.
Courses on special topics in biology, given as need arises. May be lectures, discussions, readings, laboratory, or fieldwork. Students may select sections according to their special needs. IND.

BIOL 420. Seminar: ____. 1-3 Hours. N.
The preparation and presentation of oral reports on selected topics from the recent research literature. Students may choose one interest group each semester, but may enroll in a given interest group only once. Enrollment in each interest group limited to twenty students. Prerequisite: Course work varying with the topic of the seminar, or consent of instructor. LEC.

BIOL 421. Topics in Molecular Biosciences: ____. 3 Hours. N.
Lecture instruction and the preparation and presentation of oral and written reports on selected topics from the recent research literature in molecular biosciences. Students may enroll in a given topic only once. Prerequisite: Course work varying with the topic of the seminar; or consent of instructor. LEC.

BIOL 423. Non-laboratory Independent Study. 1-9 Hours. AE61 / N.
Original study in discussion or preparation of review papers on selected topics of current interest. May be undertaken only with the consent of the major advisor and of the faculty member who will guide the research. Prerequisite: Consent of instructor. IND.

BIOL 424. Independent Study. 1-9 Hours. AE61 / N.
Original study in laboratory or field in selected topics of current research interest. May be undertaken only with the consent of the major advisor and of the faculty member who will guide the research. Prerequisite: Consent of instructor. IND.

BIOL 425. Teaching Apprenticeship in Biology. 1-9 Hours. N.
Involvement as teaching assistant for a course in Biology. Credit hours shall not exceed the credits offered for the course being taught. May be undertaken only with the consent of the Director of Undergraduate Biology and of the faculty member who will teach the course. Prerequisite: Consent of instructor and Director of Undergraduate Biology. FLD.

BIOL 426. Laboratory in Cell Biology. 3 Hours. U.
Laboratory exercises will examine the function, organization, and composition of eukaryotic cells. Prerequisite: BIOL 150 or BIOL 151, CHEM 130 or CHEM 190 or CHEM 170; concurrent or prior enrollment in BIOL 416 or BIOL 536; or consent of the instructor. BIOL 350 or BIOL 360 is highly recommended. LAB.

BIOL 427. Developmental Biology Laboratory. 2 Hours. U.
Laboratory exercises examine processes of early development in animal model organisms. Students study the normal development of live embryos and prepared slides of sea anemones, sea urchins, frogs and chicks. Study of regeneration and axial patterning through experimental manipulation of invertebrates is also explored. Prerequisite: Concurrent or prior enrollment in BIOL 417. LAB.

BIOL 428. Introduction to Systematics. 3 Hours. N.
Basic elements of systematic theory and practice; phylogenetic reconstruction using morphological and molecular data; interpretation of phylogenetic hypotheses; principles of nomenclature and classification; evolutionary processes and patterns of species diversity; discussion of the aims and needs of taxonomy; species and speciation; construction of keys; significance of biological collections. Prerequisite: BIOL 152 or BIOL 153. Not intended for students with advanced systematics background. LEC.

BIOL 430. Laboratory in Molecular Biology. 3 Hours. U.
Practical experience in recombinant DNA technology and molecular cloning. Prerequisite: BIOL 416 or a course in biochemistry or microbiology. LAB.

BIOL 432. Human Behavioral Genetics. 3 Hours. S.
A survey of human behavioral genetics for upper division undergraduates. Emphasis is on how the methods and theories of quantitative, population, medical, and molecular genetics can be applied to individual and group differences in humans. Both normal and abnormal behaviors are covered, including intelligence, mental retardation, language and language disorders, communication, learning, personality, and psychopathology. (Same as ANTH 447, PSYC 432, SPLH 432.) Prerequisite: Introductory courses in biology/genetics or biological anthropology and psychology are recommended. LEC.

BIOL 435. Introduction to Neurobiology. 3 Hours. N.
Basic principles of neurobiology. The focus will be on the nature of communication among nerve cells and their targets. Topics will include the development, structure and function of nerve cells, chemistry of neurotransmission, processing and integration including the cellular and molecular basis of higher functions and neurological disorders. Prerequisite: BIOL 150 or BIOL 151. LEC.

BIOL 440. Advanced Human Anatomy. 6 Hours. N.
Integrated lecture and laboratory course designed to provide students with a detailed understanding of the structure of the human body. Cadaver dissection will reinforce three-dimensional relationships discussed in lecture and each of the main organ systems will be considered using a regional approach to the body. Prerequisite: BIOL 152 or equivalent; BIOL 240, BIOL 241, or BIOL 242; and instructor consent. LEC.

BIOL 448. Kansas Plants. 3 Hours. N.
A study of common and important non-cultivated Kansas plants, with special emphasis on the ecology of the state; paleoclimatic and
paleobotanical background of the central prairies and plains; present climate, physiography and vegetation; poisonous, edible, and medicinal plants; identification by means of simplified keys. Prerequisite: BIOL 100, BIOL 101, BIOL 150, or BIOL 151 and BIOL 152 or BIOL 153. LEC.

**BIOL 449. Laboratory/Field Work in Human Biology. 1-3 Hours.**

Facility supervised laboratory or field research for Human Biology majors. Students design and complete a research project in collaboration with a Human Biology faculty member. (Same as ANTH 449, PSYC 449, and SPLH 449.) Prerequisite: Consent of instructor and Human Biology major. LEC.

**BIOL 454. Brain Diseases and Neurological Disorders. 3 Hours. N.**

Major brain diseases and neurological disorders such as stroke, Alzheimer’s Disease, Parkinson’s Disease, Huntington’s Disease, Multiple Sclerosis, Epilepsy, Schizophrenia, etc., will be discussed in terms of the etiology, molecular, and cellular basis of potential therapeutic interventions. Graduate students are required to present original research paper assigned by the instructor to the class in addition to other assignments for all the students enrolled. Prerequisite: BIOL 150, or consent of instructor. LEC.

**BIOL 461. Biodiversity of the Rainforest. 3 Hours. N.**

An introduction to birds, bats, and plants of the rainforest, with emphasis on general characteristics of each of the taxa and their relationship to the tropical ecosystem, as well as their particular anatomy, ecology, behavior, and diversity. Field work focuses on identification of birds and bats (at species level), plants (at family level), and on capturing and preservation techniques. Taught in Golfito, Costa Rica. Contact Undergraduate Biology, or the Office of Study Abroad. Prerequisite: BIOL 150 or BIOL 151 and BIOL 152 or BIOL 153, or equivalent. Fall and spring semester courses are taught in Spanish; therefore, four semesters of Spanish are required. Summer courses are taught in English. LEC.

**BIOL 463. Introduction to Ornithology of the Tropics. 4 Hours. N.**

A theory and practice course on birds. Course covers morphology, reproduction, evolution, ecology, and behavior, as well as systematics of Costa Rican birds. Course includes field work on bird identification. Taught in Golfito, Costa Rica. Contact Undergraduate Biology, or the Office of Study Abroad. Prerequisite: BIOL 150 or BIOL 151 and BIOL 152 or BIOL 153, or equivalent. Fall and spring semester courses are taught in Spanish; therefore, four semesters of Spanish are required. Summer courses are taught in English. LEC.

**BIOL 465. Marine Biology. 4 Hours. N.**

A theory and practice course on biotic relations, the role of organisms and marine biodiversity. It covers basic marine principles and physico-chemical processes (temperature, salinity, dissolved oxygen, nutrients, and pH in the water) and their effect on the abundance, and horizontal and vertical distribution of marine organisms. Course includes field work on data collection. Taught in Golfito, Costa Rica. Contact Undergraduate Biology, or the Office of Study Abroad. Prerequisite: BIOL 150 or BIOL 151 and BIOL 152 or BIOL 153, or equivalent. Fall and spring semester courses are taught in Spanish; therefore, four semesters of Spanish are required. Summer courses are taught in English. LEC.

**BIOL 467. Marine Resources Management. 3 Hours. N.**

A theory and practice course which focuses on the techniques used for monitoring the growth of fish, shrimp, and mollusks, with the purpose of understanding the variables that could produce the best yields. The course covers ecology (population growth, competition, predators, ecosystem dynamics), and fishery biology (growth, fish yield, capture efficiency) applicable in the field experiments. Taught in Golfito, Costa Rica. Contact Undergraduate Biology, or the Office of Study Abroad. Prerequisite: BIOL 150 or BIOL 151 and BIOL 152 or BIOL 153, or equivalent. Fall and spring semester courses are taught in Spanish; therefore, four semesters of Spanish are required. Summer courses are taught in English. LEC.

**BIOL 468. Fresh Water Ecology. 4 Hours. N.**

A theory and practice class on the study of rivers and lagoons. It includes systematics of rivers, lagoons, and reservoirs. Course includes theory and field work to monitor physical (stream topography, flow, edge vegetation), chemical (nutrients, temperature, pH levels, dissolved oxygen), and biological (collecting and identification of aquatic insects) conditions in rivers. Taught in Golfito, Costa Rica. Contact Undergraduate Biology, or the Office of Study Abroad. Prerequisite: BIOL 150 or BIOL 151 and BIOL 152 or BIOL 153, or equivalent. Fall and spring semester courses are taught in Spanish; therefore, four semesters of Spanish are required. Summer courses are taught in English. LEC.

**BIOL 476. Ecology and Global Change. 3 Hours. N.**

Humans influence both natural and managed ecosystems. This course studies the effects of climate change, land-use change, and reductions in biodiversity on ecosystems. Emphasis is placed on how biological and physical processes may be perturbed by human influences. Topics include the greenhouse effect, species extinctions, human disease expansion, and the effects of global change on agricultural productivity. A combination of lectures and discussion address issues from a scientific basis and link these ecological issues to our everyday lives and society as a whole. Prerequisite: BIOL 152, BIOL 153, or equivalent, or permission of instructor. LEC.

**BIOL 477. Biology and Diversity of Parasites. 3 Hours. N.**

Coverage includes a diversity of protozoan and metazoan groups parasitizing animals, including humans (e.g., malaria, amoebas, hookworms, tapeworms). Some emphasis is given to groups of parasites of particular medical and/or economic importance. Selected principles of parasitism are introduced. Prerequisite: BIOL 152 or BIOL 153, or permission of instructor. LEC.

**BIOL 480. Biology and Diversity of Insects. 4 Hours. N.**

A theory and practice class on the diversity of insects. Course covers morphology, systematics, evolution, physiology, and behavior, as well as systematics of insects. Course includes field work on insect identification. Taught in Golfito, Costa Rica. Contact Undergraduate Biology, or the Office of Study Abroad. Prerequisite: BIOL 150 or BIOL 151 and BIOL 152 or BIOL 153, or equivalent. Fall and spring semester courses are taught in Spanish; therefore, four semesters of Spanish are required. Summer courses are taught in English. LEC.

**BIOL 481. Parasitology Laboratory. 1 Hour. U.**

Laboratory course in the study of parasites of human, animal, and plant hosts. Includes morphological identification, study of the life cycles of various parasites, and molecular techniques. Prerequisite: BIOL 152 or 153 or permission of instructor. LEC.

**BIOL 484. Introduction to Mammalogy. 3 Hours.**

A study of mammals, with emphasis on evolution, biogeography, systematics, and natural history. Lectures, laboratory, and field study. Prerequisite: BIOL 152 or 153 or permission of instructor. LEC.

**BIOL 489. Introduction to Honors Research. 2 Hours. N.**

Intended for sophomores planning to enroll in the Biology Honors Program. Students interested in pursuing Biology Honors discuss with Biology faculty members the rationale, methods, and interpretations of research being carried out in individual faculty labs to learn how scientific research is conducted. Prerequisite: At least 17 credit hours of college level natural sciences coursework or consent of instructor. LEC.

**BIOL 500. Biology of Insects. 3 Hours. N.**

Lectures and demonstrations providing an introduction to the study of insects, including general classification, structure, phylogeny, identification, development, physiology, behavior, ecology, and relations to human affairs. Prerequisite: BIOL 152, 153, or equivalent, or permission of instructor. LEC.

**BIOL 502. Laboratory in Insect Biology and Diversity. 2 Hours. U.**

Laboratory and field studies of insects, emphasizing their diversity, classification, ecological relationships, morphology, and behavior.
Course provides practical application of principles covered in BIOL 500. Prerequisite: Concurrent or prior enrollment in BIOL 500 or the equivalent. LAB.

**BIOL 503. Immunology. 3 Hours. N.**
Lectures on the nature and mechanisms of natural and acquired resistance including humoral and cellular immunity. Characteristics of antigens and antibodies and of their interaction; ontogeny and cellular basis of immune responsiveness, hypersensitivity; specific immunologic tolerance. Not open to those with credit in BIOL 524. Prerequisite: BIOL 400 or BIOL 401, or consent of instructor. LEC.

**BIOL 504. Immunology Laboratory. 2 Hours. U.**
Laboratory designed to complement BIOL 503. Prerequisite: BIOL 503, or BIOL 503 concurrently. LAB.

**BIOL 505. Social Insects. 3 Hours. N.**
Lectures and laboratory demonstrations on presocial and social insects, specifically termites, ants, wasps, and bees. Emphasis will be placed on evolution of social behavior and the place of social insects in sociobiology. Prerequisite: BIOL 152, BIOL 153, or equivalent. LEC.

**BIOL 506. Pathogenic Microbiology. 3 Hours. N.**
Lectures. Characteristics and mechanisms of pathogenic microorganisms and disease processes. Elements of host-parasite interactions. Not open to freshmen or sophomores. Prerequisite: BIOL 503, or consent of instructor. LAB.

**BIOL 507. Pathogenic Microbiology Laboratory. 2 Hours. U.**
Laboratory to complement BIOL 506. Cultivation of pathogenic microorganisms, diagnostic procedures, and experiments to demonstrate various aspects of microbial pathogenicity and host responses. Prerequisite: BIOL 402 and BIOL 506 (or concurrent enrollment) or consent of instructor. LAB.

**BIOL 509. Biology of Spiders. 3 Hours. N.**
An introduction to the evolution, anatomy, physiology, behavior, and ecology of spiders and other arachnids. Special topics include the action of spider venoms; the composition and uses of silk; courtship and mating; predation; social behavior; and the role of spiders in natural and agricultural ecosystems. Concurrent enrollment in BIOL 511 is encouraged. Prerequisite: BIOL 152, BIOL 153 or permission of instructor. LEC.

**BIOL 510. Comparative Anatomy. 5 Hours. N.**
Structure, function, and evolution of the vertebrates. Lectures and laboratory study. A course designed for zoologists. Prerequisite: BIOL 100, BIOL 101, BIOL 150, or BIOL 151 and BIOL 152 or BIOL 153. LEC.

**BIOL 511. Biology of Spiders Laboratory. 1 Hour. U.**
Topics will include comparative biology of arachnid orders (spiders, scorpions, harvestmen, mites, and others), external and internal anatomy of spiders, identification of common spider families and genera, and spider behavior. Students will be required to make a small collection (collect, preserve, and identify specimens). Prerequisite: BIOL 509; concurrent enrollment is preferred. LAB.

**BIOL 512. General Virology. 3 Hours. N.**
Lectures and discussions covering the basic nature and characteristics of viruses from a general biological point of view: viruses of bacteria, animals and plants, physical-chemical properties; host cell-viral interactions; mode of replication of DNA and RNA viruses, tumor viruses. Prerequisite: BIOL 400, BIOL 401 or consent of instructor. LEC.

**BIOL 513. Virology Laboratory. 2 Hours. U.**
Experiments involving cultivation, quantitation, and identification of animal viruses, continuous cell culture and primary chicken embryo culture techniques. Molecular biology techniques are used to demonstrate the steps in virus replication. The value of viruses as tools to understand normal cellular processes is emphasized in experiments which demonstrate the relative simplicity of viruses and the relative complexity of eukaryotic cells. Demonstrations include transformation of cells by tumor viruses and electron microscopy of virus particles. Prerequisite: BIOL 402 and BIOL 512, or consent of instructor. LAB.

**BIOL 514. Principles of Ecology, Honors. 3 Hours. N.**
Honors section of BIOL 414 for students with superior academic records. Course covers core concepts on the ecology of individuals, populations, communities, and ecosystems. Relative to BIOL 414, topics are presented in greater depth with increased student participation and stronger emphasis on the primary scientific literature. Prerequisite: BIOL 100, BIOL 101, BIOL 150, or BIOL 151 and BIOL 152 or BIOL 153. Open only to students admitted to the University Honors Program or by consent of instructor. LEC.

**BIOL 516. Microbial Physiology. 3 Hours. N.**
Elements of microbial physiology. Carbohydrate metabolism; enzymes and coenzymes; microbial nutrition; quantitative problems in microbial physiology; a survey of microbial metabolic types. Prerequisite: BIOL 400 or BIOL 612 and BIOL 402, and five hours of organic chemistry. LEC.

**BIOL 517. Microbial Physiology Laboratory. 2 Hours. U.**
Laboratory designed to complement BIOL 516. Prerequisite: BIOL 516, or BIOL 516 concurrently. LAB.

**BIOL 518. Microbial Genetics. 3 Hours. N.**
Bacteria and viruses as models of genetic systems. Mutagenesis and repair. Transformation, transductions, and recombination. Molecular biology of gene expression. Prerequisite: An introductory microbiology course. LEC.

**BIOL 519. Microbial Genetics Laboratory. 2 Hours. U.**
Laboratory designed to complement BIOL 518. Prerequisite: BIOL 402, BIOL 518, or BIOL 518 concurrently. LAB.

**BIOL 520. Marine Biology. 3 Hours. N.**
This introductory course covers biological, physical, and chemical ocean sciences, with an emphasis on ecological aspects. In addition to this Lawrence campus course, students may enroll for a supplementary 1 credit field trip class to a Caribbean coral reef island offered in December or January. Prerequisite: BIOL 414 or permission of the instructor. LEC.

**BIOL 521. Insect Systematics. 4 Hours. N.**
A study of the diversity of insects, including the classification of all living and fossil orders and the more common families primarily on the basis of external morphology. The biology, ecology, phylogeny, and geological history of each order is covered. Includes both lectures and laboratory exercises. The course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 500, BIOL 502 or equivalent, or permission of instructor. LAB.

**BIOL 525. Aquatic Entomology. 4 Hours. N.**
Designed to enable students to develop skill in the area of identification of aquatic insects and to gain a detailed comprehension of their community structure and dynamics. The external morphology of all aquatic orders is covered, followed by consideration of specific physiological and behavioral adaptations that facilitate an aquatic existence. Includes both lectures and laboratory exercises. Requirements include making a collection of aquatic insects. The course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 504 or BIOL 500. LEC.

**BIOL 526. Insect Physiology and Internal Morphology. 3 Hours. N.**
Mechanisms and integration of the internal life-supporting systems of insects, emphasizing the interdependence of structure and function. The
course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 408 and BIOL 500, or permission of instructor. LEC.

BIOL 528. External Morphology of Insects. 4 Hours. N.
A study of external structure common to all insect orders, with detailed comparative laboratory studies of representative species. Includes both lectures and laboratory exercises. The course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 500, BIOL 502 or equivalent, or permission of instructor. LEC.

BIOL 529. Immature Insects. 3 Hours. N.
The classification, structure, and ecological distribution of immature insects, especially larvae of Holometabola. Includes both lectures and laboratory exercises. The course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 502 or permission of instructor. LEC.

BIOL 533. Biology of Fungi. 4 Hours. N.
A study of the major groups of fungi from slime molds to mushrooms. Emphasis on their activities in natural substrates, isolation techniques, parasitic and mutualistic relationships with other organisms, uses in research, industrial applications, production of mycotoxins and poisons, and physiological, genetic and reproductive behavior. Lectures, laboratory, and field trips. Prerequisite: BIOL 100, BIOL 101, BIOL 150, or BIOL 151 and BIOL 152 or BIOL 153. LEC.

BIOL 536. Cell Structure and Function (Honors). 3 Hours. N.
BIOL 536 is the honors version of BIOL 416. Completion of this class will satisfy the BIOL 416 requirement. Open to students in the Honors program or by permission of instructor. Prerequisite: BIOL 350 or consent of instructor. LEC.

BIOL 540. General Invertebrate Zoology. 4 Hours. N.
Phylogeny, physiology, and embryology; evolutionary processes; characteristics of major ecological groupings. Laboratory will consider major taxonomic categories with emphasis on functional morphology and its evolutionary modifications. Prerequisite: BIOL 152 or BIOL 153. LEC.

BIOL 545. Evolution of Development. 3 Hours. N.
An advanced course designed to expose students to evolutionary change in the developmental patterning of plant and animal form. This course integrates multiple biological disciplines including phylogenetics, comparative morphology, molecular evolution and developmental genetics to explore biodiversity at a mechanistic level. Topics range from issues surrounding homology assessment to empirical examples of how changes in gene expression or function may have shaped morphological diversity. Prerequisite: BIOL 350 or equivalent. LEC.

BIOL 555. General Plant Physiology. 3 Hours. N.
The principal physiological processes of higher plants including photosynthesis, respiration, water relations, mineral nutrition, and factors associated with morphogenesis. Prerequisite: BIOL 408 or consent of instructor. LEC.

BIOL 560. Histology. 3 Hours. N.
Study of detailed microscopic anatomy of cells, tissues, and organs of mammals. Examples are drawn from normal and abnormal tissue, histochemistry, and electron microscopy. Lecture and demonstrations. A course in anatomy and physiology is highly recommended. Prerequisite: BIOL 152 or BIOL 153. LEC.

BIOL 570. Introduction to Biostatistics. 3 Hours. N.
Statistical concepts related to biological problems. Topics include the scientific method, data representation, descriptive statistics, elementary probability distributions, estimation and hypothesis testing, emphasizing the analysis of variation. Prerequisite: College algebra and ten hours of natural science. LEC.

BIOL 571. Introduction to Biostatistics Laboratory. 2 Hours. U.
Introductory statistical analyses on microcomputers. Data entry and export; simple graphs and exploratory data analysis; descriptive statistics; sampling; point and interval estimation; one and two sample t-tests; Chi-square; regression and correlation; analysis of variance; and nonparametric methods. Prerequisite: BIOL 570 or equivalent (may be taken concurrently). LAB.

BIOL 582. Principles of Biogeography. 3 Hours. N.
An introduction to the study of the distribution of life on earth. Covers geographical patterns of species diversity and the processes that give rise to those patterns: speciation, extinction, dispersal, vicariance, continental drift, ecological interactions, and phylogeny. Topics are presented within the framework of evolutionary history and include discussion of the biology of species on islands, terrestrial biomes, altitudinal zonation of species, latitudinal species gradients, historical factors governing species distributions, macroevolutionary trends in the fossil record, and application of modern molecular techniques for testing biogeographical hypotheses. Prerequisite: BIOL 152 or 153 and past or concurrent enrollment in BIOL 412, 413, 414, or 550; or permission of Instructor. LEC.

BIOL 583. Herpetology. 3 Hours. N.
A study of amphibians and reptiles. This lecture course will explore the taxonomic diversity of amphibians and reptiles, and current areas of active research in herpetology. Topics will be considered within a phylogenetic framework, and include discussion on systematic, biogeography, tetrapod origins, skeletal systems, growth, circulatory system, locomotion, thermal and water regulation, hibernation, ecology, sexual behavior, parental care, and mimicry. LEC.

BIOL 592. Ichthyology. 4 Hours. N.
A study of fishes. Lecture topics include the structure and adaptations of fishes to the aquatic environment and a survey of major fish groups with emphasis on their evolution and biogeography. Laboratory topics include a survey of fish diversity using specimens and the use of keys to identify fishes, with emphasis on the Kansas fish fauna. This course meets with BIOL 792. Students taking this course at the 700 level will have additional work required of them. Prerequisite: BIOL 152 and/or BIOL 413. LEC.

BIOL 593. Ornithology. 3 Hours. N.
A lecture and laboratory course on the biology, evolution, and diversity of birds. Prerequisite: BIOL 412 (or BIOL 413), or permission of instructor. LEC.

BIOL 594. Forest Ecosystems. 3 Hours.
Students learn basic concepts of forest productivity, forest water relations, forest hydrology, nutrient cycling, through soils and vegetation, nutrient uptake, carbon cycling, decomposition, linkages to aquatic ecosystems, and agents of disturbance to these cycles. The class spends a significant part of the semester exploring forest soil profiles and the challenges they present to different forest ecosystems. We discuss the function of forested ecosystems in a global context and identify and understand smaller-scale processes that drive forest function. Prerequisite: CHEM 135 or CHEM 195 or CHEM 175, and BIOL 414. LEC.

BIOL 595. Human Genetics. 3 Hours. N.
A lecture course providing balanced coverage of Mendelian and molecular genetics of humans; includes discussions and presentations on current issues in human and medical genetics. Prerequisite: BIOL 350. LEC.

BIOL 598. Research Methods. 3 Hours. N.
An introduction for pre-service teachers to the tools used by scientists to solve scientific problems. Topics include design of experiments and interpretation of their results, use of statistics, mathematical modeling,
BIOL 599. Senior Seminar: ____. 1 Hour. AE61 / N. 
A synthesis and discussion of current trends in a discipline or disciplines related to one of the degrees offered in the biological sciences. Emphasis is placed on providing seniors with an appreciation of the discipline’s state-of-the-art and on developing skills for success in the next stage of a career in the biological sciences. Topics depend on the associated degree program. Prerequisite: Must be taken in the final year of a degree and students must have completed most of the course work required for one of the degrees in the biological sciences. LEC.

BIOL 600. Introductory Biochemistry, Lectures. 4 Hours. N. 
Designed to offer the essentials of the chemistry of the constituents of living organisms and the changes these constituents undergo (during life processes) in the human body and other living forms. Prerequisite: BIOL 150 or BIOL 151 and one semester of organic chemistry. LEC.

BIOL 601. Principles of Biochemistry Laboratory. 2 Hours. 
Theory and methods in the development of protein separation and purification, enzyme structure/function, and enzyme kinetics derived from primary literature searches and readings. Prerequisite or Co-requisite: BIOL 600; or consent of instructor. LAB.

BIOL 602. Plant Ecology. 3 Hours. N. 
Introduction to basic concepts, focused at community and species level. Architectural ecomorphology of plants and their physiological responses to physical factors: solar radiation, climate, and soils. Plant succession as an interaction among species differing in ecomorphology and life style. Classification and ordination of plant communities: practice and theory. Other topics include: species diversity and lognormal distribution as to abundance classes; species/area relations and theory of island biogeography; allelochemic defenses; genecology; paleoecology. Prerequisite: BIOL 414 or consent of instructor. Concurrent enrollment in parallel laboratory, BIOL 607, recommended. LEC.

BIOL 603. Systematic Botany. 3 Hours. N. 
A lecture/laboratory course providing hands-on experience with plant identification, a history of plant classification, the principles of nomenclature and character analysis, the basics of systematics theory, and a phylogenically-oriented introduction to vascular plant diversity. Prerequisite: BIOL 413 or equivalent. LEC.

BIOL 606. Ecological Plant Physiology. 3 Hours. N. 
Physiological responses of higher plants to environmental factors are discussed. Major topics are: water relations, heat transfer, resistance to water and temperature stress, dormancy, photoperiodism, photosynthesis and respiration under natural conditions, and effects of environmental pollution. Prerequisite: BIOL 408 or consent of instructor. LEC.

BIOL 607. Field and Laboratory Exercises in Plant Ecology. 2 Hours. U. 
Introduction to quantitative analysis of plant communities and correlated environmental parameters; field and/or laboratory measurements of ecophysiological traits and comparative ecomorphology of principal species. Prerequisite: BIOL 414. Concurrent enrollment in parallel lecture, BIOL 602, recommended, but not required. LAB.

BIOL 609. Current Progress in Microbiology. 1 Hour. U. 
A seminar course which will focus on current research in microbiology. A term paper will be required of each student. May be repeated for credit. Required of all majors in the senior year. Prerequisite: Two courses in microbiology. LEC.

BIOL 611. Molecular Systematics and Evolution. 4 Hours. N. 
An introduction to the use of molecular data in systematics and population biology. Topics include: evolution of genes and proteins; properties of mitochondrial DNA, chloroplast DNA, ribosomal RNA genes, protein-coding genes, and repetitive DNAs; laboratory methods for data collection; and data analysis. Prerequisite: BIOL 350. BIOL 550 or equivalent is recommended. LEC.

BIOL 612. Fundamentals of Microbiology. 3 Hours. NB / N. 
Lectures. Fundamental principles of microbiology with emphasis in physical and chemical properties of the bacterial cell; microbial metabolism, cultivation, growth and death of bacteria; microbial genetics; pathogenesis and immunity, industrially important microorganisms. Meets with BIOL 400, but students will be given additional and more advanced assignments, and will carry higher expectations. Prerequisite: BIOL 150 or BIOL 151 and two semesters of college chemistry, or consent of instructor. LEC.

BIOL 613. Biology of Honeybees. 3 Hours. N. 
Social organization, evolution, behavior, morphology, communication, pollination biology, and ecology of honeybees. Experience will be gained with colony dynamics and behavior while working with bees in the field. Prerequisite: BIOL 152, BIOL 153, or consent of instructor. LEC.

BIOL 616. Medical Entomology. 3 Hours. N. 
A study of the major human diseases transmitted by arthropods with emphasis on the biology and ecology of vectors, vector feeding mechanisms as related to disease transmission, epidemiology of arthropod-borne diseases, and the impact of arthropod-borne diseases on humans. Laboratory work on recognition of vector species, information sources, and use of taxonomic keys. Prerequisite: BIOL 152 or BIOL 153 and a course in microbiology or consent of instructor. LEC.

BIOL 622. Paleontology. 3 Hours. N. 
A study of the structure and evolution of ancient life; the nature and diversity of life through time; the interactions of ancient organisms with their environments and the information that the study of fossils provides about ancient environments; the use of fossils to determine the ages of rocks and the timing of past events in earth history; and the patterns of extinction through time. (Same as GEO 521.) Prerequisite: BIOL 100, BIOL 101, BIOL 152, BIOL 153, GEO 105, or GEO 304. LEC.

BIOL 623. Paleontology Laboratory. 1 Hour. U. 
Laboratory course in the study of fossils with emphasis on the practice of paleontology and the morphology of ancient organisms. (Same as GEO 523.) LAB.

BIOL 625. Behavioral Ecology and Sociobiology. 3 Hours. N. 
The role of natural selection in animal behavior, and the influence of behavior on population biology and social dynamics of animal species. Topics include: game theory and optimization as applied to animal behavior; altruism, cooperation and competition; kin recognition and interactions; group formation and dynamics, dominance, aggression, and territoriality; feeding strategies; reproductive behavior including mate choice, parental care, and mating systems. Prerequisite: BIOL 152; either BIOL 350, BIOL 412 or BIOL 414 recommended; or consent of instructor. LEC.

BIOL 630. Conservation and Wildlife Biology. 3 Hours. N. 
Examination of the concepts and processes involved in conservation of plant and animal populations and communities. Topics to be covered include conservation of endangered species, problems with invasions of exotic species and habitat fragmentation, wildlife management, and design of nature reserves. Prerequisite: BIOL 414, BIOL 412 strongly recommended. LEC.
BIOL 636. Biochemistry I. 3 Hours. N.
First semester of a two-semester lecture course in introductory biochemistry. Emphasis upon the physical structure of macromolecules and membranes, enzyme structure/function, and enzyme kinetics. Prerequisite: CHEM 335 or consent of instructor. LEC.

BIOL 637. Introductory Biochemistry Laboratory. 2 Hours. U.
The laboratory portion of BIOL 600 or 636. Experiments have been selected to introduce the student to cell constituents and biochemical reactions. One four-hour laboratory and one-hour lecture each week. Prerequisite: BIOL 600 or BIOL 636, or concurrent enrollment. LAB.

BIOL 638. Biochemistry II. 3 Hours. N.
Second semester of a two-semester lecture course in introductory biochemistry. Emphasis upon the metabolism of carbohydrates, lipids, amino acids, proteins, and nucleic acids. Prerequisite: BIOL 636. LEC.

BIOL 639. Advanced Biochemistry Laboratory. 2 Hours. U.
The laboratory portion of BIOL 638. One four-hour laboratory and a one-hour lecture each week. Experiments have been selected to familiarize students with experimental biochemical techniques using state-of-the-art methodology. Prerequisite: BIOL 637 and 638 (BIOL 638 may be taken concurrently). LAB.

BIOL 640. The Biology and Evolution of Fossil Plants. 3 Hours. N.
A lecture course in which fossil plants, protists and fungi are examined throughout geologic time. Emphasis will be directed at paleoecology, biogeography and the stratigraphic distribution and composition of ancient floras. (Same as GEOL 528.) Prerequisite: BIOL 413 or permission of instructor. LEC.

BIOL 641. Laboratory in Paleobotany. 1 Hour. U.
An examination of selected fossil plants throughout geologic time and the techniques used to study them; laboratory will include identification and the use of plant fossils in biostratigraphy. (Same as GEOL 529.) Prerequisite: BIOL 413 or permission of instructor. Must be taken concurrently with BIOL 640. LAB.

BIOL 644. Comparative Animal Physiology. 3 Hours. N.
Lecture and discussion of the basic mechanism of organic maintenance and integration; a comparative treatment of the uniformities and diversity of animal function; emphasis on environmental adaptations and evolutionary relationships. Prerequisite: BIOL 408, five hours of organic chemistry, and one year of college physics, or consent of instructor. LEC.

BIOL 646. Mammalian Physiology. 4 Hours. N.
Lectures and demonstrations. An intermediate course in the functions, mechanisms and interactions of mammalian organ systems. Discussions span topics from molecular to whole animal functions. Required for pharmacy students and strongly recommended for students planning advanced work in any area of physiology. The student is assumed to have the knowledge and ability to utilize their math and science background. Prerequisite: Five hours of organic chemistry, a course of college physics. LEC.

BIOL 647. Mammalian Physiology Laboratory. 2 Hours. U.
Laboratory experiments in representative areas of mammalian physiology designed to complement BIOL 646. Not open to students with credit in BIOL 247. Prerequisite or Co-requisite: BIOL 646. LAB.

BIOL 648. Systematics and Macroevolution. 3 Hours. N.
An introduction to the theory of macroevolution and the fundamental principles of systematics. Intended for students planning to pursue advanced studies in organismal biology, evolution, and/or systematics. Topics in macroevolution will include hierarchy theory, species concepts, speciation and species selection. Methods of phylogenetic estimation will be discussed and include parsimony, Maximum likelihood and Bayesian inference. Evolutionary studies utilizing phylogenies including tests of homology, studies of character evolution, and biogeography will be discussed. An overview of classification and nomenclature will also be provided. Prerequisite: BIOL 412 or equivalent. LEC.

BIOL 650. Advanced Neurobiology. 3 Hours. N.
The course builds an in depth knowledge about basic mechanisms of synaptic communication among nervous cells and their targets, and the structure and function of nervous systems. Topics include nervous system development and synapse formation, structure and function of neurons, physiological and molecular basis of synaptic communication between neurons, mechanisms of synaptic plasticity involved in learning and memory, sensory systems (vision, auditory, vestibular, motor reflexes and pain), processing of neural information at cellular and system levels, synapse regeneration and diseases of the nervous system. Prerequisite: BIOL 435 (Introduction to Neurobiology), or consent of instructor. LEC.

BIOL 652. Comparative Animal Behavior. 3 Hours. N.
A comparative analysis of behavior as an adaptive mechanism; emphasis on ontogenetic and evolutionary aspects of behavior. Prerequisite: BIOL 152 or BIOL 153, and PSYC 104, or consent of instructor. LEC.

BIOL 654. Comparative Animal Behavior, Laboratory. 1 Hour. U.
Laboratory and field phase of BIOL 652. Students may elect sections according to their special interests. Prerequisite: Prior or concurrent enrollment in BIOL 652. LAB.

BIOL 655. Behavioral Genetics. 3 Hours. N.
A survey of behavioral genetics in animals and humans. Emphasis is on how the methods and theories of quantitative, population and molecular genetics can be applied to individual and group differences in animals. Behaviors covered may include circadian rhythms, foraging, courtship, learning and memory, anxiety, social structures and human behaviors. Prerequisite: BIOL 350 or consent of instructor. LEC.

BIOL 656. Ecosystem Ecology. 3 Hours. N.
An introduction to the patterns and processes that affect terrestrial ecosystems. Emphasis is placed on understanding nutrient cycles (e.g., carbon nitrogen phosphorous), hydrologic cycles, and patterns of net primary productivity. The role of both natural and anthropogenic disturbances in structuring terrestrial ecosystems is examined in the context of global land-use patterns. Discussion of current research literature will be expected. (Same as EVRN 656.) Prerequisite: BIOL 414 and CHEM 130. LEC.

BIOL 661. Ecology of Rivers and Lakes. 3 Hours. N.
Study of the ecology and structure of creeks, rivers, ponds, lakes, and wetlands as well as some of the major human impacts. Prerequisite: One year of biology or permission of the instructor. BIOL 414 recommended. LEC.

BIOL 662. Aquatic Ecology Laboratory. 2 Hours. U.
A field and laboratory course introducing biological, physical, and chemical characteristics of lentic (ponds and lakes) and lotic (creeks and rivers) habitats. Students learn sampling and monitoring techniques and how to classify aquatic biota at higher taxonomic levels. Co- or prerequisite: CHEM 130 or CHEM 190 or CHEM 170, and BIOL 661. LAB.

BIOL 664. Vertebrate Biology. 3 Hours. N.
A laboratory course emphasizing principles of systematics and identification and the behavioral ecology of local vertebrate animals. Prerequisite: BIOL 152, BIOL 153 or consent of instructor. LAB.

BIOL 667. Chemical Communication in Sex, Feeding, and Fighting. 3 Hours. N.
The course focuses on the role of chemical information molecules in the interrelationships among organisms, with particular attention
to interactions (a) within and between animal species, (b) within and between plant species, (c) between animals and plants, (d) between predators and prey, and (e) between parasites and hosts. Prerequisite: BIOL 100 or BIOL 101 or BIOL 152 or BIOL 153 or consent of instructor. LEC.

BIOL 668. Evolutionary Ecology. 3 Hours. N.
Emphasis will be on the themes that interface ecology and evolutionary studies. Topics will include selection theory; reproductive, foraging, and sex allocation problems; coevolution; patterns or morphological and behavioral adaptations; competition, predation, and population regulation. Special attention will be given to the philosophy and practice of resolving unanswered questions in evolutionary ecology. Prerequisite: BIOL 412 or permission of instructor. LEC.

BIOL 669. Biology of Freshwater Invertebrates. 3 Hours. N.
A lecture, field, and laboratory course examining the classification, biological characteristics, and ecology of invertebrates in lotic and lentic habitats. Major groups of benthic and planktonic invertebrates will be studied, including aquatic insects, crustaceans, molluscs, and others. Prerequisite: BIOL 540, BIOL 660, BIOL 661, or BIOL 663, or permission of instructor. LEC.

BIOL 672. Gene Expression. 3 Hours. N.
A study of the structure and expression of genes in prokaryotes and eukaryotes. Emphasis on the mechanisms of DNA, RNA, and protein biosynthesis. Prerequisite: A course in biochemistry or consent of instructor. LEC.

BIOL 673. Cellular and Molecular Neurobiology. 3 Hours.
Mechanisms of neural function and development will be considered at the cellular and molecular levels. Synaptic mechanisms of learning and memory, modulation of transmitter release, and the molecular basis of neurodegenerative disorders will also be discussed. Prerequisite: BIOL 435, BIOL 646, or permission of instructor. LEC.

BIOL 676. Mammalian Neuroanatomy. 3 Hours. N.
Lectures, video tape demonstrations, and laboratory dissection of mammalian nervous system with some attention to human material. Major emphasis on nervous system structure as it relates to function. For neurobiology and pre-health science majors. Prerequisite or Corequisite: A course in neurobiology (BIOL 435, BIOL 650), or permission of the instructor. LAB.

BIOL 688. The Molecular Biology of Cancer. 3 Hours. N.
The basic concepts of molecular biology are examined and used to probe the process by which a normal cell becomes a cancer cell. The course investigates DNA damage and repair, chemical carcinogenesis, gene cloning and manipulation, the control of gene expression in eukaryotes, tumor viruses, the roles of oncogenes and tumor suppressor genes in carcinogenesis, and cancer therapy. Prerequisite: BIOL 350 and BIOL 416; or BIOL 536; or consent of instructor. LEC.

BIOL 694. The Art of Becoming a Professional Scientist. 3 Hours. N.
Discusses aspects of graduate education that are directed at students entering graduate school and that focus on how to be successful in the post PhD phases of a career, but that must be initiated early in the graduate student program of study. One three hour discussion per week. Senior standing and planning on entering graduate school. LEC.

BIOL 695. Animal Communication and Sensory Ecology. 3 Hours. N.
Lectures and discussion sessions. A study of the propagation and perception of olfactory, acoustic, and visual signals produced by animals in the context of communication. Both physiological and evolutionary perspectives will be treated. Prerequisite: A course in behavior or consent of instructor. LEC.

BIOL 699. Biology Honors Research Colloquium. 1 Hour. AE61 / U.
Students pursuing Honors in Biology will meet weekly to discuss, both formally and informally, their honors research. Background information and experimental approaches of the research will be examined and critiqued. Prerequisite: Enrollment in Biology Honors program and consent of instructor. LEC.

BIOL 700. Conservation Principles and Practices. 3 Hours.
This course will acquaint the future museum professional with problems in conserving all types of collections. Philosophical and ethical approaches will be discussed, as well as the changing practices regarding conservation techniques. Emphasis will be placed on detection and identification of causes of deterioration in objects made of organic and inorganic materials, and how these problems can be remedied. Storage and care of objects will also be considered. (Same as AMS 714, GEOL 780, HIST 722 and MUSE 706.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

BIOL 701. Topics in: _____. 1-3 Hours.
Advanced courses on special topics in biology, given as need arises. Lectures, discussions, readings, laboratory, or field work. Students may select sections according to their special interests. LEC.

BIOL 702. Laboratory Practice: Radiation Safety Procedures. 0.75 Hour.
An introduction to the basic properties of radioisotopes, and the fundamental safety practices needed for the safe use of low levels of radioactive materials. Risks associated with radiation exposures and applicable state and federal regulations are discussed. (Normally the content of the first ten hours of BIOL 703.) Prerequisite: Senior standing in one of the sciences. LAB.

BIOL 703. Radioisotopes and Radiation Safety in Research. 1.25 Hour.
An introduction to the properties of radioactive materials, radiations, and their interaction with matter, methods of radiation detection and measurement, protective measures, applicable state and federal regulations, design and implementation of safety management systems in the research laboratory, design of tracer experiments, and the risks associated with radiation exposure. Prerequisite: BIOL 702 or concurrent enrollment in BIOL 702, algebra and two semesters of either physics or chemistry. LEC.

BIOL 704. Research Animal Methods. 3 Hours.
Lectures, discussions, and laboratory sessions. Selection of proper animal models for specific research studies. Various external influences that alter research data. Routine techniques including restraint, sample collection, injection, anesthesia and euthanasia. Prevention and handling of common research animal problems or diseases. Proper and humane animal care as defined by the Federal Animal Welfare Act. Prerequisite: Senior or graduate standing in one of the biological sciences or permission of instructor. LEC.

BIOL 706. Current Trends in Curation and Collection Management. 2 Hours.
Seminar course to provide students with a working knowledge of the primary issues and current trends in building, administration, and care of scientific collections. Topics include permits, collecting, accessioning, cataloging, preservation, preventive conservation, and access to collections and data. The course format consists of readings, lectures, guest speakers, discussions, and visits to scientific collections on campus. (Same as MUSE 710.) LEC.

BIOL 708. External Morphology of Insects. 4 Hours.
A study of external structure common to all insect orders, with detailed comparative laboratory studies of representative species. The course is
offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 500, BIOL 502 or equivalent, or permission of instructor. LEC.

BIOL 709. Immature Insects. 3 Hours.
The classification, structure, and ecological distribution of immature insects, especially larvae of Holometabola. Includes both lectures and laboratories. The course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 502 or consent of instructor. LEC.

BIOL 710. Insect Development. 3 Hours.
A study of the embryonic and postembryonic development of insects. Emphasis is placed on developmental physiology of the early embryonic stages, the morphogenesis of organ systems, and the action of hormones in postembryonic development. Laboratory includes demonstrations and histological and experimental work. Prerequisite: Consent of instructor or BIOL 500. LEC.

BIOL 711. Insect Systematics. 4 Hours. N.
A study of the diversity of insects, including the classification of all living and fossil orders and the more common families primarily on the basis of external morphology. The biology, ecology, phylogeny, and geological history of each order will be covered. Includes both lectures and laboratory exercises. The course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 500 and BIOL 502 or equivalent, or permission of instructor. LEC.

BIOL 712. Evolutionary Biology - Graduate. 3 Hours.
A thorough survey of evolutionary biology. Topics include: the history of evolutionary thought, genetics and the nature of variation, adaptation, speciation, coevolution, macroevolution, the comparative method, and the history of life. Prerequisite: BIOL 350 or equivalent consent of instructor. LEC.

BIOL 714. Community and Ecosystem Ecology. 3 Hours.
Study of factors determining distribution of organisms, community structures, energy flow in ecosystems, and functional analysis of ecosystems. Discussion periods will include reading from current scientific literature. Prerequisite: Intended for graduate students in biology who did not have an undergraduate course in community ecology. Consent of instructor. LEC.

BIOL 716. Insect Physiology and Internal Morphology. 3 Hours.
Mechanisms and integration of the internal life-supporting systems of insects, emphasizing the interdependence of structure and function. The course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 408 and BIOL 500, or permission of instructor. LEC.

BIOL 717. Insect Ecology and Behavior. 3 Hours.
Lectures and laboratory demonstrations. A study of insect population dynamics, life history strategies, co-evolutionary interactions, foraging, and reproductive and social behaviors. Approaches from basic population biology and behavioral ecology are emphasized. Prerequisite: A course in ecology or behavior, or consent of instructor. LEC.

BIOL 718. Laboratory in Molecular Biology. 3 Hours.
Practical experience in recombinant DNA technology and molecular cloning. Given concurrent with BIOL 418. Prerequisite: BIOL 416 or course in biochemistry or microbiology. Training in radiation safety preferred. LAB.

BIOL 719. Light and Electron Microscopy. 3 Hours.
A lecture and laboratory class emphasizing the theoretical and practical use of light microscopes and scanning and transmission electron microscopes. A variety of approaches using light microscopy will be employed, including brightfield, phase, fluorescence, DIC, polarization, and darkfield optics. A variety of techniques will be used to prepare specimens and view them using scanning and transmission electron microscopy. Video and computer-aided analysis of images as well as conventional photographic techniques will be included. Prerequisite: Permission of instructor. LEC.

BIOL 720. Scientific Illustration. 3 Hours.
Lectures, demonstrations, and studio participation. Instruction in the preparation of illustrations for scientific publications, theses, and oral and poster presentations. Emphasis on basic drafting and layout skills, and pen and ink and tone renderings intended for publication. Attention given to preparation of photographs for publication and oral presentations. Instruction provided in use of specialized optical equipment for drawing. Prerequisite: Upper division or graduate standing and permission of instructor. LEC.

BIOL 721. Microbial Genetics. 3 Hours.
Bacteria and viruses as models of genetic systems. Mutagenesis and repair. Transformation, transductions, and recombination. Molecular biology of gene expression. This course is the graduate-level section of BIOL 518 and MCRB 510. Graduate students will be assigned additional and more advanced studies. Prerequisite: An introductory microbiology course or permission of instructor. LEC.

BIOL 725. Aquatic Entomology. 4 Hours.
Identification of aquatic insects and detailed study of their community structure and dynamics. The external morphology of all aquatic orders will be covered, followed by consideration of specific physiological and behavioral adaptations that facilitate an aquatic existence. Includes both lectures and laboratory exercises. Requirements include making a collection of aquatic insects. The course is offered at the 500 and 700 levels, with additional assignments at the 700 level. Prerequisite: BIOL 414 or BIOL 500 or permission of instructor. LEC.

BIOL 742. Plant Population Biology. 3 Hours.
A survey of the major areas of plant population ecology and genetics including competition, demography, pollination ecology, gene flow, natural selection and mating systems. Each topic is introduced by a lecture and is further explored by discussion of the current literature. Prerequisite: BIOL 412 or equivalent. LEC.

BIOL 743. Population Genetics. 3 Hours.
Description and discussion of genetic variation in natural populations. The effects and interaction of selection, migration, mutation, mating systems, and finite population size on the maintenance of genetic variation. Discussion of the interface with evolution and population ecology. Prerequisite: BIOL 404 and BIOL 412 or equivalent. LEC.

BIOL 744. Fundamental Genetics. 3 Hours.
Introductory course in genetics. Topics include Mendelian genetics, linkage, sex-linked genes, and human genetics. Prerequisite: BIOL 350 or equivalent consent of instructor. LEC.

BIOL 745. Laboratory in Experimental Ecology. 3 Hours.
A series of seven laboratory modules emphasizing quantitative methods and experimental analysis. Each module requires data collection analysis, and written interpretation. Modern instrumentation, including use of microcomputers, is emphasized. Topics include ecological modeling, ecological genetics, physiological ecology, community structure, mating and reproduction and precipitation and soil chemistry. Prerequisite: BIOL 412 or BIOL 414. LAB.

BIOL 746. Principles of Systematics. 4 Hours.
Lectures: historical and philosophical foundations of modern systematics; theory and practice of classifications; character analysis; phylogeny reconstruction; formulation and testing of systematic hypotheses; species concepts and speciation; the interface between systematics and evolutionary theory, particularly the origins of asymmetric diversity patterns, macroevolution, adaptation, coevolution, and the evolution of higher taxa; roles of paleontological, ontogenetic, biochemical, and
molecular data in systematics; and biogeography. Laboratory work: practical applications of nomenclature, development of keys, descriptions and systematic revisions, character analysis, phylogeny reconstruction, hypothesis testing, interpretation of biogeographic patterns. (Three hours lecture and two hours laboratory per week.) Prerequisite: BIOL 628 or equivalent. Intended for graduate students planning to specialize in systematics. LEC.

BIOL 747. Quantitative Genetics. 3 Hours.
A discussion of genetic traits for which individual gene differences do not separate a population into qualitatively distinct groups. Includes the estimation of heritability, genetic determination, and number of loci, and a study of selection theory. Prerequisite: BIOL 404 or BIOL 412 or equivalent and a course in statistics. LEC.

BIOL 749. Topics in Stable Isotopes in the Natural Sciences. 2-3 Hours.
Isotopic compositions of substances provide powerful insights into many topics in the natural sciences. Applications of isotopic analyses of carbon, hydrogen, oxygen, and nitrogen to selected research topics such as plant resource use, food web analysis, paleoecology, paleodiet reconstruction, hydrology, and soils genesis will be examined. Knowledge of isotope chemistry is not required. (Concepts necessary to understand pertinent articles will be taught during the first class meetings.) May be repeated. (Same as GEOG 749.) LEC.

BIOL 750. Advanced Biochemistry. 3 Hours.
The structures and dynamics of proteins and nucleic acids will be developed in terms of well-understood examples which will also be used to discuss the function of major classes of proteins. The application of structural and dynamical principles to biological membranes and their function will also be discussed. Prerequisite: BIOL 807 and BIOL 808, a general biochemistry course, or permission of instructor. LEC.

BIOL 751. Plant Communities of North America. 3 Hours.
Physiognomic and floristic analysis of the vegetation, with emphasis on the Southwest; distribution of communities in relation to climate, substratum, and disturbance; recognition of dominant elements of vegetation through study of specimens and illustrative material. Prerequisite: BIOL 602. LEC.

BIOL 752. Cell Biology. 3 Hours.
A lecture course emphasizing biochemical, developmental, and molecular aspects of cell structure and function. Prerequisite: BIOL 807 and BIOL 808, or BIOL 416 or BIOL 536, or permission of instructor. LEC.

BIOL 753. Advanced Genetics. 3 Hours.
An advanced course in modern genetic analysis of eukaryotes. Course material will consist mainly of primary literature in the field of genetics. Topics covered include: genomic structure and genome projects; nature of mutations; mutant analysis; genetic recombination and mapping; analysis of gene function; genetic buffering; RNAi and epigenetics; and the genetics of model organisms. This course is meant for graduate students in the Molecular Biosciences and Genetics programs. Prerequisite: BIOL 807 and BIOL 808, or a course in genetics and a course in biochemistry, or permission of the instructor. LEC.

BIOL 754. Brain Diseases and Neurological Disorders. 3 Hours.
Major brain diseases and neurological disorders such as stroke, Alzheimer's Disease, Parkinson's Disease, Huntington's Disease, Multiple Sclerosis, Epilepsy, Schizophrenia, etc., will be discussed in terms of the etiology, molecular, and cellular basis of potential therapeutic interventions. Graduate students are required to present original research paper assigned by the instructor to the class in addition to the other assignments for all the students enrolled. Prerequisite: BIOL 150, or consent of instructor. LEC.

BIOL 755. Mechanisms of Development. 3 Hours.
Molecular aspects of differential gene function, signal transduction, and cell polarity in the regulation of morphogenesis. Prerequisite: BIOL 807 and BIOL 808 for graduate students; BIOL 417 or equivalent for undergraduate students; or permission of instructor. LEC.

BIOL 756. Cell and Tissue Culture Laboratory. 3 Hours.
An introduction to current laboratory methods of cell and tissue culture, intended to provide an understanding of and substantial experience in several aspects of animal cell growth, cell synchrony, cell nutrition, the production and selection of mutant cell lines, the production and use of heterokaryons and interspecific hybrids, cell transformation in vitro, the cultivation and characterization of differentiated cells in culture, enzyme induction, and cell karyotyping. LAB.

BIOL 757. Carcinogenesis and Cancer Biology. 3 Hours.
This course surveys the field of cancer research. The major goal is to introduce the breadth of cancer research while, at the same time, providing sufficient depth to allow the student to recognize problems in cancer and to design experiments which study cancer biology. Toward that end, the student should (at the conclusion of the course) be able to: define cancer, identify and discuss its causes; identify and discuss the genetic basis for cancer development and progression; discuss the theoretical basis for cancer therapy design and efficacy testing; discuss the biochemical, molecular and cellular events involved in the natural history of major human neoplasms. Prerequisite: Permission of instructor. LEC.

BIOL 758. The Vegetation of the Earth. 3 Hours.
A discussion of the world's vegetation in its natural condition and as affected by man. Included are aspects of its economic and cultural usefulness and the problem of its preservation. Prerequisite: BIOL 634. LEC.

BIOL 766. Plant Molecular Biology. 3 Hours.
Gene expression in chloroplasts, mitochondria, and plant nuclei, and regulatory interactions among these genomes. Special topics include the molecular biology of the photosynthetic apparatus, nitrogen fixation, stress and development, viruses and viroids, transposable genetic elements and gene evolution, and gene transfer and plant genetic engineering. Prerequisite: A course in biochemistry, cell or molecular biology, or permission of instructor. LEC.

BIOL 767. Chemistry of the Nervous System. 3 Hours.
Molecular aspects of differential gene function, signal transduction, and cell polarity in the regulation of morphogenesis. Prerequisite: BIOL 807 and BIOL 808 for graduate students; BIOL 417 or equivalent for undergraduate students; or permission of instructor. LEC.

BIOL 770. Plant Biochemistry. 3 Hours.
A detailed study of plant biochemistry with emphasis on metabolic and regulatory processes particularly characteristic or unique in plants. Prerequisite: BIOL 600 or equivalent. LEC.

BIOL 772. Gene Expression. 3 Hours.
A study of the structure and expression of genes in prokaryotes and eukaryotes. Emphasis on the mechanisms of DNA, RNA, and protein biosynthesis. This course meets concurrently with BIOL 672 and is open to graduate students seeking a more rigorous treatment of techniques in molecular biology that students receive in BIOL 672. Prerequisite: A course in biochemistry or consent of instructor. LEC.

BIOL 775. Chemistry of the Nervous System. 3 Hours.
A detailed study of the molecular aspects of nerve transmission will be covered with special emphasis on the uptake, storage, release, biosynthesis and metabolism of specific neurotransmitters. Drugs affecting these processes and current research on receptor isolation and receptor mechanisms will be discussed from a chemical viewpoint. (Same as CHEM 775, MDCM 775, NURO 775, PTX 775, and PHCH 775.) Prerequisite: BIOL 600 or equivalent or consent of instructor. LEC.
BIOL 777. Integrative and Developmental Neurobiology. 3 Hours.
Cellular processing of neural information both at the local level and in long distance integration. Local computing functions, and integration of these functions among the various areas to produce coherent movement and perceptions will be discussed. A description of forces guiding the development of the nervous system to form a coherent working system in both invertebrate and vertebrate animals will be presented, as will determinants of brain sexual dimorphism. Prerequisite: An upper level course in physiology or BIOL 520. LEC.

BIOL 780. Fisheries. 2 Hours.
Philosophy and practice of conservation as it applies to major world fisheries. Species principally utilized, factors affecting production, methods for appraisal and management of stocks. Historical and prospective roles of the fisheries in relation to human food supplies and recreational needs. Prerequisite: BIOL 412. LEC.

BIOL 781. Fisheries, Laboratory. 2 Hours.
Training in field and laboratory techniques for fishery research and management. Prerequisite: Concurrent or prior enrollment in BIOL 780. LAB.

BIOL 782. Principles of Biogeography. 3 Hours.
A synthesis of historical and ecological biogeography of plants and animals, treating vicariance, dispersal, and community patterns; lectures, readings, discussions. A course in systematics and a course in ecology are recommended. LEC.

BIOL 783. Herpetology. 3 Hours. N.
A study of amphibians and reptiles. This lecture course will explore the taxonomic diversity of amphibians and reptiles, and current areas of active research in herpetology. Topics will be considered within a phylogenetic framework, and include discussion on systematics, biogeography, tetrapod origins, skeletal systems, growth, circulatory system, locomotion, thermal and water regulation, hibernation, ecology, sexual behavior, parental care, and mimicry. Students taking the course at the 700 level will have additional work required of them. Prerequisite: BIOL 152 Principles of Organismal Biology, and/or BIOL 413 History and Diversity of Organisms. LEC.

BIOL 784. Introduction to Museum Public Education. 3 Hours.
Consideration of the goals of an institution's public education services, developing programs, identifying potential audiences, developing audiences, and funding. Workshops and demonstrations are designed for students to gain practical experience working with various programs and developing model programs. (Same as AMS 797, GEOL 784, HIST 721, and MUSE 705.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

BIOL 785. Museum Management. 3 Hours.
Lecture, discussion, and laboratory exercises on the nature of museums as organizations; accounting, budget cycles, personnel management, and related topics will be presented using, as appropriate, case studies and a simulated museum organization model. (Same as AMS 731, GEOL 783, HIST 728, and MUSE 701.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

BIOL 786. Fundamentals of Tropical Biology. 1-8 Hours.
The tropical environment and biota; ecologic relations, communities and evolution in the tropics. Primarily a field course, taught in Costa Rica; two sessions per year, February-March, July-August. FLD.

BIOL 787. Introduction to Museum Exhibits. 3 Hours.
This course will consider the role of exhibits as an integrated part of museum collection management, research, and public service. Lecture and discussion will focus on issues involved in planning and producing museum exhibits. Laboratory exercises will provide first hand experience with basic preparation techniques. Emphasis will be placed on the management of an exhibit program in both large and small museums in the major disciplines. (Same as AMS 700, GEOL 781, HIST 723, and MUSE 703.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

BIOL 788. The Nature of Museums. 3 Hours.
The purpose of this course is to provide an overview of the kinds of museums, their various missions, and their characteristics and potentials as research, education, and public service institutions responsible for collections of natural and cultural objects. (Same as AMS 720, GEOL 782, HIST 720, and MUSE 702.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

BIOL 789. Field Course in Entomology. 1-6 Hours.
Field experiences in various habitats, with an emphasis in ecology, systematics, behavior, and collection techniques. FLD.

BIOL 790. Paleontology of Lower Vertebrates. 3 Hours.
General account of the osteology, geological distribution, and evolution of the principal groups of fishes, amphibians, reptiles, and birds. Lectures and laboratory. (Same as GEOL 725.) LEC.

BIOL 791. Paleontology of Higher Vertebrates. 3 Hours.
Evolution of mammals, and anatomical modifications involved in the process as ascertained from the fossil record. Lectures and laboratory. (Same as GEOL 726.) LEC.

BIOL 792. Ichthyology. 4 Hours.
A study of fishes. Lecture topics include the structure and function of fishes; the adaptations of fishes to the aquatic environment; and a survey of major fish groups with emphasis on evolutionary relationships and biogeography. Laboratory topics include a survey of fishes using specimens, and the use of keys to identify fishes with emphasis on the Kansas fish fauna. A research paper using primary scientific literature is required. Prerequisite: Graduate standing or permission of the instructor. LEC.

BIOL 794. Mammalogy. 3 Hours.
A study of mammals, with emphasis on systematics, biogeography, and natural history. Lectures, laboratory, and field study. Prerequisite: BIOL 100 or BIOL 413. LEC.

BIOL 795. Biology of Amphibians. 3 Hours.
Evolutionary biology of amphibians with emphasis on systematics, morphology, development, reproductive strategies, and distribution; lectures and laboratory. Prerequisite: BIOL 664 or permission of instructor. LEC.

BIOL 796. Biology of Reptiles. 3 Hours.
Evolutionary biology of reptiles with emphasis on systematics, morphology, reproductive strategies, and distribution; lectures and laboratory. Prerequisite: BIOL 664 or permission of instructor. LEC.

BIOL 797. Field Course in Vertebrate Paleontology. 3-6 Hours.
Training in the techniques of collecting vertebrate fossils, description and interpretation of the stratigraphy of fossiliferous sediments, and interpretation of the adequacy and bias of samples. FLD.

BIOL 798. Principles and Practices of Museum Collection Management. 3 Hours.
Lecture, discussion, and laboratory exercises on the nature of museum collections, their associated data, and their use in scholarly research; cataloging, storage, fumigation, automated information management and related topics will be presented for museums of art, history, natural history and anthropology. (Same as AMS 730, GEOL 785, HIST 725, and MUSE 704.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.
BIOL 799. Natural History Museum Apprenticeship. 1-6 Hours.
Provides directed, practical experience in collection care and management, public education, exhibits and administration with emphases to suit the particular requirements of each student. Full time for one semester or half time for two semesters. (Same as AMS 799, ANTH 799, GEOL 723, HIST 799, and MUSE 799.) FLD.

BIOL 801. Topics in: ____. 1-3 Hours.
Advanced courses on special topics in biology, given as need arises. Lectures, discussing readings, laboratory or field work. Students may select sections according to their special interests. LEC.

BIOL 802. The Art of Becoming a Professional Scientist. 3 Hours.
Discusses aspects of graduate education that are directed at the post PhD phases of a career, but that must be initiated early in the graduate student program of study. One 3-hour discussion per week. LEC.

BIOL 804. Scientific Integrity: Molecular Biosciences. 1 Hour.
This course introduces aspects and issues associated with being an ethical, responsible, and professional researcher. Included topics are professional practices, regulations, and rules that define the responsible and ethical conduct of research. Graduate students will become familiar with and prepare to navigate through challenges that occur during a career in research science. The format of individual classes is expected to incorporate both instruction and discussion. Prerequisite: Admission to the graduate program in Molecular Biosciences, or consent of instructor. LEC.

BIOL 806. Major Patterns in Insect Evolution. 3 Hours.
Extensive reading and discussion of the primary literature on topics relating to major patterns in the evolutionary history of insects, including the fossil history of insects, the monophyly of arthropods, the origin of wings, the changing role of insects in ecological communities, the origins of social behavior, modes and mechanisms of speciation, and patterns of species diversity. Assigned readings require a solid background in evolutionary theory and insect biology, especially morphology, development, and classification. Prerequisite: Admission to the graduate program in Molecular Biosciences, or consent of instructor. LEC.

BIOL 807. Graduate Molecular Biosciences. 6 Hours.
An introduction to the advanced study of biochemistry, microbiology, genetics, cell and developmental biology, and neurobiology for all Molecular Biosciences graduate students. Topics can include macromolecular structure, metabolism, kinetics and thermodynamics, bioinformatics, prokaryotic and eukaryotic genetic mechanisms, cell structure and function, signal transduction, basic and pathogenic bacteriology, immunology, virology, membrane potentials, synaptic transmission, and sensory neurophysiology. Prerequisite: Admission to the graduate program in Molecular Biosciences, or consent of instructor. LEC.

BIOL 808. Graduate Molecular Biosciences for Medicinal Chemists. 4 Hours.
An introduction to the advanced study of biochemistry, microbiology, and neurobiology for graduate students in Medicinal Chemistry. Prerequisite: Admission to the graduate program in Medicinal Chemistry and consent of instructor. LEC.

BIOL 810. Seminar in Biochemistry. 1 Hour.
Presentation and discussion of specific areas of recent research in biochemistry. This course may be taken more than once. LEC.

BIOL 811. Advanced Molecular and Cellular Immunology. 2 Hours.
Covers recent advances in immunochemistry and immunobiology. Topics include structure and function of antibodies, hybridoma systems, idiotypes, induction and regulation of the immune response through cell interactions and cytokine action, and the role of immune activity in disease states such as hypersensitivity, autoreactivity, and cancer. Prerequisite: BIOL 807 and BIOL 808, or an introductory course in immunology, or consent of instructor. LEC.

BIOL 812. Mechanisms of Host-Parasite Relationships. 2 Hours.
Emphasis is on virulence factors of microorganisms and the host response to infection. Topics will include pathogenesis of intracellular and extracellular parasites, bacterial adhesins, and toxins, and the role of innate and acquired immunity in host resistance and the response to infection. Prerequisite: BIOL 807 and BIOL 808, or a course in biochemistry, or consent of instructor. LEC.

BIOL 813. Advanced Bacterial Physiology. 2 Hours.
The intermediary reactions catalyzed by the bacterial cell during energy requiring processes. Thermodynamic considerations of these processes are discussed. Knowledge of calculus is recommended. Prerequisite: BIOL 807 and BIOL 808, or a course in microbiology and a course in biochemistry, or consent of instructor. LEC.

BIOL 814. Advanced Molecular Virology. 2 Hours.
The course concentrates on evaluation of current literature concerning all aspects of molecular biology, biochemical characterization, and pathogenic mechanisms involved in host-virus interactions. Students will be expected to present articles and participate in discussions. Prerequisite: BIOL 807 and BIOL 808, or a course in microbial genetics and a course in virology, or consent of instructor. LEC.

BIOL 815. Advanced Molecular Genetics. 2 Hours.
A literature-based course that covers recent advances in microbial molecular genetics. Topics include transcription, translation, mutagenesis and repair, genetic exchange mechanisms, and regulation of gene expression. Prerequisite: BIOL 807 and BIOL 808, or a course in microbial genetics, or consent of instructor. LEC.

BIOL 818. Techniques in Molecular Biosciences. 2 Hours.
This course provides an introduction to common techniques used for research strategies in molecular biosciences. The course will cover common techniques in cell biology, biochemistry, microbiology, and neurobiology. Information will be presented in lectures and through practical demonstrations. This course is primarily intended for first year graduate students in the Department of Molecular Biosciences. Prerequisite: Enrollment in the Molecular Biosciences Graduate Program or consent of instructor. LAB.

BIOL 840. Scientific Communication. 2 Hours. N.
Principles of English communication skills for the professional scientist. The course explores the form, function, and practice (including ethics) of scientific communication, emphasizing elements of writing and speech that are important to clarity and precision. The course covers written and verbal communication of primary research results as well as composing correspondence, a curriculum vitae, reviews, etc. Prerequisite: Graduate standing. LEC.

BIOL 841. Biometry I. 5 Hours.
The application of statistical methods to data from various fields of biological research. Special emphasis is placed on practical computational procedures. Prerequisite: College algebra. LEC.

BIOL 842. Biometry II. 3 Hours.
This course is primarily devoted to special advanced topics in analysis of variance, analysis of covariance and regression analysis. Polynomial regression and multiple linear regression will be presented as will the general linear model. Elementary matrix algebra will be developed as needed. Prerequisite: BIOL 841. LEC.
BIOL 847. Phylogenetics. 3 Hours.
An introduction to the theory and practice of phylogenetic systematics. Includes principles of character analysis including determination of homology and determination of character polarity, testing alternate phylogenetic trees, and reconstructing trees using computer techniques. Also includes principles of constructing phylogenetic classifications and the nature of taxa in the phylogenetic system. Other topics, such as the nature of species and principles of biogeography are included. Prerequisite: Twenty hours natural history. LEC.

BIOL 848. Phylogenetic Methods. 4 Hours.
A survey of methods for inferring phylogenetic trees from character data and using phylogenies to address evolutionary questions. Lectures will present the relevant theory and algorithmic description of methods. Computer lab will familiarize students with software that implements the analyses discussed in lecture. Intended for graduate students specializing in systematics. Prerequisite: BIOL 845 and BIOL 841 or consent of instructor. LEC.

BIOL 872. Gene Expression II. 3 Hours.
Second semester of a two-semester lecture course on gene expression. Emphasis on control of gene expression at the transcriptional and post-transcriptional levels. Prerequisite: BIOL 772 or consent of instructor. LEC.

BIOL 888. Topics in Evolutionary Morphology: ______. 2 Hours.
Presentation and discussion by graduate students and faculty of selected topics centering on observed changes in structure and function of organisms from a phylogenetic point of view. Presentation will include results of original research when possible and appropriate, and otherwise, will be based on syntheses of recent literature. RSH.

BIOL 890. Advanced Study in Microbiology. 1-10 Hours.
Original investigation by students at the master's degree level. Graded on a satisfactory/unsatisfactory basis. Prerequisite: Ten or more hours of microbiology and consent of department. RSH.

BIOL 895. Human Genetics. 3 Hours.
A lecture course providing balanced coverage of Mendelian and molecular genetics of humans; includes discussions and presentations on current issues in human and medical genetics. Prerequisite: A course in genetics. LEC.

BIOL 899. Master's Thesis. 1-10 Hours.
Research which is to be incorporated into an M.A. thesis. Not more than ten hours may be earned. Graded on a satisfactory/unsatisfactory basis. THE.

BIOL 901. Graduate Seminar in Biochemistry and Biophysics. 1 Hour.
Advanced course examining current research topics in biochemistry and biophysics. Extensive student/faculty interaction is emphasized utilizing lectures, class discussion of assigned readings of research reports, and oral presentations. Prerequisite: Enrollment in graduate school, and departmental admission. LEC.

BIOL 902. Graduate Seminar in Molecular, Cellular, and Developmental Biology. 1 Hour.
Advanced course examining current research topics in molecular, cellular, and developmental biology. Extensive student/faculty interaction is emphasized utilizing lectures, class discussion of assigned readings of research reports, and oral presentations. Prerequisite: Enrollment in graduate school, and departmental permission. SEM.

BIOL 903. Graduate Seminar in Neurobiology. 1 Hour.
Advanced course examining current research topics in neurobiology. Extensive student/faculty interaction is emphasized utilizing lectures, class discussion of assigned readings of research reports, and oral presentations. Prerequisite: Enrollment in graduate school, and departmental permission. LEC.

BIOL 904. Graduate Seminar in Microbiology. 1 Hour.
Advanced course examining current research topics in microbiology. Extensive student/faculty interaction is emphasized utilizing lectures, class discussion of assigned readings of research reports, and oral presentations. Graded on a satisfactory/unsatisfactory basis. Prerequisite: Enrollment in graduate school, and departmental permission. RSH.

BIOL 905. Advanced Molecular Genetics. 1-3 Hours.
A review of current literature in molecular genetics. RSH.

BIOL 906. Advanced Genetics. 1-3 Hours.
May be repeated for credit up to six hours. Review of current literature and genetic theory of selected topics such as population, molecular, quantitative, and physiological genetics. RSH.

BIOL 911. Research Topics in Plant Physiology and Biochemistry. 1-6 Hours.
Directed research on selected topics. Prerequisite: BIOL 770 or equivalent. RSH.

BIOL 918. Modern Biochemical and Biophysical Methods. 4 Hours.
This course emphasizes the use of techniques for solving problems of structure and function of biological macromolecules. Students will complete several modules that consist of lectures relating to theory and practical aspects of each methodological approach, and apply these techniques to solving a specific problem. Students will submit a paper describing the resulting data and conclusions. Prerequisite: BIOL 807, BIOL 808, and BIOL 818, or permission of instructor. LEC.

BIOL 925. Research Grant Proposal Preparation. 3 Hours.
This course introduces the basics of preparing a successful scientific grant application. Topics to be covered include how to develop a novel, fundable project, scientific writing and grantmanship, and what criteria reviewers consider in evaluating grants. The course will be a mix of instruction and class discussion. Prerequisite: Admission to the graduate program in Molecular Biosciences, or consent of instructor. LEC.

BIOL 930. Ultrastructure and Cellular Mechanisms. 3 Hours.
Two lectures and one seminar-recitation. A detailed consideration of electron microscopic analyses of cell structure as related to cell function. Prerequisite: BIOL 416. LEC.

BIOL 943. Multivariate Data Analysis. 3 Hours.
Matrix formulation of multivariate models and data. Specific methods covered include Principal Components Analysis, Factor Analysis, Multiple Group Discriminant Analysis and Canonical Analysis, and Canonical Correlation Analysis. Prerequisite: BIOL 842 or knowledge of elementary matrix algebra. LEC.

BIOL 944. Topics in Quantitative Ecology: ______. 1-3 Hours.
Presentation and discussion by instructor and students of mathematical and statistical concepts in ecology. Topics are selected from texts or sets of readings. LEC.

BIOL 950. Evolutionary Mechanisms. 3 Hours.
Reading and discussions of evolutionary mechanisms from the genetic, ecologic, and systematic viewpoints. Prerequisite: BIOL 412. LEC.

BIOL 952. Introduction to Molecular Modeling. 3 Hours.
Introduction to theory and practice of contemporary molecular modeling, including molecular mechanics, molecular dynamics, computer graphics, data analysis, use of structure and sequence databases, docking, and homology modeling. Weekly computer laboratory section aimed at allowing participants to pursue independent research projects that incorporate modeling aspects. Lectures, laboratory manuals, program
descriptions, and technical notes are presented on course web page. (Same as MDCM 952.) Prerequisite: Graduate standing or consent of instructor. LEC.

BTEC 968. Seminar in Vegetation Geography. 2-3 Hours. (Same as GEOG 937.) LEC.

BTEC 985. Advanced Study. 1-10 Hours. Individual investigations; laboratory, field or museum; or reading assignments in specialized topics not ordinarily treated in other courses. Graded on a satisfactory/unsatisfactory basis. RSH.

BTEC 999. Doctoral Dissertation. 1-12 Hours. Original research that is to be incorporated into a Ph.D. dissertation. Graded on a satisfactory/unsatisfactory basis. THE.

BTEC 300. Introduction to Biotechnology. 3 Hours. N. Review of techniques used in food, agricultural, pharmaceutical, industrial, and environmental biotechnology. Role of regulatory agencies during the discovery, development, and manufacture of new medical devices, biotechnology, biomedical, and pharmaceutical products. Guest presentations in biotechnology. Prerequisite: BIOL 416. LEC.

BTEC 330. Biotechnology Regulation and Documentation Processes. 3 Hours. N. Current good manufacturing practices (GMP) as they apply in the biotechnology workplace. History, rationale, purpose, and GMP requirements applicable to the manufacturing, packaging, labeling, testing, and control of pharmaceutical products, and consequences of inaction. Prerequisite: BTEC 300. LEC.

BTEC 340. Biotechnology Research Methods and Applications. 3 Hours. N. Introduction to fermentation and protein chemistry. Theory behind laboratory techniques and overview of industrial scale expression systems. Bacterial cell culture techniques, principles of fermenter operation and purification, documentation procedures, important tasks for clean room operations, including sanitization, sterilization, cleaning procedures, calibration, and environmental monitoring. Prerequisite: BTEC 300; BIOL 600. LEC.

BTEC 341. Principles of Bioprocessing Laboratory I. 1 Hour. N. Laboratory sessions involve use of microbial expression vectors, fermentation systems, and large-scale purification of recombinant protein. Includes bacterial cell culture techniques, principles of bioreactor/fermentation operations and purification techniques, and calibration. Primary goal of this course is to provide students with an advanced background in bacterial upstream and downstream biotechnology. Prerequisite: BTEC 300; BTEC 340 or concurrent enrollment in BTEC 340. LAB.

BTEC 405. Microbial Genetics Laboratory. 4 Hours. N. Research projects center on using molecular genetics to examine the biology of the bacterium Pseudomonas aeruginosa, an opportunistic pathogen often found in the lungs of cystic fibrosis patients. Students engage in independent projects to probe various aspects of P. aeruginosa physiology such as antibiotic resistance, phase variation, toxin production, secondary metabolite production, twitching motility, swimming behaviors, and more. Projects aim to discover the molecular basis for these processes using both classical and new, cutting-edge techniques. These include plasmid manipulation, genetic complementation, mutagenesis, PCR, DNA sequencing, enzyme assays, and gene expression studies. Prerequisite: BIOL 350; BIOL 402. LAB.

BTEC 424. Independent Study in Biotechnology. 1-3 Hours. N. Independent project at a related bioscience industry partner or faculty in selected topics of current translational research interest. May be undertaken only with the consent of the major advisor who will guide the research after determining objectives with the interested industry partner or faculty. Prerequisite: Consent of instructor. IND.

BTEC 440. Biotechnology Research Methods and Applications II. 3 Hours. N. Theory and practicum behind laboratory techniques and overview of industrial scale expression systems of insect or mammalian protein chemistry. Cell culture techniques, principles of bioreactor operation and purification, documentation procedures, important tasks for clean room operations, including sanitization, sterilization, cleaning procedures, calibration, and environmental monitoring are evaluated. Prerequisite: BTEC 340; BTEC 341. LEC.

BTEC 441. Principles of Bioprocessing Laboratory II. 1 Hour. N. Mammalian cell culture techniques, principles of bioreactor operations and purification techniques, and calibration. The primary goal of this course is to provide students with an advanced background in mammalian upstream and downstream biotechnology. Prerequisite: BTEC 341; BTEC 440 or concurrent enrollment in BTEC 440. LAB.

BTEC 450. Applied Bioinformatics. 3 Hours. N. Overview of the fields of bioinformatics and genomics. Topics, tools, issues and current trends in these and related fields are discussed. Principles and practical application of bioinformatics tools in molecular biology and genetics are evaluated. The haploid human genome occupies a total of just over 3 billion DNA base pairs. This information is not contained in books, but stored in electronic databases. Computational biology utilizes infer function by comparative analysis. This course is designed for life scientists from all fields to introduce them to the power of bioinformatics and enable them to access and utilize biological information in databases for their own research. Prerequisite: BTEC 300; BIOL 570 or MATH 365 or PSYC 210. LEC.

BTEC 460. Introduction to Quality Control/Quality Assurance in Biotechnology. 3 Hours. N. Quality control techniques, assurance issues, and management methods. Quality in design and planning, in the constructed project, and in production of goods and services. Prerequisite: BTEC 330. LEC.

BTEC 475. Bioseparations Laboratory. 2 Hours. N. Develop novel and effective strategies for extraction and purification of recombinant and native biomolecules by understanding constraints posed by the biological system and the products. Research projects are geared toward developing cost-effective processes for recovery of industrial and biopharmaceutical products derived from a variety of native and/or transgenic sources. Prerequisite: BTEC 405; BTEC 441. LAB.

BTEC 494. Selected Topics in Biotechnology. 1 Hour. N. Course work varies with the topic of the seminar. The preparation and presentation of oral reports on selected topics from recent translational research literature. Students may choose one interest group each semester, but may enroll in a given interest group only once. May be repeated for credit when topics vary. Prerequisite: BTEC 300 and approval of instructor. LEC.

BTEC 501. Ethical Issues in Biotechnology. 1 Hour. N. Student investigations and discussions of current controversial issues in biotechnology. This course emphasizes thinking about new technologies in a rational and thoughtful way. Prerequisite: BTEC 300. LEC.

BTEC 541. Gene Expression Analysis: Microarrays. 2 Hours. N. This course reviews current theory, techniques, instrumentation, troubleshooting, analysis tools, and advanced protocols for microarray analysis. Students have the opportunity to utilize skills learned during lecture in a laboratory environment. At the conclusion of this course,
students understand microarray experimental design, its tools, and analysis of generated data. Prerequisites: BTEC 300. LAB.

**BTEC 542. Protein Expression in Insect Cells. 2 Hours. N.**
Introduction to the insect cells expression system, and its advantages and disadvantages. Introduction to expression of recombinant proteins with baculovirus. Outline of antibody and antibody fragments as well as other complex proteins. Basic techniques used for growth and maintenance of insect cell cultures. The lab portion of the course provides students with practical experience in protein expression techniques in the insect cells expression system. Prerequisite: BTEC 300. LAB.

**BTEC 545. RNA Interference and Model Organisms. 2 Hours. N.**
Introduction and history of RNA interference technology. Principles, mechanism, and applications of RNA interference in model organisms. Laboratory sessions include RNA interference-mediated silencing of genes in plants, C. elegans, and mammalian cell culture. Prerequisite: BTEC 300. LAB.

**BTEC 547. Bioanalytical Lab. 2 Hours. N.**
Analytical methods used for testing biotherapeutics are examined. Emphasis is placed on assessing protein concentration, purity, identity and activity. The importance of sample processing, throughput and level of validation are explored as samples from upstream processing, downstream processing and final bulk are interrogated. Students also learn key concepts used to validate the performance of analytical methods. Prerequisite: BTEC 300. LAB.

**BTEC 599. Biotechnology Capstone Experience. 3 Hours. N.**
Supervised internship at a biotech company; or an independent thesis; or honors thesis with Honors Program. Prerequisite: BTEC 441 and approval of instructor. FLD.

**Chemistry Courses**

**CHEM 100. Chemistry in Context: _____, 3 Hours. NP GE3N / N.**
An introduction to chemistry that focuses on basic chemical principles, designed for students with no previous background in chemistry. This course promotes the development of chemical literacy within a context that encourages an appreciation for the role and significance of chemistry in the modern world. Not intended for students who need to fulfill a specific chemistry requirement as part of their degree program. LEC.

**CHEM 110. Introductory Chemistry. 5 Hours. NP GE3N / N.**
This integrated lecture and laboratory course provides an introduction to basic concepts related to general, organic, and biological chemistry. Suitable for students seeking an introductory course and for students who are majoring in health and allied health fields. Students whose majors require more than one semester of chemistry should enroll in CHEM 130, CHEM 170, or CHEM 190. CHEM 110 and CHEM 150 cannot both be taken for credit. LEC.

**CHEM 130. General Chemistry I. 5 Hours. NP GE12/GE3N / N.**
This course seeks to develop a working knowledge of the conceptual foundation and the quantitative chemical relationships on which subsequent chemistry courses are built. Atomic structure, chemical bonding, reaction stoichiometry, thermochemistry, and periodic trends are emphasized in this integrated lecture and laboratory course. Students pursuing or considering a major in one of the chemical sciences should strongly consider taking CHEM 170 or CHEM 190. Students with credit in CHEM 110 will have two hours added on to their total number of hours required for graduation. Prerequisite: Must be eligible for MATH 115. LEC.

**CHEM 135. General Chemistry II. 5 Hours. GE12/GE3N / N.**
This course, which is a continuation of CHEM 130, focuses on chemical kinetics, chemical equilibrium, acid-base chemistry, and thermodynamics. Additional topics, such as environmental chemistry, electrochemistry, coordination chemistry, nuclear chemistry, organic chemistry, and/or polymers, may also be introduced in this integrated lecture and laboratory course. Students pursuing or considering a major in one of the chemical sciences should strongly consider taking CHEM 175 or CHEM 195. Prerequisite: CHEM 130, CHEM 170 or CHEM 190. LEC.

**CHEM 150. Chemistry for Engineers. 5 Hours. GE12/GE3N / N.**
This one semester course is designed for students in the School of Engineering who are not required to take additional chemistry courses at the college level. Topics covered in this integrated lecture and laboratory course include quantum theory, atomic structure, chemical bonding, solids, liquids, gases, thermodynamics, equilibrium, acids and bases, kinetics, polymer chemistry, and materials science. The application of these concepts to engineering problems and practices is emphasized. Prerequisite: Must have completed a course in high school chemistry and be eligible for MATH 121 (or have Departmental consent). Students not admitted to the School of Engineering must receive permission from instructor. CHEM 110 and CHEM 150 cannot both be taken for credit. LEC.

**CHEM 170. Chemistry for the Chemical Sciences I. 5 Hours. NP GE12/GE3N / N.**
The first course in a two-course sequence focused on the principles and applications of modern chemistry. This integrated lecture and laboratory course is designed for students pursuing or considering a major in one of the chemical sciences (such as chemistry, biochemistry, chemical engineering or petroleum engineering). The CHEM 170/CHEM 175 course sequence covers the general topics as CHEM 130/CHEM 135, but with an increased emphasis on modern applications of chemistry. Students with credit in CHEM 110 will have two hours added on to their total number of hours required for graduation. Prerequisite: Eligibility for MATH 115. LEC.

**CHEM 175. Chemistry for the Chemical Sciences II. 5 Hours. N.**
An integrated lecture and laboratory course which is a continuation of CHEM 170. Prerequisite: CHEM 130, CHEM 170 or CHEM 190. LEC.

**CHEM 177. First Year Seminar: _____, 3 Hours. GE11 / U.**
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Chemistry. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

**CHEM 180. Seminar I. 0.5 Hours. U.**
Special topics for chemistry majors such as using the chemical literature, educational and professional perspectives, scientific ethics, and undergraduate research opportunities. It is recommended that students take this half-semester course in their freshman or sophomore year. Prerequisite: A declared major in chemistry or consent of instructor. LEC.

**CHEM 190. Foundations of Chemistry I, Honors. 5 Hours. NP GE12/ GE3N / N.**
This integrated lecture and laboratory course, which is designed for qualified and motivated students having a strong interest in chemistry, provides a more thorough treatment of the concepts and topics covered in CHEM 130 and CHEM 170. It is anticipated that students in CHEM 190 plan to take more than one year of chemistry at the college level. Students with credit in CHEM 110 will have two hours added on to their total number of hours required for graduation. Prerequisite: high-school chemistry and calculus; at least one of the following: (a) acceptance into the KU Honors Program, (b) an AP exam score in chemistry of 3 or higher, (c) a mathematics ACT score of 28 or higher; or permission of instructor. LEC.
CHEM 195. Foundations of Chemistry II, Honors. 5 Hours. GE12/GE3N / N.
A course designed for qualified and motivated students with strong interest in chemistry to provide a more thorough treatment of the concepts and topics of advanced general chemistry. It is anticipated that the students in CHEM 195 have completed CHEM 190 or excelled in CHEM 130 or CHEM 170. Prerequisite: Membership in the University Honors Program, CHEM 130, CHEM 170 or CHEM 190, or consent of the department. LEC.

CHEM 309. History of Chemistry. 3 Hours. H.
Birth of modern chemical science from roots in Greek natural philosophy, alchemy, Renaissance medicine and technology. The Chemical Revolution of Lavoisier and Dalton. Maturity of chemistry in the 19th and 20th centuries, along with an examination of growth of chemical institutions and the rise of chemical industry. Emphasis on developments from the 18th century to the present. (Same as HIST 309.) LEC.

CHEM 310. Fundamentals of Organic Chemistry. 3 Hours. GE3N / N.
A study of the structures and reactions of important classes of organic compounds. Along with the organic laboratory, CHEM 331, this course will fulfill the needs of students requiring a single semester of organic chemistry. Students requiring more than one semester of organic chemistry should enroll in CHEM 330. Prerequisite: CHEM 135, CHEM 175 or CHEM 195. LEC.

CHEM 330. Organic Chemistry I. 3 Hours. GE3N / N.
A study of the structure and reactivity of selected classes of organic compounds. CHEM 330 is the first course of a two-semester sequence. Students who require only one semester of organic chemistry should enroll in CHEM 310. Students with credit in CHEM 310 will have two hours added on to their total number of hours required for graduation. Prerequisite: CHEM 135, CHEM 175 or CHEM 195. LEC.

CHEM 331. Organic Chemistry I Laboratory. 2 Hours. U.
Emphasis on basic techniques for the preparation, separation, and purification of organic compounds. Required for a major in chemistry and by those departments and programs requiring a complete undergraduate organic chemistry course. Prerequisite or corequisite: CHEM 310 or CHEM 330 or CHEM 380. LAB.

CHEM 335. Organic Chemistry II. 3 Hours. N.
A continuation of CHEM 330, intended for students who want further training in organic chemistry. Prerequisite: CHEM 330 or CHEM 380. LEC.

CHEM 336. Organic Chemistry II Laboratory. 2 Hours. U.
More advanced organic laboratory techniques with emphasis on modern spectroscopic methods for determining the structure and purity of organic compounds. Prerequisite: CHEM 331. Prerequisite or corequisite: CHEM 335 or CHEM 383. LAB.

CHEM 380. Organic Chemistry I, Honors. 3 Hours. GE3N / N.
This is the first half of a two-semester sequence in organic chemistry for students with strong records in previous chemistry courses and who are planning or considering a major in a chemistry-related field. The content is similar to that of CHEM 330 but with coverage in greater depth and more emphasis on developing problem-solving skills. Students requiring only one semester of organic chemistry should not enroll in this course but take CHEM 310. Students with credit in CHEM 310 who take and complete CHEM 380 will have two hours added to their total number of credit hours required for graduation. Prerequisite: CHEM 135, CHEM 175 or CHEM 195 and membership in the University Honors Program or consent of instructor. LEC.

CHEM 385. Organic Chemistry II, Honors. 3 Hours. N.
This is the second course in a two-semester sequence in organic chemistry for students with strong records in previous chemistry courses and who are planning or considering a major in chemistry or in a chemistry-related field. The content is similar to that of CHEM 335 but with coverage in greater depth and more emphasis on developing problem-solving skills. Prerequisite: CHEM 330 or CHEM 380 and membership in the University Honors Program, or consent of instructor. LEC.

CHEM 450. Directed Readings/Laboratory in Chemistry. 1-3 Hours. N. Individual and supervised study or laboratory work on special topics or problems in chemistry. Prerequisite: Ten hours of chemistry and a minimum overall grade-point average of 2.0 or consent of department. IND.

CHEM 510. Biological Physical Chemistry. 3 Hours. N.
A one semester course, designed particularly for biology, biochemistry, and premedical students, which surveys the fundamentals of physical chemistry. The basic principles of thermodynamics, chemical kinetics, quantum chemistry, and spectroscopy will be introduced, and their application to aqueous solutions and biochemical systems will be emphasized. Prerequisite: One semester of organic chemistry, two semesters of calculus, and two semesters of physics. LEC.

CHEM 511. Biological Physical Chemistry Laboratory. 2 Hours. AE61 / U.
A course particularly for biology, biochemistry, and premedical students. Experiments in physical chemistry illustrating the fundamental principles of quantum mechanics, spectroscopy, thermodynamics, and kinetics as applied to chemical systems. Prerequisite: CHEM 510. LAB.

CHEM 530. Physical Chemistry I. 3 Hours. N.
An introduction to the basic principles of quantum mechanics, atomic and molecular structure, molecular rotations and vibrations, group theory, spectroscopy, and statistical mechanics. Prerequisite: CHEM 135, CHEM 175 or CHEM 195; PHSX 211 and PHSX 212; MATH 121, MATH 122 and MATH 220 or MATH 320; and completion of, or concurrent enrollment in MATH 290 or consent of instructor. LEC.

CHEM 531. Physical Chemistry I Laboratory. 2 Hours. U.
Experiments in physical chemistry, with emphasis on the fundamental principles of quantum mechanics and spectroscopy as applied to chemical systems. Prerequisite: CHEM 530. LAB.

CHEM 535. Physical Chemistry II. 4 Hours. N.
Emphasizes the thermodynamics of molecular systems with application to the structure and properties of gases, liquids, solids, materials, statistical thermodynamics, chemical kinetics, and reaction dynamics. Prerequisite: CHEM 530 and MATH 290 or consent of instructor. LEC.

CHEM 536. Physical Chemistry II Laboratory. 2 Hours. U.
Experiments in physical chemistry, with emphasis on the fundamental principles of chemical thermodynamics and kinetics. Prerequisite: CHEM 535 or consent of instructor. LEC.

CHEM 598. Research Methods. 3 Hours. N.
An introduction for pre-service teachers to the tools used by scientists to solve scientific problems. Topics include design of experiments and interpretation of their results, use of statistics, mathematical modeling, laboratory safety, ethical treatment of human subjects, writing scientific papers, giving oral presentations, and obtaining data from the scientific literature. Open only to students in the UKanTeach program. LEC.

CHEM 620. Analytical Chemistry. 3 Hours. N.
Principles of analytical chemistry with emphasis on the fundamental reactions used for chemical analysis. Topics include chemical equilibria in acid/base, complexation, separations, and redox systems, data analysis,
potentiometry and spectrophotometry. Prerequisite: One semester of organic chemistry and organic chemistry laboratory, CHEM 535 or CHEM 510 (or concurrent enrollment in CHEM 510), or permission of instructor. Corequisite: CHEM 621. LEC.

CHEM 621. Analytical Chemistry Laboratory. 2 Hours. U.
Experiments illustrate fundamental principles of chemical analysis methods. The course serves as an introduction to advanced instrumental methods of analysis. Prerequisite: One semester of organic chemistry and organic chemistry laboratory, CHEM 535 or CHEM 510 (or concurrent enrollment in CHEM 510), or permission of instructor. Corequisite: CHEM 620. LAB.

CHEM 635. Instrumental Methods of Analysis. 2 Hours. U.
Theory and application of instrumental methods to modern analytical problems. Topics covered include atomic and molecular spectroscopy, electrochemistry, mass spectrometry, and separations. Prerequisite: CHEM 620 and CHEM 621 and one semester of physical chemistry laboratory, or permission of instructor. Corequisite: CHEM 636. LEC.

CHEM 636. Instrumental Methods of Analysis Laboratory. 2 Hours. AE61 / U.
Theory and application of instrumental methods to modern analytical problems. Experiments covered in this capstone laboratory course include atomic and molecular spectroscopy, electrochemistry, and separation methods. Prerequisite: CHEM 620 and CHEM 621, and one semester of physical chemistry laboratory; or permission of instructor. Corequisite: CHEM 635. LAB.

CHEM 660. Systematic Inorganic Chemistry. 3 Hours. N.
A systematic study of the elements and their compounds, emphasizing the relationship between properties of substances and their atomic and molecular structures and the positions of the elements in the periodic systems. Prerequisite: CHEM 510 or CHEM 530. LEC.

CHEM 661. Advanced Inorganic Laboratory. 2 Hours. U.
Experiments concerning the synthesis and characterization of inorganic compounds. Prerequisite: CHEM 660 or concurrent enrollment in CHEM 660. LAB.

CHEM 680. Topics in Chemistry: _____ 1-5 Hours. N.
Courses on special topics in chemistry, given as the need arises. Course may be repeated for different topics. Prerequisite: 20 hours of Chemistry. Each section may have additional prerequisites to be determined by the instructor. LEC.

CHEM 695. Seminar II. 0.5 Hours. U.
Special topics and presentations by students and faculty in areas of current interest such as recent advancements in chemistry, professional development, societal issues facing chemists, and reports of ongoing research. This half-semester course is recommended for seniors. Prerequisite: CHEM 180. LEC.

CHEM 698. Undergraduate Research Problems. 1-6 Hours. AE61 / N.
May be repeated to accumulate a maximum of 10 credit hours. An undergraduate research course, in any of the fields of chemistry, consisting of either experimental work or the preparation of an extensive paper based on library investigation of a selected topic. A final report must be submitted to the department at the end of the semester. Open by permission of the department to those with at least 20 hours of chemistry. IND.

CHEM 699. Undergraduate Honors Research. 2-6 Hours. AE61 / N.
To be taken two semesters for a total of no more than 8 hours. An undergraduate research course, in any of the fields of chemistry. At the completion of the research, a written thesis, and an oral presentation will be required. Prerequisite: Admission to Chemistry Honors Program. IND.

CHEM 700. Responsible Scholarship in the Chemical Sciences. 1 Hour.
A course for beginning graduate students with particular emphasis on scholarship issues relevant to the chemical sciences. Topics will include scientific ethics, codes of conduct, record keeping, authorship, and the responsibilities of a scientist. Group discussions, particularly centered around case studies, will be a significant component of the course. LEC.

CHEM 701. Laboratory Safety in the Chemical Sciences. 1 Hour.
A course for beginning graduate students focusing on chemical safety in modern laboratories. The course will feature practical instruction in lab safety, an introduction to safety resources, and group discussions centered around case studies. LEC.

CHEM 718. Mathematical Methods in Physical Sciences. 3 Hours.
Review of all complex variable theory; introduction to the partial differential equations of physics; Fourier analysis; and special functions of mathematical physics. (Same as PHSX 718.) Prerequisite: Two semesters of junior-senior mathematics. LEC.

CHEM 720. Fundamentals and Methods of Analytical Chemistry. 3 Hours.
An introductory graduate level course in analytical chemistry, in which the principles of electrochemistry, spectroscopy, and separation science are utilized to solve analytical problems in inorganic, organic, and biochemistry. Prerequisite: An undergraduate course in analytical chemistry, a year of organic chemistry, and a year of physical chemistry. LEC.

CHEM 730. Coordination and Organometallic Chemistry. 3 Hours.
An examination of the basic foundations of coordination chemistry and organometallic chemistry including symmetry methods, bonding, magnetism, and reaction mechanisms. Prerequisite: Two semesters of organic chemistry and one semester of physical chemistry in which quantum chemistry is introduced. The latter course may be taken concurrently with CHEM 730. LEC.

CHEM 740. Principles of Organic Reactions. 3 Hours.
A consideration of the structural features and driving forces that control the course of chemical reactions. Topics will include acid and base properties of functional groups; qualitative aspects of strain, steric, inductive, resonance, and solvent effects on reactivity; stereo-chemistry and conformations; an introduction to orbital symmetry control; basic thermodynamic and kinetic concepts; and an overview of some important classes of mechanisms. Prerequisite: Two semesters of undergraduate organic and one semester of physical chemistry or concurrent enrollment. LEC.

CHEM 742. Spectroscopic Identification of Organic Compounds. 3 Hours.
The use of techniques such as infrared, nuclear magnetic resonance, and ultraviolet spectroscopy, and mass spectrometry for elucidating the structure of organic molecules. A lecture and workshop course. Prerequisite: CHEM 626 and CHEM 627. LEC.

CHEM 750. Introduction to Quantum Mechanics. 3 Hours.
An introduction to the basic principles of quantum theory relevant to atomic and molecular systems. Topics include operators and operator algebra, matrix theory, eigenvalue problems, postulates of quantum mechanics, the Schrödinger equation, angular momentum, electronic structure, molecular vibrations, approximation methods, group theory, and the foundations of spectroscopy. Prerequisite: Two semesters of physical chemistry. LEC.

CHEM 760. Introduction to Chemistry in Biology. 3 Hours.
A comprehensive introduction to the application of chemistry to address problems in biology at the molecular level. The fundamentals of
biomolecules (nucleic acids, proteins, lipids and carbohydrates) and techniques of chemical biology research will be discussed. LEC.

CHEM 775. Chemistry of the Nervous System. 3 Hours.
A study of the overall concept of central nervous system functioning. A brief introduction to neuroanatomy and neurophysiological techniques as well as a relatively detailed discussion of the chemistry of neurotransmitters is included. (Same as BIOL 775, MDCM 775, NURO 775, PTX 775, and PHCH 775.) Prerequisite: One year of undergraduate organic chemistry. LEC.

CHEM 800. Research. 1-10 Hours.
Original investigation on the graduate level. RSH.

CHEM 810. Colloquium: ____. 1 Hour.
Colloquia on various topics of current interest are presented by students, faculty, and visiting scientists. LEC.

CHEM 812. Chemical Seminar. 1-3 Hours.
Individual studies of certain advanced phases of chemistry not covered in the regular graduate courses. IND.

CHEM 820. Analytical Separations. 3 Hours.
An advanced treatment of analytical separations techniques. The theory of separation science will be augmented with discussion of practical aspects of instrumentation and experiment design. Prerequisite: CHEM 720. LEC.

CHEM 822. Electrochemical Analysis. 3 Hours.
An advanced treatment of selected electroanalytical techniques and methodology. Prerequisite: CHEM 720. LEC.

CHEM 824. Spectrochemical Methods of Analysis. 3 Hours.
General concepts of encoding chemical information as electromagnetic radiation; major instrumental systems for decoding, interpretation, and presentation of the radiation signals; atomic emission, absorption, and fluorescence; ultraviolet, visible, infrared, and microwave absorption; molecular luminescence; scattering methods; mass spectrometry; magnetic resonance; automated spectrometric systems. Prerequisite: CHEM 720. LEC.

CHEM 826. Mass Spectrometry. 3 Hours.
An introduction to mass spectrometry. The various ionization techniques and mass analyzers will be discussed, and many examples of different mass spectrometric applications will be introduced. Prerequisite: CHEM 720. LEC.

CHEM 828. Bioanalysis. 3 Hours.
A course covering important aspects in modern chemical measurement with particular emphasis placed on bioanalysis. This course will survey the modern analytical challenges associated with the ongoing efforts in genomics and proteomics and discuss future trends in methods in instrumentation. Prerequisite: CHEM 720. LEC.

CHEM 830. Structure, Bonding and Spectroscopic Methods in Inorganic Chemistry. 3 Hours.
An introduction of quantum and group theories in relation to bonding and physicochemical properties of inorganic substances. Topics include vibrational and electronic spectroscopies, magnetism, and inorganic photochemistry. Prerequisite: CHEM 730. LEC.

CHEM 832. Inorganic Reaction Mechanisms and Catalysis. 3 Hours.
Mechanistic aspects of transition metal chemistry including substitution reactions, electron transfer reactions, rearrangement reactions, ligand reactions and inorganic photochemistry. Principles and applications of heterogeneous and homogeneous catalytic processes emphasizing catalysis at transition metal centers. Prerequisite: CHEM 730. LEC.

CHEM 840. Physical Organic Chemistry. 3 Hours.
An examination of the methods used to probe the mechanisms of organic reactions and of the chemistry of some important reactive intermediates. Topics will include isotope effects, kinetics, linear free energy relationships, solvent effects, a continuing discussion of orbital symmetry, rearrangements, carbocations, carbonium, carbenes, radicals, excited states, and strained molecules. Prerequisite: CHEM 740. LEC.

CHEM 842. Organic Synthesis I. 3 Hours.
A discussion of fundamental reactions for the formation of carbon-carbon bonds, oxidation, reduction, and functional group interchange. Prerequisite: CHEM 740. LEC.

CHEM 844. Problem Solving in Organic Chemistry. 1 Hour.
A course designed to develop a student’s ability to apply fundamental concepts of mechanistic organic and organometallic chemistry, physical organic chemistry, bioorganic chemistry, synthetic organic reactions and techniques for structure elucidation. Students will propose solutions to practice problems mimicking challenges that arise in contemporary research in organic chemistry. The format includes interactive problem-solving discussions led by faculty and peers and monthly written examinations. May be repeated up to three times until the student has passed at least four of the written exams. Graded on a Satisfactory/Unsatisfactory basis. Prerequisite: CHEM 740 or permission of instructor. SEM.

CHEM 850. Advanced Quantum Mechanics. 3 Hours.
The advanced mathematical and physical principles of quantum mechanics relevant to atomic and molecular systems. Topics may include abstract vector spaces and representations, time-dependent quantum dynamics, electronic structure theory, density matrices, second-quantization, advanced group theory, path integrals, and scattering theory. Prerequisite: CHEM 750 or its equivalent. LEC.

CHEM 852. Statistical Thermodynamics. 3 Hours.
Thermodynamics and introduction to equilibrium statistical mechanics with emphasis on problems of chemical interest. The course consists of two roughly equal parts: 1) An advanced overview of the laws and concepts of thermodynamics with application to specific problems in phase and chemical equilibria and 2) An introduction to equilibrium statistical mechanics for both classical and quantum systems. Prerequisite: CHEM 750 or its equivalent. LEC.

CHEM 854. Chemical Kinetics and Dynamics. 3 Hours.
A study of the rates, mechanisms, and dynamics of chemical reactions in gases and liquids. Topics include an advanced overview of classical kinetics, reaction rate theories (classical collision theory, transition-state theory and introductory scattering theory), potential energy surfaces, molecular beam reactions, photochemistry, Marcus electron transfer theory and other areas of current interest. Prerequisite: CHEM 750 or its equivalent. LEC.

CHEM 856. Molecular Spectroscopy. 3 Hours.
Quantitative molecular spectroscopy and its chemical applications. The basic principles of the molecular energy levels, selection rules and spectral transition intensities will be discussed and applied to rotational, vibrational, electronic, and nuclear magnetic spectroscopy. Linear and nonlinear spectroscopies will be addressed. Prerequisite: CHEM 750 or its equivalent. LEC.

CHEM 899. Master’s Thesis. 1-10 Hours.
Research work (either experimental or theoretical) in chemistry for students working toward the M.S. degree. Graded on a satisfactory/unsatisfactory basis. THE.
CHEM 900. Advanced Research. 1-10 Hours.
Original investigation in chemistry at the graduate level. Graded on satisfactory/unsatisfactory basis. Prerequisite: Advancement to doctoral candidacy. RSH.

CHEM 914. Computational Methods in Physical Sciences. 3 Hours.
Advanced computer applications in physical science. General discussion and illustration of problem organization and solution by numerical and other methods with examples from physics, astronomy, and other physical sciences. Students will design, write, validate, and document a computer program to solve a physical problem. (Same as ASTR 815 and PHSX 815.) Prerequisite: Six hours of computer science courses numbered 300 or above, and six hours of physics and/or astronomy courses numbered 300 or above. LEC.

CHEM 930. Bioinorganic Chemistry. 3 Hours.
A survey of metalloproteins and metalloenzymes, their structures and functions, including recent advances in biomimetic modeling, small molecule activation in biological systems, and related physical methods. Prerequisite: CHEM 832. LEC.

CHEM 942. Organic Synthesis II. 3 Hours.
A survey of important techniques in organic chemistry with respect to scope, limitations, mechanism, and stereochemistry. Emphasis will be placed on new synthetic methods and application of such methods to the synthesis of structurally interesting compounds, particularly natural products. Prerequisite: CHEM 842. LEC.

CHEM 950. Advanced Statistical Mechanics. 3 Hours.
Advanced equilibrium statistical mechanics and introduction to nonequilibrium statistical mechanics. Topics include: the theory of liquids, critical phenomena, linear response theory and time correlation functions, Langevin dynamics, and molecular hydrodynamics. (Same as PHSX 971.) Prerequisite: CHEM 909 or equivalent. LEC.

CHEM 970. College Teaching Experience in Chemistry. 3 Hours.
A student will engage in a semester-long, planned instructional activity that shall include college classroom teaching under the supervision of a chemistry department faculty member. Prerequisite: Two semesters as a graduate teaching assistant. LEC.

CHEM 980. Advanced Topics in Chemistry: ______. 2-3 Hours.
A course covering special advanced topics in chemistry not included in other graduate courses. One or more topics will be covered in a given semester and an announcement of the course content and prerequisites will be made at the end of the previous semester. This course may be taken more than once when the topic varies. LEC.

CHEM 999. Doctoral Dissertation. 1-10 Hours.
Research work (either experimental or theoretical) in chemistry for students working toward the Ph.D. degree. Graded on a satisfactory/unsatisfactory basis. THE.

Classics Courses

CLSX 148. Greek and Roman Mythology. 3 Hours. HL GE3H / H/W.
A systematic examination of the traditional cycles of Greek myth and their survival and metamorphosis in Latin literature. Some attention will be given to the problems of comparative mythology and the related areas of archaeology and history. Slides and other illustrated materials. No knowledge of Latin or Greek is required. LEC.

CLSX 149. Greek and Roman Mythology Honors. 3 Hours. HL GE3H / H/W.
The study of Greek and Roman mythology through extensive readings in primary classical texts and secondary authors. Prerequisite: Admission to the Honors Program or consent of instructor. LEC.

CLSX 151. Introduction to Classical Archaeology. 3 Hours. HT GE11/GE3H / H/W.
An introduction to the history, methods, and excavation techniques of archaeology, with special emphasis on ancient Greece and Rome. Topics include stratigraphy, chronology, artifact analysis, the role of archaeology in our understanding of Greek and Roman society, and the treatment of archaeology in popular culture. Illustrated throughout with presentations of important archaeological sites of the ancient Mediterranean such as Athens and Pompeii, from the earliest times through late antiquity. LEC.

CLSX 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Classics. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

CLSX 178. Writing About Greek and Roman Culture. 3 Hours. GE21 / H.
This course uses focused content from Greek and Roman mythology as a vehicle for learning, applying, and practicing essential skills of writing. The content varies from term to term but is always circumscribed, such as Helen of Sparta, nature myths, the wandering hero, or children in Greek tragedy. Students complete a variety of writing exercises that build upon each other and include revision. The course will be taught in English. LEC.

CLSX 230. Greek Literature and Civilization. 3 Hours. HL GE3H / H.
An introduction to ancient Greek literature and civilization. Studied against the historical and cultural background of their times will be writers of poetry and prose such as Homer, Sappho, the tragedians, Aristophanes, Plato, and topics arising from the texts such as religion, athletics, or performance, sexuality, and the development of literary genres. No knowledge of Greek required and no prerequisite. LEC.

CLSX 232. Word Power: Greek and Latin Elements in English. 3 Hours. H/W.
A study of English words drawn from Greek and Latin for all those interested in the sources of the English vocabulary. Enough Greek and Latin for essential purposes is also studied. No knowledge of Greek or Latin is required. A student may not receive credit for both CLSX 232 and CLSX 332. LEC.

CLSX 240. Roman Literature and Civilization. 3 Hours. HL GE3H / H.
An introduction to ancient Roman literature and civilization. Studied against the historical and cultural background of their times will be authors such as Plautus, Vergil, Livy, Petronius, and topics arising from the texts such as religion, oratory, slavery, political propaganda, the Roman games, and the development of Roman literature. No knowledge of Latin required and no prerequisite. LEC.

CLSX 317. Greek and Roman Art. 3 Hours. H/W.
A survey of the art of ancient Greece and Rome (ca. 1000 B.C.E.- 500 C.E.). Emphasis on major sites, architecture, sculpture, and painting. Illustrated lectures and discussion; use of the Wilcox Classical Museum. No knowledge of Greek or Latin is required. Not open to students who have taken both CLSX 526/HA 526 and CLSX 527/HA 537, except with permission of the instructor. (Same as HA 317, HWC 317.) LEC.

CLSX 330. Greek Literature and Civilization, Honors. 3 Hours. HL GE3H / H.
Honors version of CLSX 230. An introduction to ancient Greek literature and civilization through extensive readings in primary Greek texts. No knowledge of Greek required. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.
CLSX 332. Scientific Word Power: Greek and Latin Elements in the Vocabulary of Science. 3 Hours. H.
A study of the terminology of science with reference to its debt to the Greek and Latin languages. While all the natural sciences will be treated, there will be some emphasis on the biological sciences. No knowledge of Greek or Latin is required. A student may not receive credit for both CLSX 232 and CLSX 332. LEC.

CLSX 340. Roman Literature and Civilization, Honors. 3 Hours. HL. GE3H / H.
Honors version of CLSX 240. An introduction to ancient Roman literature and civilization through extensive readings in primary Roman texts. No knowledge of Latin required. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

CLSX 350. Modern Themes, Ancient Models: _____ 3 Hours. H.
The study of the evolution of a cultural or literary tradition from the Graeco-Roman world into modern times. The theme of the course will normally vary from semester to semester; topics such as these may be examined: the analysis of a literary genre (e.g. drama, satire, lyric), the transformation of the ancient mythical heritage, the reception of ancient astronomy. Students should consult the Schedule of Classes for the theme of the course in a given semester. With departmental permission, may be repeated for credit as topic varies. (Same as HWC 380.) LEC.

CLSX 351. Introduction to Classical Archaeology, Honors. 3 Hours. HT GE11/GE3H / H/W.
Honors version of CLSX 151, with the focus towards critical approaches and research. Special attention is paid to recent methodological, theoretical, and ethical debates within the profession of Classical archaeology. Assignments and activities may include position papers on contentious issues of the day, research assignments, and/or field trips to museums and related institutions. Prerequisite: Admission to the Honors Program or consent of instructor. LEC.

CLSX 355. Ancient Greece and Rome in Film. 3 Hours. H.
This course explores the reception of the cultures of ancient Greece and Rome in film. Students in this course learn about the cultures of ancient Greece and Rome through primary sources, and analyze several films from the 20th and 21st centuries for which these sources are relevant. The course considers the relationship between historical accuracy and artistic license in the films selected for the course, how each film reflects the concerns of the modern cultural context in which it was made, the common visual and thematic elements that link films set in ancient Greece or Rome, and the reuse of elements from Greek and Roman mythology and history in films set in the modern world. No knowledge of Latin or Greek required. LEC.

CLSX 374. Gender and Sexuality, Ancient and Modern. 3 Hours. AE42 / H.
Classical Greek and Roman attitudes to gender and sexuality compared and contrasted with modern notions and behaviors. Attention is paid to literature (dramatic, philosophical, medical, and legal texts) and archaeological evidence (vase painting, sculpture, and domestic architecture). The course may include the following topics: age divisions and rites of passage from childhood to maturity; marriage; conception, birth, and infanticide; the family; love; homoeroticism; property and economics; and sexuality and the law, politics, and religion. No knowledge of Greek or Latin is required. (Same as HWC 374.) LEC.

CLSX 375. Studies in: _____ 1-3 Hours. H/W.
Selected readings in Greek and Roman antiquity and the classical tradition for students who desire special work on a flexible basis. No knowledge of Greek or Latin is required. May be repeated for credit, the maximum being twelve hours. Prerequisite: Consent of instructor. LEC.

CLSX 384. The Rise of Greek Tragedy. 3 Hours. H.
Plays by Aeschylus, Sophocles, and Euripides will be read in translation. The criticism of the plays, and the role they play in Athenian (and Greek) culture of the 5th century. This course includes the Oresteia, Oedipus Tyrannus, Antigone, and Medea. No knowledge of Greek is required. LEC.

CLSX 388. Poetry and Politics in Fifth-Century Athens. 3 Hours. H.
The later plays of Euripides and Sophocles, selected plays by the comic dramatist Aristophanes, and passages from the historian Thucydides. Criticism of the plays, and discussion of themes common to literature and history in this period. The dissolution of a high culture. CLSX 384 is NOT a prerequisite. No knowledge of Greek required. LEC.

CLSX 490. Comprehensive Examination of Classical Antiquity. 1 Hour. U.
An examination covering the six areas of course work and reading for the Classical Antiquity major, to be taken by the student pursuing the major in the last semester of the senior year. Prerequisite: A declared major in Classical Antiquity and status as a graduating senior. IND.

CLSX 492. Independent Study for Classical Antiquity Majors. 3 Hours. U.
Under the supervision of an advisor in Classics, the student will do extensive reading in the area of Classics generously defined, to result in two or more papers as agreed upon between faculty and student. IND.

CLSX 496. Honors Essay in Classical Antiquity. 3 Hours. AE61 / H/W.
Individual directed research and preparation of an essay on a topic in Classical literature, culture, or language. Prerequisite: Eligibility for departmental honors and consent of essay advisor. IND.

CLSX 501. The History of the Latin Language. 3 Hours. H.
The place of Latin among the Indo-European languages and the languages of Italy, its development as a literary medium, and how it changed in pronunciation, vocabulary, and grammar from its beginnings through the Medieval period. LEC.

CLSX 502. Development of Ancient Greece, ca. 1000-300 B.C.: 3 Hours. H/W.
Emphasis on the ancient sources and texts, developments in political institutions and society, the changing definitions of personal, cultural, and national identities, and the cultural tensions between Greece and the cultures to the west and east, especially Italy and Persia. No knowledge of the ancient languages is required. (Same as HIST 502). LEC.

CLSX 515. Gender and Sexuality in Greek Culture. 3 Hours. H.
This course explores various approaches to the study of gender and sexuality in Greek antiquity. Contents will vary, and the course may focus on methodology and case studies, or on particular themes, historical periods, or artistic or literary genres. No knowledge of Greek or Latin is required. (Same as WGS 515.) Prerequisite: Graduate status, or 6 credit hours in Classics, Greek, Latin, or Women, Gender and Sexuality Studies; or permission of instructor. LEC.

CLSX 516. Gender and Sexuality in Roman Culture. 3 Hours. H.
This course explores various approaches to the study of gender and sexuality in Roman antiquity. Contents vary, and the course may focus on methodology and case studies, or on particular themes, historical periods, or artistic or literary genres. No knowledge of Greek or Latin is required. (Same as WGS 516.) Prerequisite: Graduate status, or 6 credit hours in Classics, Greek, Latin, or Women, Gender and Sexuality Studies; or permission of instructor. LEC.

CLSX 525. Aegean Archaeology and Art. 3 Hours. H/W.
An interdisciplinary survey of the major cultures of the prehistoric Aegean (Greek) world from the Neolithic period to the end of the Bronze Age (ca.
3000-1100 B.C.E.), with special emphasis on the cultural and artistic achievements of the Mycenaeans, Minoans, and Cycladic islanders, including their contacts with the neighboring cultures of Anatolia (Hittites and Troy), the Levant, Egypt, and South Italy. Includes lecture with slides and discussion. For advanced undergraduates with backgrounds in the humanities and for graduate students (especially in Classics and History of Art). No knowledge of Greek or Latin is required. (Same as HA 525.) LEC.

CLSX 526. Greek Archaeology and Art. 3 Hours. H/W.
An interdisciplinary survey of the material culture of the ancient Greek world from the Protogeometric period to the end of the Hellenistic age (ca. 1100 - 30 B.C.E.), with emphasis on the major sites, monuments, and changing forms of social and artistic expression (e.g., architecture, sculpture, vases, painting). Includes lectures with slides and discussion; use of the Wilcox Museum of Classical Antiquities. For advanced undergraduates with backgrounds in the humanities and for graduate students (especially in Classics and History of Art). No knowledge of Greek or Latin is required. (Same as HA 526.) LEC.

CLSX 527. Roman Archaeology and Art. 3 Hours. H/W.
An interdisciplinary survey of the material culture of ancient Rome from its origins to the late empire (8th c.B.C.E. - 4th c.C.E.). Emphasis on major sites, monuments, and changing forms of social and artistic expression, as well as on Etruscan and Greek influence on Rome and Rome’s influence on its provinces. Includes lectures with slides and discussion; use of the Wilcox Museum of Classical Antiquities. No knowledge of Greek or Latin is required. For advanced undergraduates with backgrounds in the humanities and for graduate students (especially in Classics and History of Art). (Same as HA 537.) LEC.

CLSX 529. Archaeology and Art of the Ancient Near East. 3 Hours. H.
A cross-cultural survey of the material remains of the major civilizations of the ancient Near East, including Anatolia, Mesopotamia, the Levant, and Egypt from Neolithic period to the rise of the Roman empire (ca. 6000 B.C.E. - 30 B.C.E.). Includes lectures with slides and discussion. For advanced undergraduates with backgrounds in the humanities and for graduate students (especially in Classics and History of Art). No knowledge of Greek or Latin is required. (Same as HA 529.) LEC.

CLSX 538. Pompeii and Herculaneum. 3 Hours. H.
An interdisciplinary treatment of the art and archaeology of the ancient Roman cities of Pompeii and Herculaneum in Italy. Emphasis on the structures and decorations of major public spaces and houses and on aspects of cultural, social, political, commercial, and religious life from the period of the second century B.C.E. to 79 C.E., when Pompeii and Herculaneum were buried by the eruption of Mt. Vesuvius. Slide lectures and discussion. (Same as HA 538, HWC 538.) Prerequisite: Graduate status, or 6 credit hours in Classics, Greek, Latin, History of Art, or permission of the instructor. LEC.

CLSX 550. Capstone in Classics. 1-3 Hours. AE61 / H.
This capstone seminar synthesizes various aspects in the discipline of Classics by focusing on recent award-winning scholarship or creative work in the field. Specific assignments and additional readings vary from one semester to another and will be stated on the instructor’s syllabus. Introductory knowledge of Greek or Latin is required. Prerequisite: 15 hours in CLSX/LAT/GRK at the 200 level or above, or status as a senior major in the department, or permission of the instructor. LEC.

CLSX 570. Study Abroad Topics in Greek and Roman Culture: _____. 1-3 Hours. H.
This course is designed for the study of special topics in Classics at the junior/senior level. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

CLSX 575. Readings in: ____. 1-3 Hours.
Selected readings in Greek and Roman antiquity and the classical tradition for students who desire special work on a flexible basis. No knowledge of Greek or Latin is required. May be repeated for credit if topic varies. Only six hours may count toward the major. Prerequisite: Consent of instructor. LEC.

CLSX 576. Topics in Greek and Roman Literature: ____. 3 Hours. H.
Lecture and discussion course focusing on a theme, genre, or period of literature from the ancient classical world. No knowledge of Greek or Latin is required. May be repeated for credit if topic varies. Only 6 hours may count toward the major. LEC.

CLSX 577. Topics in the Archaeology and Art of the Ancient Mediterranean: ____. 3 Hours. AE61 / H.
Lecture and discussion course focusing on a theme, genre, or period in the archaeology and art of the ancient Near Eastern and classical world. May be repeated for credit if topic varies. Only 6 hours may count toward the major. LEC.

CLSX 675. Studies in: ____. 1-3 Hours. H/W.
Selected readings in Greek and Roman antiquity and the classical tradition for students who desire special work on a flexible basis. No knowledge of Greek or Latin is required. May be repeated for credit, the maximum being twelve hours. Prerequisite: Consent of instructor. IND.

CLSX 717. Investigations in Greek Drama I. 3 Hours.
Attendance at CLSX 384 required, plus one seminar per week, discussing the scholarly background of the major lecture, as well as the problems and aims of teaching Greek drama in English to undergraduates. No knowledge of Greek is required. RSH.

CLSX 718. Investigations in Greek Drama II. 3 Hours.
A continuation of CLSX 717. Attendance at CLSX 388 plus one seminar per week. No knowledge of Greek is required. RSH.

CLSX 790. Practicum in the Teaching of Classics. 0.5 Hours.
Required of all assistant instructors and teaching assistants in the teaching of Classics courses. May be repeated up to three semester hours credit in total. FLD.

CLSX 899. Thesis. 1-6 Hours.
Thesis hours. THE.

GRK 104. Elementary Ancient Greek. 5 Hours. U.
The essentials of ancient Greek grammar, with readings. LEC.

GRK 105. Elementary Ancient Greek, Honors. 5 Hours. U.
The essentials of ancient Greek grammar, with readings. Prerequisite: Membership in the University Honors Program or permission of instructor. LEC.

GRK 108. Ancient Greek Readings and Grammar. 5 Hours. U.
A continuation of GRK 104, with extensive readings from one or more classical authors. Prerequisite: GRK 104 or GRK 105. LEC.

GRK 109. Ancient Greek Readings and Grammar, Honors. 5 Hours. U.
A continuation of GRK 105, with extensive readings from one or more classical authors. Prerequisite: GRK 104 or 105; and membership in the University Honors Program or permission of instructor. LEC.

GRK 112. Intermediate Ancient Greek. 3 Hours. U.
Systematic grammar review and selected texts from Plato and Euripides. Prerequisite: GRK 108 or GRK 109 or consent of instructor. LEC.

GRK 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Greek. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are
coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

**GRK 301. Philosophy and Oratory. 3 Hours. H/W.**
Systematic grammar review in conjunction with readings selected from Plato, Aristotle and the Attic orators, with attention to issues of interpretation and social and cultural history. Prerequisite: GRK 108 or GRK 109. LEC.

**GRK 302. Drama and Lyric Poetry. 3 Hours. H/W.**
Systematic grammar review in conjunction with readings selected from Aeschylus, Sophocles, Euripides, and the lyric poets, with attention to issues of literary interpretation and cultural history. Prerequisite: GRK 108 or GRK 109. LEC.

**GRK 303. Greek Narrative Prose. 3 Hours. H/W.**
Systematic grammar review in conjunction with readings selected from the historians Herodotus, Thucydides, and Xenophon, as well as from the Greek novels and the New Testament. Attention will be given to issues of interpretation and cultural history. Prerequisite: GRK 108 or GRK 109. LEC.

**GRK 310. Homer’s Odyssey. 3 Hours. H/W.**
Selections from Homer’s Odyssey, with attention to issues of literary translation and interpretation, performance, and social and cultural history. Prerequisite: GRK 301, or GRK 302, or GRK 303. LEC.

**GRK 312. Homer’s Iliad. 3 Hours. H/W.**
Selections from Homer’s Iliad, with attention to issues of literary translation and interpretation, performance, and social and cultural history. Prerequisite: GRK 301, or GRK 302, or GRK 303. LEC.

**GRK 375. Readings in: _____. 1-3 Hours. H/W.**
Readings in classical Greek texts. May be repeated for up to twelve hours. Prerequisite: GRK 108 or the equivalent. IND.

**GRK 496. Honors Essay in Greek. 3 Hours. AE61 / H/W.**
Individual directed research and preparation of an essay on a topic in Greek literature or language. Prerequisite: Eligibility for departmental honors and consent of essay advisor. IND.

**GRK 508. Early Greek Philosophy. 3 Hours. H/W.**
A study of the doctrines of Greek philosophy before Plato. Emphasis on the Pre-Socratic philosophers with some attention paid to the Sophists and the Hippocratic Corpus. (Same as PHIL 508.) Prerequisite: PHIL 384, or GRK 301, or GRK 302, or GRK 303, or GRK 310, or permission of instructor. LEC.

**GRK 701. Archaic Poetry. 3 Hours.**
Close reading of texts from Homer, Hesiod, Pindar, the lyric poets. LEC.

**GRK 702. Drama. 3 Hours.**
Close reading of texts from Aeschylus, Sophocles, Euripides, Aristophanes. LEC.

**GRK 703. History and Oratory. 3 Hours.**
Close reading of texts from Herodotus, Thucydides, Xenophon, Attic orators. LEC.

**GRK 704. Philosophy, 3 Hours.**
Close reading of texts from Plato, Aristotle, the Pre-Socratics. LEC.

**GRK 705. Readings in Classical Greek. 3 Hours.**
Extensive reading in a variety of Greek authors. LEC.

**GRK 790. Practicum in the Teaching of Greek. 0.5 Hours.**
Required of all assistant instructors and teaching assistants in the teaching of Greek. May be repeated up to three semester hours credit in total. FLD.

**GRK 798. Studies in: _____. 1-3 Hours.**
Selected readings for qualified students who desire special work on a flexible basis. May be repeated for credit, the maximum being twelve hours. Prerequisite: Undergraduate proficiency in Greek or equivalent. RSH.

**GRK 899. Thesis. 1-6 Hours.**
Graded on a satisfactory/unsatisfactory basis. THE.

**LAT 104. Elementary Latin I. 5 Hours. U.**
An introduction to the Latin language. LEC.

**LAT 105. Elementary Latin I, Honors. 5 Hours. U.**
Integrates study of elementary Latin with study of Roman culture. Prerequisite: Admission to Honors Program or permission of department. LEC.

**LAT 108. Elementary Latin II. 5 Hours. U.**
Latin grammar concluded with selected readings. Prerequisite: LAT 104 or LAT 105, or permission of department. LEC.

**LAT 109. Elementary Latin II, Honors. 5 Hours. U.**
Latin grammar concluded with selected readings, integrated with study of Roman culture. Prerequisite: LAT 105 or permission of department. LEC.

**LAT 112. Readings in Latin Literature. 3 Hours. U.**
Systematic grammar review in conjunction with selected prose authors, such as Cicero or Caesar, with additional readings in Roman poetry. Attention to literary history and historical context. Prerequisite: LAT 108 or LAT 109, or permission of department. LEC.

**LAT 113. Readings in Latin Literature, Honors. 3 Hours. U.**
Systematic grammar review in conjunction with selected prose authors, such as Cicero or Caesar, with additional readings in Roman poetry. Exercises in literary analysis and/or prose composition. Prerequisite: LAT 109 or permission of department. LEC.

**LAT 177. First Year Seminar: _____. 3 Hours. GE11 / U.**
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Latin. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

**LAT 200. Vergil’s Aeneid. 3 Hours. H/W.**
Selections from Vergil’s Aeneid, with attention to literary interpretation and literary history. Prerequisite: LAT 112 or LAT 113 or permission of department. LEC.

**LAT 201. Vergil’s Aeneid, Honors. 3 Hours. H/W.**
Selections from Vergil’s Aeneid with attention to literary interpretation and verse composition. Prerequisite: LAT 113 or permission of department. LEC.

**LAT 300. Intermediate Latin Composition. 3 Hours. H/W.**
Composition in Latin prose, stressing the basic principles of Latin syntax and style. Recommended for majors and minors. Prerequisite: LAT 200 or LAT 201. LEC.

**LAT 301. Prose Fiction and Epistolography. 3 Hours. H/W.**
Selected readings from such authors as Cicero, Seneca, Petronius, Pliny, and Apuleius, with attention to literary interpretation and historical context. Prerequisite: LAT 200 or LAT 201, or permission of department. LEC.

**LAT 302. Hexameter Poetry. 3 Hours. H/W.**
Selected readings from such authors as Lucretius, Vergil, Ovid, and the satirists, with attention to literary interpretation and historical context. Prerequisite: LAT 200 or LAT 201, or permission of department. LEC.
LAT 303. Roman Historians. 3 Hours. H/W.
Selected readings from such authors as Caesar, Livy, and Tacitus, with attention to issues in Roman history and historiography. Prerequisite: LAT 200 or LAT 201, or permission of department. LEC.

LAT 304. Lyric and Elegiac Poetry. 3 Hours. H/W.
Selected readings from such authors as Catullus, Horace, Tibullus, Propertius, Sulpicia, Ovid, and Martial, with attention to literary interpretation and historical context. Prerequisite: LAT 200 or LAT 201, or permission of department. LEC.

LAT 305. Roman Drama. 3 Hours. H/W.
Selected readings from such authors as Plautus, Terence, and Seneca, with attention to literary interpretation, theater history, and performance. Prerequisite: LAT 200 or LAT 201, or permission of department. LEC.

LAT 375. Readings in: ______. 1-3 Hours. H/W.
Readings in Latin literature, selected in consultation with the instructor. May be repeated for up to twelve hours. Prerequisite: LAT 200 or LAT 201, or consent of instructor. IND.

LAT 496. Honors Essay in Latin. 3 Hours. AE61 / H/W.
Individual directed research and preparation of an essay on a topic in Latin literature or language. Prerequisite: Eligibility for departmental honors and consent of essay advisor. IND.

LAT 700. Advanced Latin Prose Composition. 3 Hours.
An examination of the grammar, syntax, and style of the Latin language through exercises in composition. Prerequisite: Consent of instructor. LEC.

LAT 701. Hexameter Poetry. 3 Hours.
Close reading of texts from authors such as Lucretius, Vergil, Ovid, Statius. Prerequisite: Consent of instructor. LEC.

LAT 702. Lyric and Elegy Poetry. 3 Hours.
Close reading of texts from authors such as Catullus, Horace, Propertius, Tibullus, Sulpicia, Ovid, Martial. Prerequisite: Consent of instructor. LEC.

LAT 703. History, Oratory, Philosophy. 3 Hours.
Close reading of texts from authors such as Cicero, Livy, Seneca, Tacitus, Augustine. Prerequisite: Consent of instructor. LEC.

LAT 704. Drama, Satire, and Novel. 3 Hours.
Close reading of texts from Plautus, Terence, Horace, Petronius, Seneca, Juvenal, Apuleius. LEC.

LAT 705. Readings in Classical Latin. 3 Hours.
Extensive reading in a variety of Latin authors. LEC.

LAT 790. Practicum in the Teaching of Latin. 0.5 Hours.
Required of all assistant instructors and teaching assistants in the teaching of Latin. May be repeated up to three semester hours credit in total. FLD.

LAT 791. Seminar in the Teaching of Latin. 3 Hours.
An introduction to teaching required of all assistant instructors and teaching assistants. Topics to include: pronunciation, etymology, Latin style, testing methods, and the selecting of texts. LEC.

LAT 798. Studies in: ______. 1-3 Hours.
Selected readings for qualified students who desire special work on a flexible basis. May be repeated for credit, the maximum being twelve hours. Prerequisite: Undergraduate proficiency in Latin or equivalent. RSH.

LAT 899. Thesis. 1-6 Hours.
Graded on a satisfactory/unsatisfactory basis. THE.

Communication Studies Courses

COMS 104. Introduction to Communication Studies. 3 Hours. H.
Survey of the major areas of the Communication Studies field. Provides an overview of communication theory and research methods, and introduces key topics, approaches, and applications in core areas such as rhetoric, organizational communication, interpersonal communication, intercultural communication, and communication technology. LEC.

COMS 130. Speaker-Audience Communication. 3 Hours. GE22 / U.
Study of rhetorical theory and its application to the preparation, presentation, and criticism of oral discourse in audience situations. Special consideration of listening behavior and of the ethical conduct of speech in a free society. This course fulfills the College argument and reason requirement. LEC.

COMS 131. Speaker-Audience Communication, Honors. 3 Hours. GE22 / U.
The study of rhetorical theory and its application to the preparation, presentation, and criticism of oral discourse in audience situations. Special consideration of listening behavior and of the ethical conduct of speech in a free society. This course fulfills the College argument and reason requirement. This is an honors section of COMS 130 open only to students in the Honors Program. LEC.

COMS 132. Oral Communication for the Professional Schools. 3 Hours. GE22 / H.
Grounded in communication theory, the purpose of this new course is to teach public speaking skills within a professional context. Focus is on the preparation, presentation, and critique of various forms of oral communication, including but not limited to informative, persuasive, and group presentations. Course is restricted to students in the professional schools. LEC.

COMS 150. Personal Communication. 3 Hours. U.
This course is an introduction to communication theory, process, and skill. The course seeks to increase the student’s understanding of communication theory, both interpersonal and public, and of his or her own communicative behavior. Class projects and participation urge students to apply this theoretical knowledge to a variety of settings, including interpersonal and addressing groups and audiences. This course does not fulfill the College argument and reason requirement. Not open to those who have credit in COMS 130. LEC.

COMS 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Communication Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

COMS 201. Introduction to Leadership. 2 Hours. H.
This course introduces students to the study of the leadership process. The course covers theories and research on core themes of leadership, focusing on how course materials relate to students’ own leadership experiences. This course is taught online. Concurrent enrollment in COMS 202 is recommended. Students considering the Leadership Studies Minor must complete COMS 202. Not open to seniors. LEC.

COMS 202. Introduction to Leadership Applications. 1 Hour. AE51 / H.
This course focuses on the application of information learned in COMS 201. Activities and discussions emphasize application, analysis, and engagement with the process of leadership. Concurrent enrollment in COMS 201 is recommended. Students considering the Leadership Studies Minor must complete COMS 201 and COMS 202. Not open to seniors. Prerequisite/co-requisite: COMS 201. LEC.
COMS 210. Communication in Organizational and Professional Contexts. 3 Hours. S.
Introduces foundational concepts in organizational communication, focusing on topics such as subordinate-relationship, information- and feedback-seeking, relationships with stakeholders, and dealing with organizational change. The course emphasizes individual communication practices and responsibilities that contribute to organizational outcomes and personal success in organizations. LEC.

COMS 230. Fundamentals of Debate. 3 Hours. GE11 / U.
Introduction to the principles of debating. Emphasis on debating techniques, analysis of the question, methods of using evidence, refutation, and brief making. This course fulfills the College argument and reason requirement. LEC.

COMS 231. Practicum in Forensics. 1 Hour. U.
For students selected by faculty supervisor for work on university debate squad. Students to enroll at time of their selection. Recurring enrollments permitted. FLD.

COMS 232. The Rhetorical Tradition. 3 Hours. HR / H.
Historical survey of theories of communication and persuasion, the people who produced them, and the philosophical assumptions upon which they rest. Beginning with the Greeks, especially Plato and Aristotle, and ending with selections from Kenneth Burke and other contemporary figures, the course focuses on changing concepts of rhetoric throughout a time span of some 2000 years. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 235. Introduction to Rhetoric and Social Influence. 3 Hours. HL GE11 / H.
This course examines in detail the texts of speeches and essays on controversial issues in order to illustrate the varied forms of rhetorical action and the diverse modes of analysis and evaluation that can be applied to them. Examples are drawn from the rhetorical literature of contemporary U.S. speakers and prose writers. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 238. Cases in Persuasion. 3 Hours. H.
An exploration of basic principles that explain the effect and effectiveness of the arts of persuasion currently practiced in American society. Class discussions of incidents leading to the discovery of principles and theories that explain them. Continuing emphasis on issues concerning the ethical character of persuasion in contemporary life. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 244. Introduction to Interpersonal Communication Theory. 3 Hours. SI GE3S / S.
Examines basic theoretical perspectives and research on verbal and nonverbal communication elements affecting communication between individuals in a variety of contexts. Topics include communication competence, developmental aspects of interpersonal communication, and interpersonal influence. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 246. Introduction to Intercultural Communication. 3 Hours. S.
This course attempts to provide an understanding of communication as it affects culture and as it is affected by culture. Special emphasis will be placed on the principle of similarity and differences as it relates to the roles of verbal and non-verbal symbols, codes, and cues, stereotypes, prejudices and value and thought patterning systems between and among cultures. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 307. Introduction to Political Communication. 3 Hours. S.
The primary goal of this course is to encourage critical engagement in politics and political campaigns. This course addresses various elements of political communication, with primary focus on the political campaign. By the end of the semester students are able to understand the relevant theories of political communication, evaluate and use critical thinking skills in consuming political messages, and grasp the complex structural and situational factors that influence political discourse. Prerequisite: COMS 130. LEC.

COMS 310. Introduction to Organizational Communication. 3 Hours. SC GE3S / S.
This course provides a foundation for the study of communication in organizational contexts. It introduces students to various organization theories including classical, human relations, systems, and cultural approaches and examines the role of communication in each. Information flow, communication climate, communication networks, work relationships and managerial communication are discussed as well as organizational symbolism, conflict resolution, rituals and ethics. The course is designed to heighten students’ awareness of the role of communication in the organizing process and to develop their abilities to diagnose and prevent communication-related problems. Prerequisite: COMS 130 or COMS 150. LEC.

COMS 330. Effective Business Communication. 3 Hours. S.
The purpose of this course is to develop effective written, spoken, and electronically mediated communication skills necessary for business. Students will write short technical reports, plan meetings and conferences, prepare and present briefings and persuasive proposals with visual aids, and examine the use of new communication technologies. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 331. Persuasive Speaking. 3 Hours. H.
Guided experiences in the preparation and presentation of discourse intended to influence outcomes of human interactions in various speaker-audience situations, including television. Special emphasis on speech styles in influencing thought, attitudes, and behavior. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 335. Rhetoric, Politics and the Mass Media. 3 Hours. H.
This course investigates the ways in which rhetorical strategies (persuasive and linguistic usage) permeate the relationship between politics and politicians and the mass media. We will analyze media coverage of political debates, the presidential use of radio, television and press conferences, and the network evening news coverage of political events to see how political decisions are influenced by and influence the media. (Same as POLS 521.) Prerequisite: COMS 130 or COMS 150. LEC.

COMS 342. Problem-Solving in Teams and Groups. 3 Hours. S.
This course introduces basic concepts important to leading and/or participating in problem-solving work teams. Problem identification and analysis and leadership are emphasized and practiced. Teamwork variables are discussed and promoted. Lecture, demonstrations, exercises in class are structure for students to analyze groups outside of class. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.
COMS 344. Relational Communication. 3 Hours. S.
This course studies communication issues, theories, research and skills applicable to sustaining and enriching long-term relationships, such as families, friendships and close workplace collaborations. Emphasis is given to applying course concepts to students' own relationships and interaction in class. Prerequisite: COMS 244. LEC.

COMS 356. Introduction to Behavioral Research Methods in Communication. 3 Hours. GE12 / S.
An introduction to the nature of theory and theory building in the study of human communication. Research methods include experimentation, survey, content analysis, and field description. An introduction to statistics and statistical tests is included as well. Prerequisite: MATH 101 and admission to the Communication Studies major or consent of instructor. LEC.

COMS 410. Micro-Level Organizational Communication. 3 Hours. S.
An examination of dyadic level communication in organizations, with emphasis on contexts of superior-subordinate and peer communication. The course also addresses contexts of organizational entry and exit, perception and judgment, information seeking, feedback, and organizational attachment. Prerequisite: COMS 310. LEC.

COMS 411. Marco Level Organizational Communication. 3 Hours. S.
An exploration of the communication patterns and challenges between organizational groups and organizations as a whole. Key elements include networks, boundary spanning, inter-organizational collaboration, and the role of technology in linking large organizational components. Prerequisite: COMS 310 or instructor permission. LEC.

COMS 412. Communication in Distributed Organizations. 3 Hours. S.
Examination of the communication challenges faced by distributed organizations, especially those with a global presence. Topics include telework, virtual terms, and new processes required to support interaction among people located in several different places. Prerequisite: COMS 310 or permission of instructor. LEC.

COMS 420. Communication, Technology and Globalization. 3 Hours. H.
Examines the social, cultural, and economic challenges and opportunities advanced communication technologies and globalization pose to processes such as democratic deliberation, urban governance, and environmental sustainability. Prerequisite: COMS 130. LEC.

COMS 425. Communication and the American Presidency. 3 Hours. H.
Examination of the ways in which American presidents communicate with the American people and how such communication influences the public. Emphasis is on a number of approaches to better understanding presidential communication, including rhetorical, historical, and content analysis. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 431. Communication and Leadership. 3 Hours. H.
This course provides an overview of the role of communication in leadership in a variety of contexts, including: interpersonal, small group, intercultural, organizational, and public sphere. It will include theoretical and experiential approaches to effective leadership communication. Prerequisite: Admission to Leadership Minor or consent of instructor. LEC.

COMS 435. Forms and Styles of American Public Discourse. 3 Hours. H.
Changing styles of public discourse are examined from the beginning of the nation to contemporary times, and the generic forms of address that have emerged from our national dialogue, such as jeremiads, inaugurals and apologies, are studied from a formistic perspective. Prerequisite: COMS 235. LEC.

COMS 440. Communication and Gender. 3 Hours. AE41 / S.
Focuses attention on the relationship between communication and gender, including both physical and psychological dimensions. Topics include: sex role orientations and stereotypes; perceived and actual differences in verbal and nonverbal communication behaviors; the influence of gender on communication in a variety of contexts. (Same as WGSS 440.) Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 441. Health Communication. 3 Hours. H.
This course is a survey of the many disciplines found in the field of health communication, including persuasion that targets health-related behavior, negotiation of treatment with health care providers, emotional support of patients, news media coverage of medical research, and health campaign principles. Prerequisite: COMS 130. LEC.

COMS 447. Intercultural Communication: The Afro-American. 3 Hours. AE41 / H/W.
An examination of the barriers to effective communication between black Americans and non-black Americans. (Same as AAAS 420.) Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 450. Ethical Issues in Political Communication. 3 Hours. H.
Application of ethical standards to the evaluation of political communication. Examination of value questions related to advocacy in modern society (propaganda, demagoguery, credibility). Analysis of First Amendment rights and other issues pertaining to censorship and freedom of speech (defamation, dissent, incitement, public morals, privacy). Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 453. Communication in Political Campaigns. 3 Hours. H.
This course examines political communication as it evolves throughout a political campaign and includes such topics as theories and strategies, stages in political campaigns, influence of the mass media, television advertising, candidate debates, polling, and the use of new technologies in delivering campaign communication. Selected examples from recent campaigns illustrate the strategies and effects of political communication as we examine how politicians persuade us to vote for them. Prerequisite: A course in communication studies. LEC.

COMS 459. Undergraduate Seminar in: ____. 1-3 Hours. H.
Course organized any given semester to study particular subject matter or to take advantage of special competence by an individual faculty member. Topics change as needs and resources develop. Class discussion, readings, and individual projects. (Distribution credit given for two or three hours only.) LEC.

COMS 460. Undergraduate Seminar in: ____. 1-3 Hours. S.
Course organized any given semester to study particular subject matter or to take advantage of special competence by an individual faculty member. Topics change as needs and resources develop. Class discussion, readings, and individual projects. (Distribution credit given for two or three hour enrollments only.) LEC.

COMS 485. Communication and Organizational Change. 3 Hours. S.
Examines communication processes that support or hinder implementation of organizational change. Topics include stakeholder analysis, individual responses to change, communicating about change, generating support for change, and managing resistance to change. LEC.

COMS 496. Capstone in: _____. 3 Hours. S.
In the capstone course students synthesize and apply knowledge and skills gained through the major. Capstone coursework requires students to integrate practices and theories learned in their areas of concentration. Topics within each concentration change as needs and resources develop. Prerequisite: Senior standing, COMS 130, and completion of COMS 235 and COMS 356 or concurrent enrollment. LEC.
COMS 497. Honors Seminar. 3 Hours. AE61 / H.
This course is intended for honor students who want to learn more about the history of communication studies, major areas of research, or more in-depth knowledge about special communication-related topics. Areas to be covered may change as needs and resources change. LEC.

COMS 498. Honors Thesis. 2-6 Hours. AE61 / H.
(Six hours maximum credit, which may be distributed through two semesters.) Study should include readings directed toward original research, i.e., an intensive investigation of a specific problem in this field. Prerequisite: Consent of the Department Honors Committee. IND.

COMS 499. Directed Study in Communication Studies. 1-3 Hours. H.
(A maximum of six hours of credit may be counted, with not more than four in a single area of study.) Investigation of a special topic or project selected by the student with advice, approval, and supervision of an instructor. Such study may take the form of directed reading, or special research, individual reports and conferences. (Distribution credit given for two-three hours only.) Prerequisite: At least seven hours of credit in the department and consent of instructor. IND.

COMS 503. Post-Soviet Communication. 3 Hours. H.
This course is designed to acquaint students with the shifting manner of public discourse in Post-Soviet Russia and help them to explore in some depth cross-cultural communication between America and Russia. In addition to contemporary and historical background on Russian communicative practices, students examine discourse in business development, mass media, marketing, and advertising. All readings in English. (Same as SLAV 503). LEC.

COMS 530. Internship in Communication Studies. 1-3 Hours. AE61 / S.
Students do communication-centered fieldwork in an organization related to their career goals. Criteria for the organizations and work assignments suitable for internship credit are in an information brochure available at the COMS Department office and website. The internship plan is developed with field supervisor and internship faculty adviser. Reports and meetings are required. Prerequisite: Permission of instructor, admission to COMS major. FLD.

COMS 531. Seminar in Leadership Strategies and Applications. 3 Hours. H.
This seminar serves as the capstone course for the Leadership Studies minor. It includes advanced readings on leadership theory and practice, as well as major written and applied projects in which students integrate and demonstrate what they have learned in the program. Prerequisite: COMS 201, COMS 431, and admission to the Leadership Studies minor. LEC.

COMS 532. Leadership Studies Practicum. 1-3 Hours. AE61 / U.
Students engage in a variety of training programs and field experiences in which they learn about leadership, observe leaders in action, and involve themselves in leadership activities. Written assignments and group discussions are used to analyze their learning. Should be taken for a total of three credit hours, across more than one semester. Prerequisite: COMS 201 and admission to the Leadership Studies minor. FLD.

COMS 535. American Public Address, Puritans to 1900. 3 Hours. H.
A history of American public address from the Puritans to about 1900. Using the tools of rhetorical criticism, students describe, analyze, and evaluate select rhetoric from the period. Graduate students are assigned extra reading and a research paper. Prerequisite: COMS 235. LEC.

COMS 536. American Public Address, 1900-Present. 3 Hours. H.
A history of American public address from 1900 to the present. Using the tools of rhetorical criticism, students describe, analyze, and evaluate
COMS 549. Communication in Service and Sales. 3 Hours. S.
This course will deal with communication between organizational personnel and their customers or clients. Case studies and research concerning communication behaviors of service providers and salespeople will be covered. Prerequisite: COMS 310. LEC.

COMS 551. The Rhetoric of Black Americans. 3 Hours. H/W.
A study of the rhetoric of black Americans, from their earliest protest efforts to the contemporary scene, with focus on the methods and themes employed to alter their status in American society. (Same as AAAS 534.) Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 552. The Rhetoric of Women’s Rights. 3 Hours. AE41 / H.
An analysis of the theories and rhetorical strategies of the women’s rights movement in America. The course will view the struggle for women’s rights from a historical perspective and will conclude with contemporary issues concerning the role of women in society. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 554. Rhetoric of Popular Culture. 3 Hours. H.
A study of the social and cultural importance of popular culture. Emphasis is on using rhetorical analysis and a number of important theoretical perspectives to help examine popular culture’s often unnoticed influence. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 555. Family Communication. 3 Hours. S.
An examination of trends and theory related to the scientific study of the family, with a focus on issues related to family interaction, functioning, relationships, and communication. Research and theories from communication, sociological, and psychological perspectives are employed to examine topics such as family violence, mental health problems, marital satisfaction, divorce, courtship, and the impact of the family on its children (and vice versa). Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 557. East Asian Communication. 3 Hours. S.
Explores the major communication theories and research in the East Asian cultural contexts by focusing on the Chinese, Japanese, and Korean cultures. Examines, from a broader perspective, certain cultural values (e.g. harmony, hierarchy, conservatism, and modernism) upheld in East Asian cultures and their influences on people’s communicative behaviors in an age of globalization. Students explore issues of history, identity, verbal and non-verbal symbols, stereotypes, prejudice, values and thought patterning systems in the East Asian cultural context from a communicative perspective. This course is designed as a bridge course and meets with a graduate level section of the same title. Prerequisite: COMS 246. LEC.

COMS 559. Seminar in: ____. 1-3 Hours. H.
Course organized any given semester to study particular subject matter or to take advantage of special competence by an individual faculty member. Topics change as needs and resources develop. Class discussion, readings, and individual projects. (Distribution credit given for two-three hours only.) LEC.

COMS 560. Seminar in: _____. 3 Hours. S.
Course organized any given semester to study particular subject matter or to take advantage of special competence by an individual faculty member. Topics change as needs and resources develop. Class discussion, readings, and individual projects. (May be repeated for credit if content varies.) LEC.

COMS 590. Nonverbal Communication. 3 Hours. S.
Examination of non-linguistic behavior in human communication, including proxemics (spacing), kinesics (movement and expression), and paralinguistics (voice quality). Includes phylogenetic and developmental perspectives, methods of analysis, applications to interpersonal problems. (Same as PSYC 590.) Prerequisite: COMS 356 or PSYC 210 or PSYC 211. LEC.

COMS 603. Topics in Presidential Rhetoric: _____. 3 Hours. H.
This course involves an examination of presidential rhetoric, including a focus on the strategies present in presidential discourse, the function that this rhetoric serves, and the historical context in which it was presented. One or more important presidential rhetors will be covered each semester. This course can be repeated for credit if taken under a different topic. LEC.

COMS 605. Speech Writing. 3 Hours. H.
Emphasis is on actual practice in preparing speech manuscripts for oneself and others. Model speeches are examined to better understand language, evidence, and stylistic choices available to speech writers. The ethical dimensions of writing for others in corporate and political positions are stressed. Students are required to prepare a variety of speeches and analyses of others’ speeches. Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

COMS 607. Political Communication. 3 Hours. H.
This course will focus on contemporary political communication theory and illustrate how such theories are exemplified in modern political contexts: political arguments and developing consensus, constitutional issues and hearings, the rhetorical presidency, the dissemination of political information, and political uses of definition. (Same as POLS 520.) Prerequisite: COMS 130 or COMS 150. LEC.

COMS 620. Communication and New Technology. 3 Hours. S.
This course explores the impact of new communication technology on individuals and groups in various contexts. Topics include: The development of computer-mediated communication, social and psychological impacts of new communication technology, the evolution of telework and advances in interactive telecommunications. LEC.

COMS 639. Legal Communication. 3 Hours. S.
An analysis of how communication principles and theories operate within the context of the legal system. Topics covered will include the lawyer/client interview, depositions and pre-trial discovery, settlement negotiation, jury selection, opening and closing statements, and witness testimony. Prerequisite: COMS 130 or COMS 150. LEC.

COMS 647. Issues in Intercultural Communication. 3 Hours. S.
Examination of the processes and factors affecting communication in an intercultural context, and of methods of training for intercultural communication roles. Prerequisite: COMS 547 and an introductory course in anthropology, or consent of instructor. LEC.

COMS 656. Mass Media: Social Science Applications. 3 Hours. S.
This course introduces students to the major theories of and prominent research in mass communication. The aim is to stimulate critical thinking about the content and effects of mass communication, develop critical consumption skills, and enhance awareness of public policy issues relating to the media. Students are required to read a variety of chapters and articles on mass communication, promoting independent investigation into specific areas of interest. This course is a bridge course and meets with a graduate level section of the same title. Prerequisite: COMS 356. LEC.

COMS 667. Interpersonal Communication in Multinational Organizations. 3 Hours.
A study of interpersonal communication in management and professional development in intercultural situations. Focus on preparation of the global manager or professional in the organizational environment. Special attention to the problems and challenges of intercultural interactions in the context of multinational organizations. LEC.
COMS 669. Human Conflict and Peace. 3 Hours. H.
Study of religious, cultural, and social traditions toward understanding the nature and purposes of human conflict. Analysis of various meanings of peace, with emphasis on study of nonviolent approaches to management of conflict. Class discussion, readings, and individual research projects. (Same as REL 669.) Prerequisite: Junior standing or above. LEC.

COMS 710. Survey of Theory and Research in Organizational Communication. 3 Hours.
This course examines the theoretical and philosophical underpinnings of organizational communication research. Course topics cover variable analytic traditions and systems theory, as well as cultural, critical, and various interpretive approaches to understanding communication in organizational contexts. Prerequisite: COMS 310 and permission of the instructor. LEC.

COMS 730. Writing and Speaking for Decision Makers. 3 Hours.
Theory and application of communication strategies for corporate communication. This course presents rhetorical analysis of organizational situations and audiences, focusing on corporate decision-makers. Included are informative and persuasive communications such as board presentations, requests for proposal and responses to RFPs, grant proposals, and persuasive presentations for adoption, implementation, or evaluation of organizational programs. Course is limited to Regents Center students only. LEC.

COMS 741. Special Topics in Communication Studies: _____ 2-3 Hours.
Examination of special topics in Communication Studies. Prerequisite: Instructor consent. LEC.

COMS 784. Proseminar in Communication and Aging. 1 Hour.
A weekly forum for students and faculty to discuss professional issues and interdisciplinary research in communication and aging. May be repeated for credit. (Same as PSYC 784.) (Same as SPLH 784.) Prerequisite: Consent of instructor. LEC.

COMS 787. Gerontology Proseminar. 3 Hours.
A proseminar coordinated by the Gerontology Center. The proseminar explores essential areas of gerontology for researchers and practitioners, providing a multidisciplinary (psychology, biology, sociology, and communication) perspective on aging. The proseminar surveys contemporary basic and applied research, service programs, and policy and management issues in gerontology. (Same as ABSC 787, AMS 767, PSYC 787, and SOC 767.) (Formerly HDFL 787.) LEC.

COMS 807. Rhetoric, Politics and the Mass Media. 3 Hours.
This course investigates the ways in which rhetorical strategies (persuasive and linguistic usage) permeate the relationship between politics and politicians and the mass media. We will analyze media coverage of political debates, the presidential use of radio, television and press conferences, the network evening news coverage of political events, the influence of political advertising to see how political decisions are influenced by and influence the media. LEC.

COMS 810. Organizational Communication: Theory and Research. 3 Hours.
This course examines the theoretical and philosophical underpinnings of organizational communication research. Course topics cover variable analytic traditions and systems theory, as well as cultural, critical, and various interpretive approaches to understanding communication in organizational contexts. Prerequisite: COMS 310 and permission of instructor. LEC.

COMS 835. Impression Formation and Interpersonal Behavior. 3 Hours.
Intensive investigation of the processes involved in impression formation and of the effects of established impressions upon interpersonal communication. (Same as PSYC 845.) Prerequisite: COMS 535 or PSYC 670. LEC.

COMS 844. Seminar in Interpersonal Communication. 3 Hours.
This class will address current theory and research in interpersonal communication. Issues addressed may include verbal or nonverbal communication in families, close relationships, initial interactions, and the like. LEC.

COMS 846. Communication and Aging. 3 Hours.
Examination of the interrelationship between communication and the aging process. The course will include current research and theory on such topics as intergenerational communication, language and age identity, age-stereotyping and communication, mass media and aging, age and health communication, and others of current interest in the field. LEC.

COMS 848. Communication Audits in Organizations. 3 Hours.
The principal thrust of this course is a hands-on analysis of the communication in 1-2 organizations. Students work as a consulting group to analyze dimensions of communication, communication channels, job satisfaction, organizational commitment, and communication strategies. Experience is gained in organizational research methods, instrument development, organizational analysis, feedback, and organizational development. LEC.

COMS 850. Introduction to Research Methods. 3 Hours.
An introduction to methodological approaches to the study of communication. Approaches considered will include (a) humanistic message analysis and evaluation; (b) ethnographic and observational techniques; (c) survey construction and execution; and (d) experimental design and procedures. Special focus on issues of validity, reliability, and ethics. LEC.

COMS 851. Communication Research: Historical and Descriptive. 3 Hours.
An introduction to types of historical and descriptive research in human communication. Library resources and methods of research will be covered. Emphasis will be placed upon preparing a research prospectus and upon writing the research report. LEC.

COMS 852. Communication Research: Experimentation and Quantitative Analysis. 3 Hours.
An introduction to the process of research in communication studies, including consideration of basic principles in research design, methods of observation and measurement, and the application of appropriate statistical techniques. LEC.

COMS 855. Qualitative Research Methods in Communication Studies. 3 Hours.
Study of strategies for describing communication behavior in particular contexts, emphasizing ethnography and specific observational and interview data gathering and analysis methods. Prerequisite: COMS 755 or equivalent. LEC.

COMS 856. Communication Research: Quantitative Analysis. 3 Hours.
An intermediate overview of statistical techniques commonly used in communication research. Content will include a review of univariate statistical tests such as t-test, correlation, chi-square, and other nonparametric techniques of data analysis. Additionally, factorial analysis of variance, multiple regression, and factor analysis will be covered, along
with the application of appropriate statistical techniques. Prerequisite: COMS 850 and an introductory course in statistics. LEC.

COMS 859. Proseminar in Communication Studies. 3 Hours.
An overview and integration of communication studies based upon an examination of selected basic writings in the discipline. LEC.

COMS 860. New Communication Technology and the Work Place. 3 Hours.
An examination of changes in the work place and for workers associated with new communication technologies such as e-mail, voice mail, teleconferencing, distributed computer processing, and computer-supported decision making. Emphasis is on changes in organizational communication patterns, participant responses to the technologies, and evaluation of the outcomes of implementing work place communication technologies. To be taken by Regents Center students. LEC.

COMS 898. Investigation and Conference (For Master's Candidates). 1-8 Hours.
(Limited to eight hours credit toward the M.A. degree.) Directed research and experimentation for M.A. students in some phase of speech science or the teaching of speech and drama. RSH.

COMS 899. Master's Thesis. 1-6 Hours.
Graded on a satisfactory/unsatisfactory basis. THE.

COMS 907. Seminar in Political Communication. 3 Hours.
This course will focus on contemporary political communication theory and illustrate how such theories are exemplified in modern political contexts; political arguments and developing consensus, communication strategies in Congressionnal and bureaucratic decision-making, the rhetorical presidency, the dissemination of political information, political narrative, and political campaigns. LEC.

COMS 930. Seminar in Speech: _____. 1-4 Hours.
Special problems in speech. Prerequisite: Twelve hours of credit in the department. LEC.

COMS 932. Theories of Rhetoric: Classical. 3 Hours.
An intensive study of the rhetorical theories of classical writers from 466 B.C. to the decline of Roman oratory. Principal emphasis will be on Isocrates, Plato, Aristotle, Quintilian, Cicero, and Longinus. LEC.

COMS 933. Theories of Rhetoric: Neo-Classical. 2-3 Hours.
A study of the development of rhetorical theory from 325 A.D. to the twentieth century. Notable departures from the classical tradition will be examined. Special concentration on the writings of Augustine and the tradition of medieval preaching. Alcuin, Ramus, Bacon, Campbell, Whately, Blair, John Quincy Adams, and the elocutionary movement. LEC.

COMS 936. Seminar in Language and Discourse. 3 Hours.
This seminar uses interdisciplinary readings to examine central theoretical questions regarding language and communication. The course moves from considering major theoretical positions to current research in communication on discourse. Methodological issues in the study of language and discourse are also addressed. LEC.

COMS 938. Seminar in Persuasion. 2-3 Hours.
Examination of selected topics in persuasion, with emphasis on the application of recent theories and experimental research to the analysis of persuasive discourse. Prerequisite: COMS 538 or equivalent. LEC.

COMS 939. Seminar in Argumentation. 2-3 Hours.
Examination of special problems in argumentation, with emphasis on the relationship of systems of argumentation to their philosophic presuppositions. Discussion of the writings of Toulmin, Natason, Johnstone, Perelman, Dewey. Prerequisite: COMS 539 or equivalent. LEC.

COMS 941. Seminar in Health Communications. 3 Hours.
This course is a survey of the many disciplines of study found in the field of health communication. Emphases include decision making regarding health-related behaviors, the influence of interpersonal messages, negotiating treatment with health care providers, coping with medical difficulties, the critical examination of medical research, news, and health campaigns, and the impacts of new technologies. SEM.

COMS 945. Seminar in Social Support. 3 Hours.
This course is a survey of the many disciplines of the fundamental form of communication known as social or emotional support or comforting. Emphases include message-, receiver-, and interactionally-oriented approaches, as well as support contexts, dilemmas, structures, features, and positive effects on physical and mental health. SEM.

COMS 946. Seminar in Communication and Intergroup Relations. 3 Hours.
Conceptual and theoretical frameworks for exploring and understanding relations between individuals from different societal groups (e.g., cultural/ ethnic, gender, age). Focus on issues of identity, power relations as manifested in interpersonal, mass media, and organizational contexts. The course will include methodological and applied implications for studying different groups, both within the USA and around the world. LEC.

COMS 947. Communication in Cultural Innovation and National Development. 3 Hours.
An examination of the role of speech and other types of communication in the introduction of change within cultures and the diffusion of innovation between cultures. Specific communication problems concerning agriculture, education, international aid, military assistance, and public health will be discussed. LEC.

COMS 948. Seminar in Organizational Communication. 2-3 Hours.
Analysis of speech communication functions in the organizational structures of business, industry, labor, military, education, government, and professional agencies. Development of conceptual schemes for conducting research and training programs on speech systems which characterize the operation of organized groups. LEC.

COMS 950. Seminar in Public Address: _____. 3 Hours.
The study of public address by historical periods or by topics. LEC.

COMS 951. Seminar in Movement Theory and Genre Criticism. 3 Hours.
This course examines the theoretical and methodological underpinnings of approaches to rhetorical analysis focusing on social movements and rhetorical genres. It will review existing theory on these topics, develop a methodological approach to both forms of critical analysis, and test each methodological approach via case studies. Prerequisite: COMS 755 or consent of instructor. LEC.

COMS 952. Seminar in Mythic and Narrative Approaches to Rhetorical Criticism. 3 Hours.
This course examines the theoretical and methodological underpinnings of approaches to rhetorical analysis focusing on narrative rhetoric, with a special emphasis on myth as a type of narrative. It will review existing theory on these topics, consider a number of alternative methodological approaches, and test each methodological approach via case studies. Prerequisite: COMS 755 or consent of instructor. LEC.

COMS 953. Seminar in Organizational Rhetoric. 3 Hours.
This course focuses on theoretical and methodological materials related to the use of rhetoric in an organizational setting. It will review existing theory and methodological development on this topic, paying special attention to the distinction between rhetoric used within an organization and rhetoric focused on audiences external to the organization. Multiple
case-studies will be considered to illuminate the functioning of both internal and external organizational rhetoric. Prerequisite: COMS 755 or consent of instructor. LEC.

COMS 955. Seminar in Rhetorical Criticism. 3 Hours.
A study of contemporary and historical writings on rhetorical criticism. Emphasis is placed upon the development of critical methodology for future research and writing. Prerequisite: COMS 755. LEC.

COMS 958. Comparative Theories of Speech Communication. 3 Hours.
A descriptive and comparative analysis of theories of communication applicable to speech behavior. Prerequisite: COMS 859 or equivalent. LEC.

COMS 959. Theories of Rhetoric: Contemporary. 3 Hours.
A study of the writings on rhetorical theory in the twentieth century. Principal emphasis will be on the psychological treatment of rhetoric. I.A. Richards and Kenneth Burke, and the relationship in the twentieth century between rhetoric and dialectic, rhetoric and poetic. Prerequisite: COMS 859 or equivalent. LEC.

COMS 997. Research in: ____. 1-6 Hours.
Supervised research under the direction of a faculty member on a topic of mutual interest to the faculty and graduate student. RSH.

COMS 998. Investigation and Conference (For Doctoral Candidates). 1-8 Hours.
(Limited to eight hours credit towards the Ph.D. degree.) Directed research and experimentation for Ph.D. students in some phase of speech science or the teaching of speech and drama. RSH.

COMS 999. Doctoral Dissertation. 1-12 Hours.
Graded on a satisfactory/unsatisfactory basis. THE.

East Asian LanguagesCultures Courses

CEAS 200. Topics in East Asian Studies: ____. 1-3 Hours. U.
An introductory interdisciplinary topics course addressing contemporary issues related to one or more East Asian countries. Format and content will vary. Does not count toward the EALC major or minor requirements unless otherwise indicated by EALC in the Schedule of Classes. LEC.

CEAS 500. Seminar in East Asian Studies: ____. 1-3 Hours. U.
An interdisciplinary seminar addressing contemporary issues related to one or more East Asian countries. Prerequisites to be determined by instructor(s) on the basis of course content. Does not count toward the EALC major or minor requirements unless otherwise indicated by EALC in the Schedule of Classes. LEC.

CEAS 700. Contemporary East Asia. 3 Hours.
This graduate seminar explores rapidly changing societies in contemporary East Asia, particularly China, Japan, and Korea. The course provides a critical overview of East Asia and its diversity and complexity using cross-cultural perspectives and interdisciplinary social science approaches, and situates East Asian societies in the context of globalization. LEC.

CEAS 802. Research Seminar. 3 Hours.
Students will work with the instructor and, when appropriate, an additional faculty advisor to design, research and write up a research paper on an East Asian topic of their choosing. Students enrolling in this course are expected to have taken a social science research methods class prior to taking this course and to apply those methods to the research process. A core course for the MA in Contemporary East Asian Studies. Prerequisite: Permission of the instructor. SEM.

CHIN 100. Elementary Conversational Chinese I. 3 Hours. U.
Three hours of class per week plus outside use of recorded text materials. Basic spoken language instruction intended primarily for beginners planning travel or work in China and Taiwan. Introduction to basic written characters. Does not fulfill College of Liberal Arts and Sciences foreign language distribution requirements or department major and minor requirements. LEC.

CHIN 101. Elementary Conversational Chinese II. 3 Hours. U.
Continuation of CHIN 100. Prerequisite: CHIN 100 or equivalent. LEC.

CHIN 102. Beginning Chinese I. 4 Hours. U.
Taught mainly in the summer, this course covers about 75% of the material in CHIN 104, upon which this course is modeled. LEC.

CHIN 104. Elementary Chinese I. 5 Hours. U.
Three hours of lecture and three hours of spoken drill each week. An introduction to spoken and written modern standard Chinese (Mandarin). Not open to students with native ability in Mandarin or Chinese dialect. Students who have any previous knowledge of Chinese must take a placement exam before enrolling in Chinese classes at K.U. Consult Department of East Asian Languages and Cultures for details. LEC.

CHIN 106. Elementary Chinese for Advanced Beginners. 3 Hours. U.
This course is designed for students who have already acquired some elementary Chinese language abilities (in high school or from family), but cannot be placed in CHIN 108, Elementary Chinese II. The course focuses on perfecting listening, speaking, reading and writing skills, and prepares students for CHIN 108. For admission to the class, students must take the EALC Chinese placement exam, be interviewed by designated instructors, and approved. LEC.

CHIN 108. Elementary Chinese II. 5 Hours. U.
Continuation of CHIN 104. Prerequisite: CHIN 101, CHIN 104, or equivalent. LEC.

CHIN 148. Intensive Elementary Chinese. 10-12 Hours. U.
An accelerated one semester course in elementary Chinese, covering the material of CHIN 104 and CHIN 108. Classes meet for two hours of lecture and one hour of drill daily. Emphasis on spoken language with grammar and readings in selected texts. No prerequisite. LEC.

CHIN 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Chinese. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

CHIN 204. Intermediate Chinese I. 5 Hours. U.
Continuation of CHIN 108. Three hours of lecture and three hours of spoken drill. Prerequisite: CHIN 108 or equivalent. LEC.

CHIN 206. Intermediate Chinese Conversation. 2 Hours. U.
Practice in speaking, presentation of prepared talks, and guided discussions. This course is primarily used to award transfer credit and does not fulfill any portion of the College of Liberal Arts and Sciences foreign language requirement. Prerequisite: CHIN 204 or equivalent. FLD.

CHIN 208. Intermediate Chinese II. 5 Hours. U.
Continuation of CHIN 204. Prerequisite: CHIN 204. LEC.

CHIN 251. Reading and Writing Chinese I. 1-3 Hours. H.
Designed for those who speak modern standard (Mandarin) Chinese but lack reading and writing skills. Focuses on acquiring knowledge of the Chinese writing system and preparing students for possible entry into advanced courses in Chinese, e.g. CHIN 504 (Advanced Modern Chinese I), or, after appropriate testing, for possible exemption from the College of Liberal Arts and Sciences foreign language requirement. Students should
take the online Chinese placement exam and consult with the Chinese Language Program Coordinator. Enrollment by permission of the Chinese Language Program Coordinator only. LEC.

CHIN 252. Reading and Writing Chinese II. 1-3 Hours. H.
Continuation of CHIN 251. Prerequisite: CHIN 251 or permission of the instructor. LEC.

CHIN 290. Accelerated Chinese. 3 Hours. U.
Instruction in reading and writing Chinese for students who already possess a degree of oral/aural proficiency. This course will prepare students for enrollment in CHIN 504, Advanced Modern Chinese I. No prerequisites. Consent of instructor required. LEC.

CHIN 342. Introduction to Classical Chinese. 3 Hours. H.
An introduction to Classical Chinese through detailed analysis of short original passages from a variety of early Chinese texts. Students gain a foundation in the grammar and vocabulary of Classical Chinese, preparing them for CHIN 544. The course is offered at the 300 and 500 levels, with additional requirements for students taking the 500 level. Prerequisite: A basic knowledge of Chinese characters (e.g. from CHIN 108 or JPN 108) and consent of the instructor, or CHIN 208 or JPN 208. Not open to students who have completed CHIN 542. LEC.

CHIN 386. Advanced Chinese Conversation. 2 Hours. U.
Guided discussions designed to increase fluency and further improve pronunciation. Prerequisite: CHIN 504 or equivalent. LEC.

CHIN 498. Directed Readings in Chinese. 1-4 Hours. H/W.
Readings in Chinese on a subject selected by a student with the advice and direction of the instructor. Individual meetings and reports. Prerequisite: Consent of instructor. IND.

CHIN 504. Advanced Modern Chinese I. 5 Hours. H/W.
Five hours of class and two of drill. Readings in selected modern Chinese literary texts and discussion in Chinese of recordings of stories and dramas. Prerequisite: CHIN 208 or equivalent. LEC.

CHIN 508. Advanced Modern Chinese II. 5 Hours. H/W.
Continuation of CHIN 504. Prerequisite: CHIN 504 or equivalent. LEC.

CHIN 512. Advanced Chinese I. 2 Hours. H/W.
Readings in modern Chinese texts on a variety of subjects and discussion in Chinese. Prerequisite: CHIN 218 or equivalent. LEC.

CHIN 513. Advanced Chinese II. 2 Hours. H/W.
Continuation of CHIN 512. Prerequisite: CHIN 512 or equivalent. LEC.

CHIN 542. Introduction to Classical Chinese. 3 Hours. H/W.
An introduction to Classical Chinese through detailed analysis of short original passages from a variety of early Chinese texts. Students gain a foundation in the grammar and vocabulary of Classical Chinese, preparing them for CHIN 544. The course is offered at the 300 and 500 levels, with additional requirements for students taking CHIN 542. Prerequisite: A basic knowledge of Chinese characters (e.g. from CHIN 108 or JPN 108) and consent of instructor, or CHIN 208 or JPN 208. Not open to students who have completed CHIN 342. LEC.

Classical Chinese is the language of the most famous works of Chinese philosophy and most Chinese literature before the twentieth century. The course introduces readings from a specific philosophical school or literary genre, for example: Confucian Philosophical Texts, Daoist Philosophical Texts, Poetry, Ming/Qing fiction, etc. Prerequisite: CHIN 342 or CHIN 542 or consent of the instructor. May be repeated for credit if content varies. LEC.

CHIN 562. Modern Chinese Texts I. 3 Hours. NW AE61 / H/W.
Readings and interpretation of varied modern Chinese texts. Continued study of the language in the form of oral discussion and written reports. Prerequisite: CHIN 504 or equivalent. LEC.

CHIN 564. Modern Chinese Texts II. 3 Hours. H/W.
A continuation of CHIN 562 with materials of increasing difficulty. Prerequisite: CHIN 562. LEC.

CHIN 580. Introduction to Chinese Research Materials. 1 Hour. U.
An introduction to basic reference works in Chinese and Western languages, including dictionaries, encyclopedias, concordances, and bibliographies. Library organization and research methods will also be discussed. (Five week course.) Prerequisite: CHIN 208 or equivalent. LEC.

CHIN 598. Readings in: ______. 1-3 Hours. H/W.
Students will read selections from materials on a given topic or topics. May be repeated for credit. Prerequisite: CHIN 564 or permission of instructor. IND.

CHIN 690. Seminar in Chinese Texts. 1-3 Hours. H/W.
Varying topics with varying prerequisites. LEC.

CHIN 801. Directed Readings and Research in Chinese. 1-4 Hours.
Advanced language training for the study of Chinese sources in the humanities or social science field of the student. Prerequisite: Consent of instructor. RSH.

CHIN 880. Advanced Chinese Research Materials. 2 Hours.
A detailed examination of various Chinese language reference works and research materials. Emphasis will be placed on the use of different types of reference works to carry out research strategies. Prerequisite: CHIN 504 or equivalent and CHIN 580. LEC.

EALC 105. Living Religions of the East. 3 Hours. HR/NW AE42/ GES3H / H/W.
A basic introduction to religion in India, China, and Japan with emphasis upon religions that affect the modern period. Not open to students who have taken REL 108/EALC 108. (Same as REL 106.) LEC.

EALC 108. Living Religions of the East, Honors. 3 Hours. HR/NW AE42/GE3H / H.
A basic introduction to religion in India, China, and Japan with emphasis upon religions that affect the modern period. Open only to students in the University Honors Program or by permission of instructor. Not open to students who have taken REL 106/EALC 105. (Same as REL 108.) LEC.

EALC 121. Introduction to Contemporary China. 3 Hours. NW AE42 / H.
An overview of contemporary Chinese culture and society since the economic reforms and opening up launched in 1978, through the study of changes in politics, the economy, society, culture and everyday life in China. The course is taught in English. No prior knowledge of Chinese language is required. LEC.

EALC 130. Myth, Legend, and Folk Beliefs in East Asia. 3 Hours. NW AE42 / H/W.
A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the traditional world view of the peoples of East Asia. (Same as ANTH 293, REL 130.) LEC.

EALC 131. Myth, Legend, and Folk Beliefs in East Asia, Honors. 3 Hours. NW / H/W.
A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the traditional world view of the peoples of East Asia. (Same as ANTH 293, REL 130.) LEC.

ECHN 342. Introduction to Classical Chinese. 3 Hours. H.
An introduction to Classical Chinese through detailed analysis of short original passages from a variety of early Chinese texts. Students gain a foundation in the grammar and vocabulary of Classical Chinese, preparing them for CHIN 544. The course is offered at the 300 and 500 levels, with additional requirements for students taking CHIN 542. Prerequisite: A basic knowledge of Chinese characters (e.g. from CHIN 108 or JPN 108) and consent of the instructor, or CHIN 208 or JPN 208. Not open to students who have completed CHIN 342. LEC.

ECHN 564. Modern Chinese Texts II. 3 Hours. H/W.
A continuation of CHIN 562 with materials of increasing difficulty. Prerequisite: CHIN 562. LEC.

ECHN 580. Introduction to Chinese Research Materials. 1 Hour. U.
An introduction to basic reference works in Chinese and Western languages, including dictionaries, encyclopedias, concordances, and bibliographies. Library organization and research methods will also be discussed. (Five week course.) Prerequisite: CHIN 208 or equivalent. LEC.

ECHN 598. Readings in: ______. 1-3 Hours. H/W.
Students will read selections from materials on a given topic or topics. May be repeated for credit. Prerequisite: CHIN 564 or permission of instructor. IND.

ECHN 690. Seminar in Chinese Texts. 1-3 Hours. H/W.
Varying topics with varying prerequisites. LEC.

ECHN 801. Directed Readings and Research in Chinese. 1-4 Hours.
Advanced language training for the study of Chinese sources in the humanities or social science field of the student. Prerequisite: Consent of instructor. RSH.

ECHN 880. Advanced Chinese Research Materials. 2 Hours.
A detailed examination of various Chinese language reference works and research materials. Emphasis will be placed on the use of different types of reference works to carry out research strategies. Prerequisite: CHIN 504 or equivalent and CHIN 580. LEC.

ECHN 105. Living Religions of the East. 3 Hours. HR/NW AE42/ GES3H / H/W.
A basic introduction to religion in India, China, and Japan with emphasis upon religions that affect the modern period. Not open to students who have taken REL 108/EALC 108. (Same as REL 106.) LEC.

ECHN 108. Living Religions of the East, Honors. 3 Hours. HR/NW AE42/GE3H / H.
A basic introduction to religion in India, China, and Japan with emphasis upon religions that affect the modern period. Open only to students in the University Honors Program or by permission of instructor. Not open to students who have taken REL 106/EALC 105. (Same as REL 108.) LEC.

ECHN 121. Introduction to Contemporary China. 3 Hours. NW AE42 / H.
An overview of contemporary Chinese culture and society since the economic reforms and opening up launched in 1978, through the study of changes in politics, the economy, society, culture and everyday life in China. The course is taught in English. No prior knowledge of Chinese language is required. LEC.

ECHN 130. Myth, Legend, and Folk Beliefs in East Asia. 3 Hours. NW AE42 / H/W.
A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the traditional world view of the peoples of East Asia. (Same as ANTH 293, REL 130.) LEC.

ECHN 131. Myth, Legend, and Folk Beliefs in East Asia, Honors. 3 Hours. NW / H/W.
A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the
world view of the ordinary peoples of East Asia in contrast to their more sophisticated systems of philosophy that are better known to the Western world. Open only to students in the University Honors Program or by permission of instructor. LEC.

EALC 136. The Japanese Tradition. 3 Hours. NW / H/W.
An examination of the cultural heritage of Japan from earliest times to Meiji Restoration. Emphasis will be placed upon Japan’s literary tradition. Not open to students with credit in EALC 512. LEC.

EALC 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in East Asian Languages and Cultures. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

EALC 198. Studies in: ____. 1-5 Hours. H.
Special purpose subject in East Asia and contiguous regions. LEC.

EALC 231. Introduction to: ____. 1-3 Hours. NW / H/W.
Topics are various aspects of Chinese and Japanese cultures. LEC.

EALC 298. Studies in: ____. 1-5 Hours. H.
Special purpose subject in East Asia and contiguous regions. LEC.

EALC 301. Cultural Traditions of China, Inner Asia, and Tibet. 3 Hours. NW / H.
This course acquaints the student with the broad outlines of the traditional cultures and literatures of China and the contiguous regions of Inner Asia and Tibet. Course materials include translations and discussions of oral tales, epics, poetry, novels, and biography, which explore the interaction between these regions and cultures as well as their continuities and disparities. The course is most appropriate for students with no background in Asian culture. LEC.

EALC 302. Cultural Traditions of Japan and Korea. 3 Hours. NW / H/W.
A wide-ranging examination of the similarities and difference between Japanese and Korean culture through folklore, literature, film, and other texts. Format: Lecture and discussion. Designed for students with no background in Asian culture. LEC.

EALC 310. The Chinese Novel. 3 Hours. H/W.
Reading and analysis of the form and types of Chinese novel, its beginnings and development to the present day. LEC.

EALC 312. Traditional Japanese Literature in Translation. 3 Hours. H/W.
A survey of the major works of Japan’s long literary heritage. Readings from such classics as the Tale of Genji, the world’s first novel, No drama, and poetry will acquaint the student with one of the world’s great literary traditions. (Not open to students with credit in EALC 712.) LEC.

EALC 314. Traditional Chinese Literature in Translation. 3 Hours. H/W.
A general survey of representative literary works of major genres in traditional China. Lectures, assigned readings, and discussions in English. A knowledge of Chinese is not required. (Not open to students with credit in EALC 714.) LEC.

EALC 315. Survey of Japanese Film. 3 Hours. NW AE42 / H.
This course surveys the major developments in and critical approaches to twentieth-century Japanese film. Focusing mostly on narrative films, the course introduces students to basic methodological issues in Japanese film history, especially questions of narrative, genre, stardom, and authorship. We examine Japanese cinema as an institution located within specific contexts focusing on the ways in which this institution shapes gender, race, class, ethnic and national identities. This course examines how patterns of distribution, exhibition, and reception have influenced film aesthetics and film style over the last century. Through secondary readings, lectures, and discussions students critically examine how Japanese cinema as an institution both responds to and intervenes in the social, cultural, and political history of twentieth century Japan. The course is offered at the 300 and 700 levels, with additional assignments at the 700 level. (Same as FMS 315.) LEC.

EALC 316. Modern Japanese Literature in Translation: 1868-1945. 3 Hours. AE42 / H/W.
A survey of major literary works of Japan’s modern era through the Pacific War. Topics include the social and spiritual challenges of modernization, urbanization, and the issues of race and national identity. Works by Soseki, Ogai, Akutagawa, Tanizaki, Kawabata, and others will be covered. This course is offered at the 300 and the 700 levels, with additional assignments at the 700 level. Not open to students who have completed EALC 716. LEC.

EALC 317. Contemporary Japanese Literature in Translation: 1945-Present. 3 Hours. AE42 / H/W.
A survey of major literary works of Japan’s post-war and contemporary eras. Topics include life during and after the war, the experience of the atomic bomb, and the postmodern landscape. Works by Dazai, Mishima, Oe, Abe, Murakami, and others will be covered. The course is offered at the 300 and 700 levels, with additional assignments at the 700 level. Not open to students who have completed EALC 717. LEC.

EALC 318. Modern Chinese Fiction and Film. 2-3 Hours. H/W.
A general survey of important Chinese fiction and film of the 20th century. Lectures, readings, and discussions in English. Knowledge of Chinese is not required. Not open to students with credit in EALC 518. This course is taught at the 300 and 500 levels with additional assignments at the 500-level. LEC.

EALC 319. Contemporary Chinese Fiction and Film. 3 Hours. H.
A general survey of important Chinese fiction and film from the late 20th century to the present. Lectures, readings, and discussions in English. A knowledge of Chinese is not required. (Not open to students with credit in EALC 519.) LEC.

EALC 320. Modern East Asia: Multiple Perspectives. 3 Hours. NW / H.
A survey of the major political changes in China, Japan, Korea and Tibet in the 20th century. Students will learn about the changes that swept through East Asia as it rapidly modernized via documentary films and lectures and will study the impact of these changes on individuals by reading autobiographies. LEC.

EALC 330. Chinese Literature and Culture: Premodern Times. 3 Hours. NW / H/W.
An examination of Chinese literature and culture from earliest times to the modern period. Not open to students who have taken EALC 530. This course is taught at the 300 and 500 levels with additional assignments at the 500-level. LEC.

EALC 331. Studies in: ____. 1-3 Hours. H/W.
Topics in the Chinese and Japanese cultures. LEC.

EALC 332. Asian Literature in Translation: ____. 3 Hours. NW / H/W.
Introduction to Asian culture and society through close reading and analysis of important works of Asian literature. Themes and issues to be focused upon will vary (e.g., traditional or modern literature of China, Japan, or Korea, and special topics of interest). Lecture and discussion format. Knowledge of Asian languages is not required. LEC.
EALC 333. Asian Literature in Translation, Honors: _____. 3 Hours. NW / H/W.
Introduction to Asian culture and society through close reading and analysis of important works of Asian literature. Themes and issues to be focused upon will vary (e.g., traditional or modern literature of China, Japan, or Korea, and special topics of interest). Lecture and discussion format. Knowledge of Asian languages is not required. Open only to students in the University Honors Program or by permission of instructor. LEC.

EALC 340. Structure of Chinese. 3 Hours. H.
A detailed study of the phonological and grammatical structure of Chinese and the interactions between language and culture. Depending on student interest, a unit on the pedagogy of teaching Chinese as a foreign language may also be included. Primarily for students who want a linguistic knowledge of the language rather than a practical command of it. Students taking the course at the 500 level will have more work required of them. LEC.

EALC 350. Contemporary Japan. 3 Hours. NW / U.
An exploration of the Japanese way of life, self-concepts, and world view through lecture, discussion, reading, and field trips to businesses, community organizations, and cultural sites. Offered only during the Summer Institute in Hiratsuka, Japan. LEC.

EALC 361. Colonial Korea. 3 Hours. H.
This course examines the history, society, and culture of Korea from the end of Choson dynasty through the Colonial period (1910-1945) in its East Asian and global context. The course uses a multi-disciplinary approach, including history, anthropology, literature, and film. Not open to students with credit in EALC 561. LEC.

EALC 362. Post-Colonial Korea. 3 Hours. H.
This course examines the history, society, and culture of South Korea from the time of its liberation from Japan in 1945 to the present in its East Asian and global context. The course uses a multi-disciplinary approach, including history, anthropology, literature, and film. Prerequisite: EALC 361 or EALC 561, or permission of the instructor. Not open to students with credit in EALC 562. LEC.

EALC 363. Gendered Modernity in East Asia. 3 Hours. H.
This course explores rapidly changing gender relationships and the sense of being "modern" in East Asia by examining marriage and family systems, work, education, consumer culture, and geopolitics. The class seeks to understand how uneven state control over men and women shapes desires, practices, and norms and how men and women act upon such forces. Avoiding biological or social determinism, this course treats gender as an analytical category and examines how modern nation-states and global geopolitics are constituted and operated. (Same as ANTH 363 and WGSS 363.) LEC.

EALC 364. Peoples of Japan and Korea. 3 Hours. NW / S/W.
An analysis of the cultural diversity and unity of the peoples of Japan and Korea. Emphasis on historical and ethological relationships, social structure, and ethics. (Same as ANTH 364.) LEC.

EALC 365. Japanese People through Films. 3 Hours. NW / S/W.
Japanese people’s culture and society through an extensive examination of both documentary and feature films. Readings from social science fields and literature will be used—the former to supply a theoretical framework for the study of Japanese people and the latter to further the inquiry into the individual sentiment motivating actions. (Same as ANTH 365.) LEC.

EALC 366. The Life Cycle in Japanese Culture and Literature. 3 Hours. NW / H/W.
A study of the Japanese people from birth to death: what it means to be born in a Japanese family, to grow up Japanese, and to die Japanese. Anthropological works and selections from Japanese literature and film will be used to examine ways in which Japanese people live through the critical periods in their life cycle. (Same as ANTH 366.) LEC.

EALC 368. The Peoples of China. 3 Hours. NW / S/W.
An analysis of the cultural origin, diversity, and unity of the peoples of China. Emphasis on historical development, social structure, cultural continuity and change, and ethics. (Same as ANTH 368.) LEC.

EALC 370. Chinese Folk Belief. 3 Hours. H/W.
A survey of the beliefs of the ordinary Chinese people throughout the centuries with regard to myths, the other world, festivals, and the gods. Prerequisite: A course dealing with China. LEC.

EALC 380. Popular Cultures of East Asia. 3 Hours. NW / H.
This course examines the contemporary popular cultures of Korea, Japan, China, and Taiwan, with particular emphasis on relations between East Asia and North America. Students study the issue of globalization and how the transnational flow of commodities and culture affects local societies and individual identities. They learn to identify, describe, and analyze the cross-cultural content of popular cultural artifacts and modes of expression relating to East Asia. To this end, they explore in detail such subjects as: fashion, foodways, cinema, manga, soap operas, and punk rock. Not open to students who have taken EALC 580. LEC.

EALC 410. The Culture of Play in Japan. 3 Hours. NW / N/W.
This course examines the phenomenon and manifestations of play in Japanese culture. Topics include but are not confined to: the philosophy of play, the semiotics of play, the places of play, the role of laughter, play in Japanese religion, simulation and performance, and play and competition. LEC.

EALC 411. The Culture of Play in Japan, Honors. 3 Hours. NW / N/W.
This course examines the phenomenon and manifestations of play in Japanese culture. Topics include but are not confined to: the philosophy of play, the semiotics of play, the places of play, the role of laughter, play in Japanese religion, simulation and performance, and play and competition. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

EALC 412. Visual and Literary Culture in Modern Japan. 3 Hours. H.
This course examines the interconnections between the evolution of modern Japanese literature and vision technologies such as painting, panoramas, magic lanterns, stereoscopes, photography, motion pictures, television, and computers. The course provides an overview of modern Japanese literature from the perspectives of the visual culture in which that literature was conceived. The course considers such authors as Higuchi, Soseki, Ogai, Shimazaki, Akutagawa, Tanizaki, Yokomitsu, Kawabata, and Abe. Not open to students who have completed EALC 612. LEC.

EALC 413. Asian Media Studies. 3 Hours. H.
This course examines new and emerging media in East Asia and how the media industries of East Asia function. Using recent scholarship and industry data on contemporary cyberculture, music studies, and television industries of East Asia we examine how such factors as globalization, post-colonialism, censorship, emerging technology, and national media legislation affect regional and transnational media industries in Japan, South Korea, and Mainland China/Taiwan/Hong Kong. (Same as FMS 413.) LEC.
EALC 415. Ancient China. 3 Hours. NW / H.
A survey of ancient Chinese culture to the Qin period. Major
archaeological discoveries and the literary tradition are taken as the
primary evidence through which a number of topics are introduced (for ex-
ample: environment, food, writing, art, thought, ritual). A knowledge of
Chinese is not required. The course is offered at the 400 and 600 levels,
with additional assignments at the 600 level. Not open to students who
have completed EALC 615. LEC.

EALC 418. Sexual Politics in Chinese Literature and Culture:
Premodern Times. 3 Hours. NW / H.
This course uses myth, literature, history, biography, and other documents
to discuss sexual politics in China from ca 1500 B.C.E. to the end of
the last dynasty in 1911. Topics include: emperors, empresses, and
consorts, polygamy, prostitution, love, yin and yang cosmology, the art of
the bedchamber, women's literature, and erotic literature. Recommended:
A course in East Asian studies. Not open to students who have taken
EALC 618. This course is taught at the 400 and 600 levels with additional
assignments at the 600-level. LEC.

EALC 420. Daily Life in China From the Opium War to the Present. 3
Hours. NW / H/W.
Daily life and issues of social and cultural interaction between China
and Western nations from the Opium War to the present. Fiction, travel
diary, historical sources, film, and personal accounts will make up course
materials. LEC.

EALC 431. Studies in: _______. 1-3 Hours. H/W.
Topics in the Chinese and Japanese traditions. LEC.

EALC 488. Senior Seminar in East Asian Languages and Cultures. 3
Hours. AE61 / H/W.
Open to seniors majoring in East Asian Languages and Cultures or by
consent of instructor. LEC.

EALC 498. Directed Readings in East Asian Languages and Cultures.
1-4 Hours. AE61 / H/W.
Readings in English on an East Asian subject, selected by a student with
the advice and direction of the instructor. Individual meetings and reports.
Prerequisite: ECIV 104 or ECIV 304 and consent of instructor. IND.

EALC 499. Honors Thesis. 3 Hours. AE61 / H/W.
Required of all students working for a degree with honors. May be
repeated for a total of nine semester hours. IND.

EALC 508. Religion in China. 3 Hours. NW AE42/GE3H / H/W.
Survey of religious thought and practice in China from the Shang to the
People's Republic. (Same as REL 508.) LEC.

EALC 509. Religion in Japan. 3 Hours. NW AE42/GE3H / H/W.
Survey of religious thought and practice in Japan from the Jomon period
to the present. (Same as REL 509.) LEC.

EALC 510. Education in Japan. 3 Hours. NW / N/W.
An investigation of the relationship between education and Japanese
national and cultural identity as expressed in conceptions of childhood:
philosophical and political positions underlying curricular and
administrative policies, teachers' training, and pedagogical styles; the
interface between education, "work," and the economy in general; and
the theme of "internationalization," (kokusaika). The course is taught in
English. LEC.

EALC 518. Modern Chinese Fiction & Film. 3 Hours. H.
A general survey of important Chinese fiction and film of the 20th century.
Lectures, readings, and discussions in English. Knowledge of Chinese is
not required. Not open to students with credit in EALC 318. This course is
taught at the 300 and 500 levels with additional assignments at the 500-
level. Prerequisite: An introductory East Asian studies course such as
ECIV 104 or ECIV 304 or EALC 105; or consent of instructor. LEC.

EALC 519. Contemporary Chinese Fiction and Film. 3 Hours. H.
A general survey of important Chinese fiction and film from the late 20th
century to the present. Lectures, readings, and discussions in English.
A knowledge of Chinese is not required. This course is taught at the 300
and 500 levels with additional assignments at the 500-level. Prerequisite:
An introductory East Asian studies course such as ECIV 104 or ECIV 304
or EALC 105; or consent of instructor. (Not open to students with credit in
EALC 319.) LEC.

EALC 520. Entrepreneurship in East Asia. 3 Hours. NW / H.
An intensive examination of the history and current status of
entrepreneurship in China, Japan, and other nations in East Asia.
This course investigates the role of entrepreneurs in Asian economic
development from the nineteenth century to the present, as well as the
relation between entrepreneurship and Asian cultural traditions. The
opportunities and challenges of entrepreneurship in East Asia today are
also considered. (Same as HIST 640.) LEC.

EALC 527. Asian Theatre and Performance. 3 Hours. NW / H/W.
A survey of traditional and modern theatre and performance in Asia, with
greatest attention given to India, China, and Japan. A study of plays,
dramatic genres, history, conventions of play production, and acting styles
and other performance forms. (Same as THR 527). LEC.

EALC 530. Chinese Literature and Culture: Premodern Times. 3
Hours. NW / H/W.
An examination of Chinese literature and culture from earliest times to
the modern period. This course is taught at the 300 and 500 levels with
additional assignments at the 500-level. Prerequisite: An introductory East
Asian studies course, such as ECIV 104 or ECIV 304 or EALC 105; or
consent of the instructor. Not open to students with credit in EALC 330.
LEC.

EALC 536. Cultural Traditions of Japan. 3 Hours. NW / H/W.
An examination of the major intellectual and aesthetic trends in Japanese
history. The course is designed to give teachers and professionals, as
well as students with a general interest in Japan, an overview of its unique
cultural tradition. Not open to students with credit in EALC 136. LEC.

EALC 541. Asian Film. 3 Hours. NW AE42 / H.
Seminar on various national film cultures of East and Southeast Asia.
Representative films are studied from formal, stylistic, and socio-historic
perspectives. Addresses the 12 impact of key cultural, economic, and
political issues on each film industry. Class discussion, reports, and
individual research papers. The course is offered at the 500 and 800
levels, with additional assignments at the 800 level. (Same as FMS 541.)
Prerequisite: Junior status. LEC.

EALC 543. Contemporary Japanese Film. 3 Hours. NW AE42 / H.
Seminar on the major developments in the contemporary (1980-present)
Japanese film industry examining how filmmaking practices and film
criticism have been influenced by such issues as transnationalism,
postcolonialism, critical race theory, postmodernism, and new media. We
survey recent industrial and stylistic trends as well as key critical debates.
Class discussion, reports, and individual research papers. The course is
offered at the 500 and 700 levels, with additional assignments at the 700
level. (Same as FMS 543.) Prerequisite: Junior status. LEC.

EALC 555. Buddhists and Buddhism in China. 3 Hours. NW AE42 / H.
A reading and media-rich survey of institutional, ritual, literary,
educational, and exegetical practices that have shaped the lives of
Buddhists in China, past and present. Alterities within the Buddhist
tradition, and interactions with other religious options, are considered.
(Same as REL 555.) LEC.
EALC 561. Colonial Korea. 3 Hours. H.
This course examines the history, society, and culture of Korea from the end of the Choson dynasty through the colonial period (1920-1945) in its East Asian and global context. The course uses a multi-disciplinary approach, including history, anthropology, literature, and film. Prerequisite: An introductory East Asian studies course, such as ECIV 104 or ECIV 304, or EALC 105; or consent of instructor. There are additional readings and more extensive writing assignments than in EALC 361. Not open to students with credit in EALC 361. LEC.

EALC 562. Post-Colonial Korea. 3 Hours. H.
This course examines the history, society, and culture of South Korea from the time of its liberation from Japan in 1945 to the present in its East Asian and global context. The course uses a multi-disciplinary approach, including history, anthropology, literature, and film. Prerequisite: EALC 361 or EALC 561, or permission of the instructor. There are additional readings and more extensive writing assignments than in EALC 362. Not open to students with credit in EALC 362. LEC.

EALC 563. Cultural History of Korea. 3 Hours. H.
This course examines the cultural history of Korea in periods prior to the 19th Century. Special attention is given to varying constructions of cultural value, heritage, and identity, together with the historically specific factors that engendered them. (Same as HIST 590.) LEC.

EALC 564. Modern Korean Culture and Society. 3 Hours. H.
This course examines the history, society, values, and political economy of Korea in its East Asian and global context. The course uses multi-disciplinary approaches, including those of history, anthropology, literature and film. Prerequisite: An introductory course in East Asian studies, or permission of instructor. LEC.

EALC 565. Popular Images in Japanese Culture, Literatures, and Films. 3 Hours. NW / S/W.
The course examines recurring themes and images in Japanese culture through films, literary works, and anthropological and other social science literature. These themes and images are studied in the contexts of both modern and traditional cultures. Although the popular deviates from the orthodox, nevertheless, the energy and pervasiveness of these offspring enforce and sustain "proper" cultural values. As a result of exploration of both highways and backroads of cultural expression, a holistic picture of Japanese ethos will emerge. (Same as ANTH 565.) LEC.

EALC 567. Japanese Ghosts and Demons. 3 Hours. NW / S/W.
An investigation of deeply rooted Japanese beliefs about intimate relationships among humans, animals, and nature - beliefs which help to explain the mysterious and to lend order to the world. Anthropological works, selections from Japanese literature, historical documents, artworks, and films will be used to examine supernatural themes. (Same as ANTH 567.) LEC.

EALC 570. The Structure of Japanese. 3 Hours. H.
A detailed study of the phonological and grammatical structure of Japanese and the use of the language in social/cultural contexts. Primarily for students who want a linguistic knowledge of the language rather than a practical command of it. (Same as LING 570.) LEC.

EALC 572. The Structure of Chinese. 3 Hours. AE42 / H.
A detailed study of the phonological and grammatical structure of Chinese and the interactions between language and culture. Depending on student interests, a unit on the pedagogy of teaching Chinese as a foreign language may also be included. Primarily for students who want a linguistic knowledge of the language rather than a practical command of it. (Same as LING 572.) LEC.

EALC 574. Imperial China. 3 Hours. NW / H/W.
An intensive survey of China's traditional civilization and its history, with emphasis on the last centuries of imperial rule under the Sung, Yuan, Ming, and Ch'ing dynasties (to 1850). (Same as HIST 583.) LEC.

EALC 575. Love, Sexuality and Gender in Japanese Literature. 3 Hours. H.
An examination of Japanese attitudes toward love, sexuality, and gender differences as revealed in literature from the tenth century to the present. Discussion format. LEC.

EALC 578. Gender and Society in Modern China. 3 Hours. H.
This course examines gender politics and social institutions in modern China by examining important literary works and films from the Republican era (1911-1949), the Maoist era (1949-1976), and the post-Mao era (1976-present). Secondary readings are also supplied. All the readings are in English. No knowledge of Chinese is required. Prerequisite: An introductory East Asian studies course such as ECIV 104. ECIV 304, or EALC 105; or consent of the instructor. LEC.

EALC 580. Popular Cultures of East Asia. 3 Hours. NW / H.
This course examines the contemporary popular cultures of Korea, Japan, China, and Taiwan, with particular emphasis on relations between East Asia and North America. Students study the issue of globalization and how the transnational flow of commodities and culture affects local societies and individual identities. They learn to identify, describe, and analyze the cross-cultural content of popular cultural artifacts and modes of expression relating to East Asia. To this end, they explore in detail such subjects as: fashion, foodways, cinema, manga, soap operas, and punk rock. More extensive writing requirements than 380. Not open to students who have taken EALC 380. LEC.

EALC 583. Reform in Contemporary China. 3 Hours. NW AE42 / H/W.
This course examines gender politics and social institutions in modern China by examining important literary works and films from the Republican era (1911-1949), the Maoist era (1949-1976), and the post-Mao era (1976-present). Secondary readings are also supplied. All the readings are in English. No knowledge of Chinese is required. Prerequisite: An introductory East Asian studies course such as ECIV 104. ECIV 304, or EALC 105; or consent of the instructor. LEC.

EALC 585. Reform in Contemporary China. 3 Hours. NW AE42 / H/W.
Examines the epochal changes that have occurred in China from Deng Xiaoping's rise to power in 1978 to the present. Includes a focus on the historical background of the revolutionary period before examining the political and economic changes that spawned the 1989 "prodemocracy" movement at Tiananmen. The course includes an analysis of the events of the 1990s focusing on U.S.-China political and economic relations and the destabilizing effects of inflation, infrastructural reform, political and economic decentralization, and leadership succession. A previous course on China is helpful, but not mandatory. (Same as POLS 668.) LEC.

EALC 587. Early Modern Japan. 3 Hours. NW AE42 / H/W.
Early modern Japan (16th to 19th century) examines the history, culture, and patterns of life during an era of rigid social control but artistic brilliance. After an historical overview of the period, students will explore topics including the social structure, travel, religion, thought, and the formation of traditional cultural forms such as Kabuki theater. (Same as HIST 587.) LEC.

EALC 588. Japan, 1853-1945. 3 Hours. NW / H/W.
This course provides an intensive survey of Japanese history from the arrival of Commodore Perry through the Pacific War. Social, economic, and political themes will be emphasized. Among the topics covered will be the Meiji Restoration, industrialization, Japanese imperialism, Taisho democracy, and wartime mobilization. (Same as HIST 588.) LEC.

EALC 589. Japan Since 1945. 3 Hours. NW / H/W.
This course provides an overview of Japanese history from the end of World War II to the present day. Among the topics covered will be the
Allied Occupation, postwar politics and social change, the economic "miracle," popular culture, women and the family, crime and punishment, the educational system, and Japan's place in the world. (Same as HIST 589.) LEC.

EALC 590. Topics in East Asian Languages and Cultures: ____. 1-9 Hours. H/W.
Specific topical courses will be offered every year covering a number of disciplines. Credit, description, and prerequisites will vary. Note: May be repeated for credit up to the stated limit. LEC.

EALC 591. Topics in East Asian Languages and Cultures: ____. 1-9 Hours. S/W.
Specific topical courses will be offered every year covering a number of disciplines. Credit, descriptions, and prerequisites will vary. Note: May be repeated for credit up to the stated limit. LEC.

EALC 593. Modern Korea. 3 Hours. NW / H/W.
This course will examine selected topics in Modern Korean history in the 19th and 20th centuries, with special emphasis on Korea's connections to China and Japan. (Same as HIST 593.) Prerequisite: A college-level course in East Asian history or culture, or consent of instructor. LEC.

EALC 594. Law and Society in Traditional China. 3 Hours. H/W.
The course begins with a series of lectures on the main principles underlying Chinese social structure. The course then examines the application of those principles in legal cases. Students read legal cases in translation and argue them in class. (Same as HIST 594.) Prerequisite: A course in Chinese history. LEC.

EALC 595. Defining Japan: Marginalized Groups and the Construction of National Identity. 3 Hours. NW / H/W.
This course investigates the construction of national identity in modern Japan by examining the historical experiences of groups marginalized by mainstream society. We will explore the pressures of conformity, the pervasiveness of social ostracism and the surprising diversity in Japanese society. Among the groups discussed will be indigenous peoples (the Ainu, Okinawans), the Korean minority, the outcast class (burakumin), the sick and disabled, the Yakuza, and political activists. (Same as HIST 595.) LEC.

EALC 597. Japanese Theater History. 3 Hours. NW / H/W.
This course examines the historical development and characteristics of Japanese theater, with special attention to traditional theater and the genres of noh, kyogen, and kabuki in particular, tracing their origins in the pre-modern era and their continued performance today. To gain an understanding of the historical and artistic setting of these arts, lectures and readings will consider broader issues such as performance and ritual in religion and daily life, gender and representation, and folk theater. A portion of this class will include practical studies of theatrical forms including noh dance and kabuki music (shamisen). (Same as HIST 597.) LEC.

EALC 598. History and Structure of the Japanese Language. 3 Hours. H/W.
The historical development of Japanese. Study of Japanese phonology, morphology and syntax, using the techniques of descriptive linguistics and generative grammar. Prerequisite: An introductory course in linguistics or one year of Japanese. LEC.

EALC 600. Biography of a City: ____. 3 Hours. H/W.
This interdisciplinary, team-taught course surveys the artistic, intellectual, and historical development of some of the great cities of the world, such as Kyoto or Tokyo. LEC.

EALC 612. Visual and Literary Culture in Modern Japan. 3 Hours. H.
This course examines the interconnections between the evolution of modern Japanese literature and vision technologies such as painting, panoramas, magic lanterns, stereoscopes, photography, motion pictures, television, and computers. The course provides an overview of modern Japanese literature from the perspectives of the visual culture in which that literature was conceived. The course considers such authors as Higuchi, Soseki, Ogai, Shimazaki, Akutagawa, Tanizaki, Yokomitsu, Kawabata, and Abe. There will be additional assignments for students in 612. Not open to students who have completed EALC 412. LEC.

EALC 615. Ancient China. 3 Hours. NW / H/W.
A survey of ancient Chinese culture to the Qin period. Major archaeological discoveries and the literary tradition will be taken as the primary evidence through which a number of topics are introduced (for example: environment, food, writing, art, thought, ritual). A knowledge of Chinese is not required. The course is offered at the 400 and 600 levels, with additional assignments at the 600 level. Not open to students who have completed EALC 415. LEC.

EALC 618. Sexual Politics in Chinese Literature and Culture: Premodern Times. 3 Hours. NW / H.
This course uses myth, literature, history, biography, and other documents to discuss sexual politics in China from ca 1500 B.C.E. to the end of the last dynasty in 1911. Topics include: emperors, empresses, and consorts, polygamy, prostitution, love, yin and yang cosmology, the art of the bedchamber, women's literature, and erotic literature. Prerequisite: A course in East Asian studies. Not open to students who have taken EALC 418. This course is taught at the 400 and 600 levels with additional assignments at the 600-level LEC.

EALC 620. Daily Life in China from the Opium War to the Present. 3 Hours. NW / H/W.
Daily life and issues of social and cultural interaction between China and Western nations from the Opium War to the present. Fiction, travel diary, historical sources, film, and personal accounts will make up course materials. LEC.

EALC 636. Women in Japanese Literature. 3 Hours. H/W.
An examination of women as subjects, readers, and writers of Japanese literature. Topics may include images and stereotypes of women in Japanese literature; feminist readings of this literature; female culture; and the psychodynamics of female creativity. LEC.

EALC 642. Chinese Thought. 3 Hours. NW AE42/GE3H / H/W.
A survey of the principal modes of Chinese thought from their origins through the imperial period. Not open to students with credit in EALC 132. (Same as HWC 524 and PHIL 506.) Prerequisite: Eastern civilizations course or a course in Asian history or a distribution course in philosophy. LEC.

EALC 646. Chinese Law. 3 Hours. H/W.
The history and development of civil and criminal law in China from its beginnings until the present. The course will be taught both by lectures and by discussion of cases. A section of the course will concern modern Chinese law. Prerequisite: A course on China, or general background in law or business. LEC.

EALC 649. Doing Business With China: Law and Policy. 3 Hours. NW / H/W.
A study of the issues involved in doing business with China. The current Chinese political and economic context will be examined, followed by a study of the Chinese legal system and Chinese economic law and regulation. Relevant U.S. law will also be considered. Prerequisite: A course on China, or general background in law or business. LEC.
EALC 656. Government and Politics of East Asia. 3 Hours. NW AE42 / S/W.
A comparative examination of the contemporary political institutions, processes and ideas of China, Japan, and Korea. (Same as POLS 656.) Prerequisite: A distribution course in political science or a course in East Asian studies. LEC.

EALC 666. Political Economy of East Asia. 3 Hours. S.
This course provides basic understanding of fiscal, monetarist, and trade policies; how governments in East Asia use them to pursue growth; the extent to which these governments follow or controvert economics to pursue growth; and how the performances of economies in East Asia relate to the US and global economies. (Same as POLS 666.) Prerequisite: POLS 170 or a course in East Asian studies. LEC.

EALC 676. International Relations of Asia. 3 Hours. S/W.
An intensive study of the problems of ideological conflict, diplomatic relations, strategic arrangements, economic cooperation, and cultural exchange in East and Southeast Asia with special emphasis upon the roles of major world powers. (Same as POLS 676.) Prerequisite: POLS 170 or a course in East Asian studies. LEC.

EALC 678. Chinese Foreign Policy. 3 Hours. S/W.
In-depth examination of China’s changing policies toward other countries with special emphasis on policy-making process, negotiating behavior, military strategy, economic relations, and cultural diplomacy. (Same as POLS 678.) LEC.

EALC 700. Introduction to East Asian Studies. 1 Hour.
Required of all M.A. students in the Department regardless of concentration. Introduction to resources in East Asian languages and literature. LEC.

EALC 701. Practicum in Teaching Chinese. 1 Hour.
This course is required every semester for graduate teaching assistants in the Chinese language program in EALC. The course will cover applicable second language acquisition theories and principles of foreign language pedagogy and focus on teaching methodologies, instructional techniques, and development of pedagogical materials specific to the Chinese classroom. This class will be conducted in a seminar format. Prerequisite: Teaching appointment in the East Asian Languages and Cultures department. SEM.

EALC 702. Practicum in Teaching Japanese. 1 Hour.
This course is required every semester for graduate teaching assistants in the Japanese language program in East Asian Languages and Cultures. The course will cover applicable second language acquisition theories and principles of foreign language pedagogy and focus on teaching methodologies, instructional techniques, and development of pedagogical materials specific to the Japanese language classroom. This class will be conducted in a seminar format. Prerequisite: Teaching appointment in the East Asian Languages and Cultures department. SEM.

EALC 703. Practicum in Teaching Korean. 1 Hour.
This course is required every semester for graduate teaching assistants in the Korean language program in East Asian Languages and Cultures. The course will cover applicable second language acquisition theories and principles of foreign language pedagogy and focus on teaching methodologies, instructional techniques, and development of pedagogical materials specific to the Korean language classroom. This class will be conducted in a seminar format. Prerequisite: Teaching appointment in the East Asian Languages and Cultures department. SEM.

EALC 712. Readings in Traditional Japanese Literature. 3 Hours.
A survey of Japanese literature from earliest times to 1868. Students will study the major writers in each genre, with special emphasis on an individual research topic. A knowledge of Japanese is not required. (Not open to students with credit in EALC 312.) LEC.

EALC 714. Readings in Modern Chinese Literature. 2-3 Hours.
A general survey of representative literary works of major genres in modern China. Lectures, assigned readings, and discussions in English. A knowledge of Chinese is not required. (Not open to students with credit in EALC 314.) LEC.

EALC 715. Survey of Japanese Film. 3 Hours.
This course surveys the major developments in patterns of distribution, exhibition, and reception and their influence on film aesthetics in twentieth century Japanese film. Through secondary readings, lectures, and discussions students will examine how Japanese cinema as an institution responds to and intervenes in the social, cultural, and political history of twentieth century Japan. The course is offered at the 300 and 700 levels, with additional assignments at the 700 level. (Same as FMS 715.) LEC.

A survey of major literary works of Japan’s modern era through the Pacific War. Topics include the social and spiritual challenges of modernization, urbanization, and the issues of race and national identity. The course is offered at the 300 and 700 levels, with additional assignments at the 700 level. An individual research project in an area of the student’s special interest will be required. Not open to students who have completed EALC 316. LEC.

EALC 717. Contemporary Japanese Literature in Translation: 1945-Present. 3 Hours.
A survey of major literary works of Japan’s post-war and contemporary eras. Topics include life during and after the war, the experience of the atomic bomb, and the postmodern landscape. The course is offered at the 300 and 700 levels, with additional assignments at the 700 level. An individual research project in an area of the student’s special interest will be required. Not open to students who have completed EALC 317. LEC.

EALC 718. Readings in Modern Chinese Literature. 2-3 Hours.
A general survey of the important writers of the 20th century and their works. Lectures, readings, and discussions in English. A knowledge of Chinese is not required. (Not open to students with credit in EALC 318.) LEC.

EALC 732. Seminar in Eastern Religious Thought: ______. 3 Hours.
Analysis of the religious thought of selected thinkers of India, China, and/or Japan, traditional and modern. May be taken more than once if subject matter varies sufficiently. (Same as REL 762.) Prerequisite: REL 507, REL 508, REL 509, or permission of the instructor. LEC.

EALC 733. Seminar in Eastern Religious Texts: ______. 3 Hours.
Analysis of a selected religious text or texts from India, China, or Japan, in translation. May be taken more than once if subject matter varies sufficiently. (Same as REL 733.) Prerequisite: REL 507, REL 508, REL 509, or permission of the instructor. LEC.

EALC 743. Contemporary Japanese Film. 3 Hours.
Seminar on the major developments in the contemporary (1980-present) Japanese film industry examining how filmmaking practices and film criticism have been influenced by such issues as transnationalism, postcolonialism, critical race theory, postmodernism, and new media. We will survey recent industrial and stylistic trends as well as key critical debates. Class includes discussion, reports, and individual research papers. This course is offered at the 500 and 700 levels, with additional assignments at the 700 level. (Same as FMS 743.) SEM.
EALC 747. East Asian History and Culture for Teachers. 2 Hours.
An advanced survey of the history, culture, and contemporary affairs of China, Japan, and Korea, specifically designed for K-12 educators who wish to incorporate East Asian topics into their classroom teaching. Pedagogical methods and resources for the study of East Asia will be emphasized. Topics covered will address relevant benchmarks in the state curricular standards in social studies, themes from the Advanced Placement world history examination, and the national standards in world history. (Same as HIST 747.) Prerequisite: Approval of the instructor. LEC.

EALC 762. Readings in Japanese Religion. 3 Hours.
A high-level introduction to the traditional religions of Japan, with special emphasis on Japanese Buddhism. Texts to be used will include translations of original documents as well as secondary studies. Those students who have competence in Japanese will be required to do some readings in that language, but a knowledge of the language is not a prerequisite. LEC.

EALC 764. Modern Korean Culture and Society. 3 Hours.
An examination of the history, society, values, and political economy of Korea in its East Asian and global context. The course will use a multi-disciplinary approach, including history, ethnography, fiction, and film. LEC.

EALC 766. Japanese People: Their Culture and Literature. 3 Hours.
A study of Japanese people's life cycle through a combination of theoretical social scientific observations of Japanese as a cultural group and personal literary descriptions of them. An individual research paper is required. (Not open to students with credit in EALC 366.) LEC.

EALC 776. Seminar in Religion and Society in Asia: ____. 3 Hours.
Analysis of selected Asian religions and their relationships to selected Asian societies. May be taken more than once if subject matter varies sufficiently. (Same as REL 776.) Prerequisite: REL 507, REL 508, REL 509, or permission of the instructor. LEC.

EALC 790. Topics in East Asian Languages and Cultures: ____. 1-3 Hours.
Special topical courses covering a number of disciplines. Credit descriptions and prerequisites will vary. NOTE: May be repeated for up to 12 total credits. RSH.

EALC 801. Directed Readings. 1-5 Hours.
Designed to meet the needs of advanced students whose study in East Asian studies cannot be met with regular courses. Prerequisite: Consent of instructor. RSH.

EALC 841. Asian Film. 3 Hours.
Seminar on various national film cultures of East and Southeast Asia. Representative films are studied from formal, stylistic, and socio-historical perspectives. Addresses the impact of key cultural, economic and political issues on each film industry. Class includes discussion, reports, and individual research papers. This course is offered at the 500 and 800 levels, with additional assignments at the 800 level. (Same as FMS 841.) SEM.

EALC 888. Contemporary China Studies. 3 Hours.
This course will review and analyze the current literature on China’s social and political development, including a wide range of topics within political science. There is a rich body of literature within each topic such as civil society in China, legal reform, political culture, nationalism, gender issues, ethnicity, political behavior, elections, economic development, and inequality. This course will introduce key literature within each topic focusing on the debates among China scholars as well as how these debates fit in the general field of political science. (Same as GIST 888 and POLS 888.) Prerequisite: POLS 668 or permission of the instructor. LEC.

EALC 899. Thesis. 1-6 Hours.
An inquiry into the source material upon a specific subject. THE.

ECIV 104. Eastern Civilizations. 3 Hours. HL/NW AE42 / H/W.
This course acquaints the student with the broad outlines of the traditional cultures and literatures of East Asia, and explores the interaction between these regions and cultures as well as their continuities and disparities. Course materials include translations and discussions of original sources. The course is most appropriate for students with no background in Asian culture. Does not complete major requirement. Not open to students with credit in ECIV 304. LEC.

ECIV 105. Eastern Civilizations Honors. 3 Hours. HL/NW AE42 / H/W.
An introductory course designed to acquaint the student with the broad outlines of the traditional cultures and literatures of East Asia. By reading translations of original source materials, the student is able to see the interaction among the various cultures as well as their essential continuity. The course is most appropriate for students without any background in Asian culture. Offered for students with superior academic records. Open only to students in the University Honors Program or by permission of instructor. LEC.

ECIV 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Eastern Civilization. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

ECIV 304. Eastern Civilizations. 3 Hours. HL/NW AE42 / H/W.
This course acquaints the student with the broad outlines of the traditional cultures and literatures of East Asia, and explores the interaction between these regions and cultures as well as their continuities and disparities. Course materials include translations and discussions of original sources. The course is most appropriate for students with no background in Asian culture. Does not complete major requirement. Not open to students with credit in ECIV 104. If majoring in EALC and have completed ECIV 104, see major advisor about completing the ECIV 304 major requirement. LEC.

ECIV 305. Eastern Civilizations Honors. 3 Hours. HL/NW AE42 / H/W.
An introductory course designed to acquaint the student with the broad outlines of the traditional cultures and literatures of East Asia. By reading translations of original source materials, the student is able to see the interaction among the various cultures as well as their essential continuity. The course is most appropriate for students without any background in Asian culture. Similar to ECIV 304, but reading and writing assignments reflect the fact that this is an honors course. Open only to students in the University Honors Program or by permission of instructor. LEC.

JPN 100. Beginning Japanese I. 3 Hours. U.
An introduction to Japanese. Familiarity with the basic structural patterns of the language through conversation is stressed. The hiragana and katakana syllabaries are introduced and a few characters are learned. Usually offered as part of a Summer Study Abroad Program. LEC.

JPN 101. Beginning Japanese II. 3 Hours. U.
Continuation of JPN 100. Available to students who took JPN 100 as part of the Summer Study Abroad Program. Not available for credit for students who have previously completed JPN 104. Prerequisite: JPN 100 or equivalent. LEC.

JPN 104. Elementary Japanese I. 5 Hours. U.
Three hours of lecture, three hours of drill per week. Acquisition of basic language skills (listening, speaking, reading, writing). Not available for credit for students who have previously completed JPN 101. LEC.
JPN 108. Elementary Japanese II. 5 Hours. U.
Continuation of JPN 104. Prerequisite: JPN 101, JPN 104, or equivalent. LEC.

JPN 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Japanese. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

JPN 204. Intermediate Japanese I. 5 Hours. U.
Three hours of lecture, three hours of drill. Prerequisite: JPN 108 or equivalent. LEC.

JPN 206. Intermediate Japanese Conversation. 2-4 Hours. U.
Enhancement of conversational ability at the intermediate level. Used primarily to accommodate transfer credits. Prerequisite: JPN 204 or equivalent. LEC.

JPN 208. Intermediate Japanese II. 5 Hours. U.
Continuation of JPN 204. Prerequisite: JPN 204. LEC.

JPN 226. Japanese in Context - Intermediate. 3 Hours. U.
Supervised and individualized study and practice of language skills through direct experience in interviews and guided practical applications in various public settings in Japan. Some conventional classroom instruction in grammar included. Offered only during the Summer Institute in Hiratsuka, Japan. Prerequisite: Two semesters or the equivalent of Japanese language study. LEC.

JPN 233. Special Skills in Japanese: ______. 1-4 Hours. U.
Instruction in special skills in Japanese, such as pronunciation, recognition of Chinese characters, comprehension of broadcast media, etc. at the freshman/sophomore level. Course work must be arranged through the office of KU Study Abroad and approved by the Department of East Asian Languages and Cultures. May be repeated for credit if content varies. LEC.

JPN 306. Advanced Japanese Conversation I. 2 Hours. H/W.
Intensive practice of communicative skills at the advanced level. Prerequisite: JPN 208 or equivalent. LEC.

JPN 310. Advanced Japanese Conversation II. 2 Hours. H/W.
Continuation of JPN 306. LEC.

JPN 326. Japanese in Context - Advanced. 3 Hours. U.
Supervised and individualized study and practice of language skills through direct experience in interviews and guided practical applications in various public settings in Japan. Some conventional classroom instruction in grammar and usage. Offered only during the Summer Institute in Hiratsuka, Japan. Prerequisite: Four semesters or the equivalent of Japanese language study. LEC.

JPN 333. Special Skills in Japanese: ______. 1-4 Hours. U.
Instruction in special skills in Japanese, such as pronunciation, recognition of Chinese characters, comprehension of broadcast media, etc. at the junior/senior level. Course work must be arranged through the office of KU Study Abroad and approved by the Department of East Asian Languages and Cultures. May be repeated for credit if content varies. LEC.

JPN 386. Advanced Japanese Conversation III. 1-3 Hours. U.
Instruction in discussion in formal contexts and speech making. Prerequisite: JPN 504 or equivalent. LEC.

Readings in Japanese on a subject selected by a student with the advice and direction of the instructor. Individual meetings and reports. Prerequisite: Consent of instructor. IND.

JPN 504. Advanced Modern Japanese I. 3 Hours. H/W.
Readings in selected modern Japanese texts on various topics: history, education, language, society, business, and literature. Meets three hours per week. Prerequisite: JPN 208 or equivalent. LEC.

JPN 508. Advanced Modern Japanese II. 3 Hours. H/W.
Continuation of JPN 504. Prerequisite: JPN 504 or equivalent. LEC.

JPN 509. Business Japanese. 3 Hours. U.
Study of Japanese language especially appropriate to business situations. Although the course emphasizes developing conversational ability, the primary focus is on strengthening reading and writing in the specialized area. The course includes discussion of non-verbal aspects of Japanese business practices as well. Prerequisite: The first semester of third-year Japanese or the equivalent. LEC.

JPN 542. Introduction to Classical Japanese I. 3 Hours. H/W.
Introductory grammar and readings in classical Japanese texts. Prerequisite: JPN 508. LEC.

JPN 544. Introduction to Classical Japanese II. 3 Hours. H.
Continued readings of classical Japanese texts, on the intermediate and advanced level. Introduction to the elements of kambun (Sino-Japanese) and sorobun (epistolary) styles. Prerequisite: JPN 542 or equivalent. LEC.

JPN 562. Modern Japanese Texts I. 3 Hours. AE61 / H/W.
Readings and interpretation of modern Japanese texts from various fields. Continued study of the language in the form of oral discussion and written reports. Prerequisite: JPN 508. LEC.

JPN 564. Modern Japanese Texts II. 3 Hours. H/W.
A continuation of JPN 562. Prerequisite: JPN 562 or equivalent. LEC.

JPN 569. Advanced Business Japanese. 3 Hours. U.
This course strengthens reading and writing skills and continues developing conversational ability. It assumes a higher level of competency in Japanese than JPN 509 and includes both verbal and non-verbal aspects of Japanese business practices. Prerequisite: Completion of third-year Japanese or equivalent. LEC.

JPN 598. Readings in: ______. 1-3 Hours. H/W.
Students will read selections from materials on a given topic or topics. May be repeated for credit. Prerequisite: JPN 564 or permission of instructor. IND.

JPN 690. Seminar in: ______. 1-3 Hours. H/W.
Varying topics with varying prerequisites. LEC.

JPN 801. Directed Readings and Research in Japanese. 1-4 Hours.
Advanced language training for the study of Japanese sources in the humanities or social science field of the student. Prerequisite: JPN 564 or consent of instructor. RSH.

JPN 880. Advanced Japanese Research Materials. 2 Hours.
A detailed examination of various Japanese language reference works and research materials. Emphasis will be placed on the use of different types of reference works to carry out research strategies. Prerequisite: JPN 508 or equivalent and JPN 580. LEC.

KOR 104. Elementary Korean I. 5 Hours. U.
Continuation of KOR 104. Prerequisite: KOR 104. LEC.
KOR 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Korean. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

KOR 204. Intermediate Korean I. 5 Hours. U.
Five hours of class and two hours of spoken drill. Readings in selected texts in modern Korean. Prerequisite: KOR 108 or equivalent. LEC.

KOR 208. Intermediate Korean II. 5 Hours. U.
Continuation of KOR 204. Prerequisite: KOR 204. LEC.

KOR 498. Directed Readings in Korean. 1-4 Hours. H/W.
Readings in Korean on a subject selected by a student with the advice and direction of the instructor. Individual meetings and reports. Prerequisite: Consent of instructor. IND.

KOR 504. Advanced Modern Korean I. 4 Hours. H/W.
Readings in and discussion of selected modern Korean texts on various topics: history, literature, society, and language. Prerequisite: KOR 208 or equivalent. LEC.

KOR 508. Advanced Modern Korean II. 4 Hours. H/W.
Readings and analysis of modern or contemporary texts from various fields. Includes oral discussion and written essays. Prerequisite: KOR 504 or equivalent. LEC.

KOR 562. Modern Korean Texts I. 1-5 Hours. H.
Readings and analysis of modern or contemporary texts from various fields. Includes oral discussion and written essays. Prerequisite: KOR 508 or equivalent. LEC.

KOR 564. Modern Korean Texts II. 1-5 Hours. H.
Continuation of KOR 562. Reading and analysis of modern or contemporary texts from various fields. Includes oral discussion and written essays. Prerequisite: KOR 562 or equivalent. LEC.

MONG 101. Elementary Mongolian I. 3 Hours. U.
The first semester of Elementary Mongolian is designed to give the student basic communicative competency, including pronunciation and intonation, structure, and syntax. Effective oral and written communication is stressed. LEC.

MONG 102. Elementary Mongolian II. 3 Hours. U.
A continuation of Elementary Mongolian I. Prerequisite: Elementary Mongolian I or the equivalent. LEC.

MONG 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Mongolian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

TIB 101. Elementary Tibetan I. 3 Hours. U.
An introduction to the Tibetan language in both its literary and colloquial forms according to the Central Tibetan dialects. Four semesters of 3-credit Tibetan language courses fulfill the College of Liberal Arts and Sciences foreign language requirement. LEC.

TIB 102. Elementary Tibetan II. 3 Hours. U.
A continuation of TIB 101. Prerequisite: TIB 101 or equivalent. Four semesters of 3 credit Tibetan language courses fulfill the College of Liberal Arts and Sciences foreign language requirement. LEC.

TIB 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Tibetan. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

TIB 201. Intermediate Tibetan I. 3 Hours. U.
Continuation of TIB 102. Prerequisite: TIB 102 or equivalent. Four semesters of 3-credit Tibetan language courses fulfill the College of Liberal Arts and Sciences foreign language requirement. LEC.

TIB 202. Intermediate Tibetan II. 3 Hours. U.
Continuation of TIB 201. Prerequisite: TIB 201 or equivalent. Four semesters of 3-credit Tibetan language courses fulfill the College of Liberal Arts and Sciences foreign language requirement. LEC.

UYGR 101. Elementary Uyghur I. 3 Hours. U.
Uyghur is an important Central Asian Turkic language spoken by nine million people in China. The first semester is designed to give the student basic communicative competency, including pronunciation and intonation, structure, and syntax. Effective oral and written communication is stressed. LEC.

UYGR 102. Elementary Uyghur II. 3 Hours. U.
Continuation of UYGR 101. Prerequisite: UYGR 101 or the equivalent. LEC.

UYGR 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Uyghur. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

UYGR 201. Intermediate Uyghur I. 3 Hours. U.
Continuation of UYGR 102. Prerequisite: UYGR 102 or equivalent. LEC.

UYGR 202. Intermediate Uyghur II. 3 Hours. U.
Continuation of UYGR 201. Prerequisite: UYGR 201 or equivalent. LEC.

Economics Courses

ECON 104. Introductory Economics. 4 Hours. SF GE3S / S.
An introduction to modern economics designed primarily for students who do not plan to major in economics. Topics include economic history, the operation of economic institutions, and the formation and execution of economic policies to meet the current problems of the domestic and international economy. Course may be offered in lecture or online format. Prerequisite: MATH 101 or MATH 104, or eligibility for MATH 115 or MATH 121. LEC.

ECON 105. Introductory Economics, Honors. 4 Hours. SF GE3S / S.
An introduction to modern economics designed primarily for students who do not plan to major in economics. Topics include economic history, the operation of economic institutions, and the formation and execution of economic policies to meet the current problems of the domestic and international economy. Prerequisite: Consent of the Economics Department and MATH 101 or MATH 104, or eligibility for MATH 115 or MATH 121. LEC.

ECON 110. The Economics of Globalization. 3 Hours. SF AE42 / S.
The course emphasizes the application of economic methods of analysis to the public policy issues that globalization creates. Topics covered may include the following: winners and losers from trade; links between trade and labor markets; links between trade and foreign investment; the international financial system and exchange rates; outsourcing and multinational corporations; international institutions and regional trade agreements. LEC.
ECON 142. Principles of Microeconomics. 3 Hours. SF GE3S / S.
An analytical introduction to microeconomics. Topics include theory of markets, public policy, international trade, economic efficiency, and equity. Prerequisite: MATH 101 or MATH 104, or eligibility for MATH 115 or MATH 121. LEC.

ECON 143. Principles of Microeconomics, Honors. 3 Hours. SF GE3S / S.
An honors section of ECON 142. An analytical introduction to microeconomics. Topics include theory of markets, public policy, international trade, economic efficiency, and equity. Prerequisite: Consent of the Economics Department and MATH 101 or MATH 104, or eligibility for MATH 115 or MATH 121. LEC.

ECON 144. Principles of Macroeconomics. 3 Hours. SF GE3S / S.
An analytical introduction to macroeconomics. Topics include determination of aggregate income, employment, inflation, exchange rates, and the role of fiscal and monetary policy in dealing with unemployment, inflation, and economic growth. Prerequisite: MATH 101, MATH 104, or eligibility for MATH 115 or MATH 121. LEC.

ECON 145. Principles of Macroeconomics, Honors. 3 Hours. SF GE3S / S.
An honors section of ECON 144. An analytical introduction to macroeconomics. Topics include determination of aggregate income, employment, inflation, exchange rates, and the role of fiscal and monetary policy in dealing with unemployment, inflation, and economic growth. Prerequisite: Consent of the Economics Department and MATH 101, MATH 104, or eligibility for MATH 115 or MATH 121. LEC.

ECON 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Economics. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

ECON 250. Study Abroad Topics in: ____. 1-5 Hours. S.
This course is designed for the study of special topics in economics at the freshman/sophomore level. Coursework must be arranged by the office of KU Study Abroad and approved by the Economics Department. This course may be repeated for credit if content varies. LEC.

ECON 310. Topics in Applied Economics: ____. 3 Hours. S.
(Topic, instructor, and specific prerequisites to be announced in the Schedule of Classes.) This course will focus on an area of applied economics of current interest. This course cannot be used to fulfill the elective course requirements for the Economics major or the Economics minor. LEC.

ECON 450. Study Abroad Topics in: ____. 1-5 Hours. S.
This course is designed for the study of special topics in economics at the junior/senior level. Coursework must be arranged by the office of KU Study Abroad, approved by the Economics Department, and may count as an economics elective for economics majors. This course may be repeated for credit if content varies. LEC.

ECON 496. Research in Economics. 1-3 Hours. AE61 / S.
A directed reading and research course for economics majors. The course involves the preparation of a research paper under the supervision of a faculty member whose area of interest and specialization corresponds with the area of study selected by the student. Prerequisite: Approval of major adviser and selected faculty member. IND.

ECON 497. Senior Research Honors. 1-3 Hours. AE61 / S.
Open to seniors in the College who have a grade-point average of 3.5 or above in economics and a grade-point average of 3.25 or above in all courses. A directed reading and research course for qualifying seniors. Involves preparation of a research paper under the supervision of a faculty member whose area of interest and specialization corresponds with the area of study selected by the student. Prerequisite: Approval of major adviser and selected faculty member. IND.

ECON 498. Oswald Undergraduate Seminar in Economics. 3 Hours. S.
Examine issues in economics of contemporary interest. Enrollment is limited to current Oswald, Boynton, and Pritchard scholarship holders. May be repeated for credit, but does not fulfill the elective course requirements for the Economics major or minor. Prerequisite: ECON 520, ECON 522, and permission of department. LEC.

ECON 505. History of Economic Analysis. 3 Hours. S.
The history of intellectual efforts to understand economic phenomena and the impact of these efforts on the social and economic development of the modern world. Prerequisite: ECON 104 or ECON 142 and ECON 144. LEC.

ECON 510. Energy Economics. 3 Hours. S.
The application of basic economic concepts and methods to the analysis of energy markets, regulation, and policies. Topics covered include energy trends and projections, economic growth and resource exhaustion, the organization and regulation of fossil fuel industries, nuclear power and non-conventional energy technologies, the world oil market, energy conservation, environmental pollution, and national energy policies in the U.S. and other developed as well as developing countries. Prerequisite: ECON 142 and ECON 144 or permission of instructor. LEC.

ECON 515. Income Distribution and Inequality. 3 Hours. AE41 / S.
An analysis of the distribution of income and wealth in the United States and a few other developed countries. The concepts of economic inequality, economic justice, statistical measures of inequality and their applications will be discussed. Various theories of income distribution (e.g., Ricardian, Marxian, neoclassical, and neo-Keynesian) will be covered. Prerequisite: ECON 142 and ECON 144. LEC.

ECON 516. Income Distribution and Inequality, Honors. 3 Hours. AE41 / H.
This course examines the definition and impact of social and economic inequality. Beginning with a review of economic and philosophical perspectives of inequality, the course considers the measurement of inequality, current trends in U.S. and international inequality, and policies designed to eliminate inequality. The course requires both writing and quantitative analysis and includes a term paper. Students should be comfortable with methods of quantitative social science. The Honors section is taught as a seminar where philosophical perspectives on inequality are debated and discussed. Prerequisite: ECON 142 and ECON 144. Open only to students who have been admitted to the University Honors Program, or by consent of instructor. LEC.

ECON 520. Microeconomics. 3 Hours. S.
The theory of consumption, production, pricing, and resource allocation. Not open for credit to students with credit in ECON 524. Prerequisite: ECON 142 and ECON 144. LEC.

ECON 521. Microeconomics Honors. 3 Hours. S.
The theory of consumption, production, pricing, and resource allocation. Prerequisite: ECON 142 and ECON 144 and consent of department. LEC.

ECON 522. Macroeconomics. 3 Hours. S.
The theory of national income and employment, the analysis of aggregate demand, the general degree of utilization of productive resources, the general level of prices, and related questions of policy. Prerequisite: ECON 142 and ECON 144. LEC.
ECON 523. Macroeconomics Honors. 3 Hours. S.
The theory of national income and unemployment, the analysis of aggregate demand, the general degree of utilization of productive resources, the general level of prices, and related questions of policy. Prerequisite: ECON 142 and ECON 144 and consent of department. LEC.

ECON 526. Introduction to Econometrics. 3 Hours. S.
An introduction to the statistical analysis of economic data and its application to economic inquiry. Includes extensive use of statistical software. Prerequisite: ECON 142, ECON 144, and MATH 526 or equivalent. LEC.

ECON 530. American Economic Development. 3 Hours. H.
An introductory study of the development of the American economy from colonial times to the present. Investigates long-term trends in output, population, and output per capita, as well as short-term fluctuations, and the variables and institutions that determined these fluctuations and trends. (Same as HIST 628.) Prerequisite: ECON 104 or ECON 142 and ECON 144. LEC.

ECON 535. Economic History of Europe. 3 Hours. S.
An introductory study of European economic history from the Middle Ages to the 1980s. Investigates the sources of economic growth, and the interaction between economic forces and social institutions. Topics covered will include the rise of commerce, the agricultural and industrial revolutions, imperialism, the Great Depression, and European recovery after World War II. (Same as HIST 528.) Prerequisite: ECON 104 or ECON 142 and ECON 144. LEC.

ECON 536. Economic Issues of the European Union. 3 Hours. S.
A survey of the economics of the European Union, with a focus on the economic development of the member states since World War II, and an examination of the various economic issues confronting them today. (Same as EURS 536.) Prerequisite: ECON 104 or ECON 144. LEC.

ECON 540. Recent American Economic History. 3 Hours. S.
An empirically oriented examination of the American economy designed to apply economic concepts to a wide variety of topics such as monetary and fiscal policy, income distribution, the Great Depression, poverty, population growth, the defense sector, education, research and development, technological change, and industrial organization. Prerequisite: ECON 104 or ECON 142 and ECON 144; ECON 520 and/or ECON 522 recommended. LEC.

ECON 550. Environmental Economics. 3 Hours. U.
This course provides an overview of the theory and empirical practice of economic analysis as it applies to environmental issues. Topics include externalities (a type of market failure), the valuation of nonmarket goods, the practice of benefit-cost analysis, and the efficiency and cost effectiveness of pollution control policies. Most importantly, the course permits students to perform economic field research, using state-of-the-art techniques in a manner accessible to undergraduate students. (Same as EVRN 550.) Prerequisite: ECON 104 or ECON 142. LEC.

ECON 560. Economic Systems. 3 Hours. S.
Critical analysis of economic theories underlying such economic systems as capitalism, different types of socialism, communism, and fascism. Comparative study of economic planning, production, distribution, price formation, economic institutions, and forms of government in countries under different economic systems. Prerequisite: ECON 104 or ECON 142 and ECON 144. LEC.

ECON 562. The Russian Economy. 3 Hours. S.W.
An analytical survey of Russian economic development, with emphasis on the structure and operation of the Russian economy and transition issues. Prerequisite: ECON 104 or ECON 142 and ECON 144 and consent of instructor. LEC.

ECON 563. Current Economic Issues of East Europe. 3 Hours. S.
An institutional and theoretical analysis of the issues arising from the transition from a command economy to a free market-oriented economy. With emphasis on the former Soviet Union, topics will include: assessment of the central planning experience; changes in property rights and their effect on resource allocation; market mechanisms and how they work when market institutions are at the formative stage; and public interest under privatization. Prerequisite: ECON 142 and ECON 144. LEC.

ECON 564. Topics in Applied Economics: ______. 3 Hours. S.
This course will focus on an area of applied economics of current interest. This course can be used to fulfill the elective course requirement for the Economics major. Prerequisite: ECON 142 and ECON 144. LEC.

ECON 570. Economics for Management Decisions. 3 Hours. S.
An introduction to economic growth and development in high and low income countries, problems of development, and development policy. Prerequisite: ECON 104 or ECON 142. LEC.

ECON 583. Economic Issues of East Asia. 3 Hours. S.
This course will study the economies of the East Asian countries, especially China, Japan, Korea, and Taiwan. Topics to be covered include economic growth, development and change, international trade, inflation, unemployment, income distribution, and urbanization. Emphasis will be on the post World War II period. Prerequisite: ECON 104 or ECON 142 and ECON 144. ECON 522 recommended. LEC.

ECON 584. Economic Development of Latin America. 3 Hours. S.
This course explores development strategies followed in the countries of Latin America and the Caribbean, and analyzes current debates over development strategy. Topics covered include: debt, structural adjustment, and bilateral lending agencies; trade policy, and regional or hemispheric integration; state intervention in the economy; the role of elites; environmental degradation and sustainable development; land reform and agricultural policy; transnational enterprises and foreign investment; women in work and the household; migration (rural-urban, and international); and grassroots development projects. Prerequisite: ECON 104 or ECON 144. LEC.

ECON 586. Economic Issues in China. 3 Hours. S.
This course studies the Chinese economy, especially during the post-1979 reform period, and its relationship to the development of the Greater China Circle (China, Hong Kong, and Taiwan). Topics to be covered include economic development during the pre-1979 reform period, economic reform, and its impacts on China, Hong Kong, Taiwan, and lessons from the Chinese economic reforms. Prerequisite: ECON 142 and ECON 144. LEC.

ECON 587. Economic Development of Africa. 3 Hours. S.
This course studies current economic issues facing African countries. It studies the general characteristics of several African economies and examines the impact of economic development policies, including those of international organizations, on the economies of Africa. Topics include poverty, income inequality, debt, foreign investment policies, trade policies, and government regimes. Prerequisite: ECON 104 or ECON 142 and ECON 144. LEC.
ECON 590. Game Theory. 3 Hours. S.
Analysis of strategic choice problems. Firms, voters, bargainers, animals, sports competitors, and persons in everyday life choose alternative options with the outcomes depending on the choices of one or more other similar decision makers. Strategies of rational choices will be derived and analyzed in economic and other environments. Prerequisite: ECON 142. LEC.

ECON 600. Money and Banking. 3 Hours. S.
The basic principles of money, credit, and banking and their relation to prices and business fluctuations; a study of commercial and central banking and the problems of credit control. Prerequisite: ECON 522. LEC.

ECON 604. International Trade. 3 Hours. S.
An introduction to the nonmonetary theory of international trade, the cause and pattern of trade, the gains from trade, and the contemporary issues in international economic policy. Prerequisite: ECON 520 or ECON 524. LEC.

ECON 605. International Finance. 3 Hours. S.
This course surveys theories of exchange rate and balance of payments determination. Included are the elasticity approach, Keynesian models, and the monetary approach. The mechanics of foreign exchange trading, balance of payments accounting, and the working of the international monetary system are also discussed. Prerequisite: ECON 522. LEC.

ECON 609. Sports Economics. 3 Hours. S.
The course covers the microeconomics of the sports industry. Topics include analysis of teams, leagues, players, incomes, strategies, history, and government policy. Prerequisite: ECON 520 or permission of instructor. LEC.

ECON 610. Resource Economics and Environmental Policy. 3 Hours. S.
Survey of the economics of natural resources, designed to introduce the student to the economic models and analytical methods commonly used in natural resource problems and policy issues. Topics covered include environmental pollution and regulation, environmental case studies and applications of cost-benefit analysis, theoretical models, policy issues in the utilization of renewable and nonrenewable resources, sustainable development, and global environmental problems. Prerequisite: ECON 520 or ECON 524 or permission of instructor. LEC.

ECON 620. Elements of Mathematical Economics. 3 Hours. S.
Selected aspects of economic theory with emphasis on those parts where the spirit of mathematical analysis, rather than dexterity, is utilized. The simplification of the subject matter is accomplished by stressing complete treatment of special cases such as a two commodity-two individual world. Prerequisite: ECON 520 or ECON 524 and MATH 116 or MATH 121. LEC.

ECON 622. Public Finance. 3 Hours. S.
A general introduction to the science of public finance. Topics covered include public expenditures, public revenues and public credit, and the shifting and incidence of taxation. Prerequisite: ECON 520 or ECON 524. LEC.

ECON 630. Industrial Organization and Antitrust Policy. 3 Hours. S.
An examination of the structure, conduct and performance of American industry applying the concepts and techniques of economic analysis. Topics covered include the theories of monopoly, competition and oligopoly, concentration, barriers to entry, price-fixing and other restrictive practices, mergers, technological change, and public regulation. The course will also focus on the historical development of American antitrust law. Prerequisite: ECON 520 or ECON 524. LEC.

ECON 631. Economics of Regulation. 3 Hours. S.
This course studies topics in the economic effects of industry regulation by administrative agencies as a substitute for market competition. Topics include various theories of regulatory behavior, the theory of natural monopoly, the economic effects of rate of return regulation on the performance of electric utilities, and the effects of recent social and environmental regulation. Prerequisite: ECON 520 or ECON 524. LEC.

ECON 635. Science and Technology in Economic Growth. 3 Hours. S.
An analytical and historical exploration of the roles that science and technology have played in the economic growth of industrial societies. This course will examine the forces that have shaped the rate and direction of technological change, and the impact of technological change on Western living standards. Topics covered will include factors influencing the pace of innovation, the diffusion of new technologies, international technology transfers, growth accounting, and models of aggregate economic growth. Prerequisite: ECON 520 or ECON 524. LEC.

ECON 640. Labor Economics. 3 Hours. S.
Analysis of labor markets and differences in wage rates and incomes. Topics include returns to education and training, labor unions, unemployment, anti-poverty programs, and other government policies influencing the labor market. Prerequisite: ECON 520 or ECON 524. LEC.

ECON 675. Introduction to Welfare Economics. 3 Hours. S.
This course provides a nontechnical introduction to optimal resource allocation from the societal point of view as well as alternative individual mechanisms for achieving such an optimum. Prerequisite: ECON 520 or ECON 524. LEC.

ECON 680. Economic Growth. 3 Hours. S.
This course studies growth with an emphasis on national evidence and macroeconomic policy issues. Classic and modern growth theories are developed and evaluated on the basis of how well they fit empirical evidence. Theories are developed in which productivity growth results from endogenous changes in technology or in the efficiency with which factors are utilized. The fundamental factors that affect productivity are examined, and they may include government policies, income inequality, geography, climate, resources and other factors. Prerequisite: ECON 522. LEC.

ECON 700. Survey of Microeconomics. 3 Hours.
A comprehensive survey of microeconomics, including the theories of consumption, production, distribution, pricing, and resource allocation. Prerequisite: ECON 520 and MATH 116 or MATH 121; and completion of ECON 142 and ECON 144, ECON 520, and ECON 522 with a grade-point average of at least 3.0 or graduate standing. LEC.

ECON 701. Survey of Macroeconomics. 3 Hours.
A comprehensive survey of the modern theory of national income determination with particular emphasis on the foundation of macroeconomic models and their empirical implementation. Prerequisite: ECON 522 and MATH 116 or MATH 121. LEC.

ECON 705. Development of Economic Thought. 3 Hours.
The development of economic thought from the time of the physiocrats through the modern period. Consideration is given to the works of the English Classical school, the school of Vienna, the historical school, the Lausanne school, and Cambridge school. In addition, the development of economic thought in the United States during the period is treated. Prerequisite: ECON 520 and ECON 522. LEC.

ECON 715. Elementary Econometrics. 3 Hours.
An elementary analysis of the problems of estimation, prediction, and hypothesis testing in the context of general linear, stochastic difference equation and simultaneous equations models. Applications of econometric
theory to practical economic problems will be emphasized. Prerequisite: DSCI 301 or its equivalent; MATH 116 or MATH 121; and completion of ECON 142 and ECON 144, ECON 520, and ECON 522 with a grade-point average of at least 3.00 (B) or graduate standing. LEC.

ECON 716. Econometric Forecasting. 3 Hours.
An analysis of econometric forecasting techniques, including time-series models, single-equation regression models, and multiple-equation regression models. The course will examine forecasts of (a) macroeconomic variables, such as interest rates, investment, GNP, and the rate of inflation; and (b) market variables, such as price and quantity. Prerequisite: ECON 715 or ECON 817. LEC.

ECON 730. Topics in Industrial Organization. 3 Hours.
Advanced study of recent research in applied microeconomics and business behavior. Topics include vertical integration, collusion, multi-plant and multi-product operations, regulated industries, tying arrangements, and the empirical links between monopoly power and profitability. Prerequisite: ECON 630 or equivalent. LEC.

ECON 735. Science and Technology in Economic Growth. 3 Hours.
An analytical and historical exploration of the roles that science and technology have played in the economic growth of industrial societies. Topics covered include factors influencing the pace and character of technological innovation, national systems of innovation, the diffusion of new technologies, measurement of the benefits of new technologies, and the role of technology in various growth theories. Prerequisite: ECON 520, or ECON 524, or consent of instructor. LEC.

ECON 740. Theory of Economic Growth and Development. 3 Hours.
Advanced study of the theory of economic growth and development. Recent growth models, theory of underdevelopment, programming, policies and plans for development. Prerequisite: ECON 520 and ECON 522. LEC.

ECON 741. Economic Planning. 3 Hours.
A study of the techniques employed in the preparation of a national economic plan and of the policies required for its implementation. Special attention is given to the purposes of a plan, development strategies, investment requirements, and project appraisal. The development plans of several countries are examined to illustrate problems of planning economic development. Prerequisite: ECON 520 and ECON 522. LEC.

ECON 750. The Theory of International Finance. 2-3 Hours.
This course examines the modern, financial-asset market approach to exchange rate determination as well as dynamic exchange rate models. Possible topics may include exchange rate overshooting, exchange rate crises, and international policy coordination. Prerequisite: ECON 605 and MATH 116. LEC.

ECON 760. The Theory of Public Finance. 3 Hours.
An analysis of governmental fiscal activity and its economic effects with emphasis on the determination and incidence of budget policy. Prerequisite: ECON 520 and ECON 522; ECON 622 recommended. LEC.

ECON 761. Public Sector: Urban and Regional Finance. 3 Hours.
An analysis of the American state and local finance scene with special emphasis on urban and regional tax and expenditure problems and issues. Prerequisite: ECON 520 and ECON 522; ECON 622 recommended. LEC.

ECON 765. Advanced American Economic Development. 3 Hours.
A study of the process of economic growth as it has occurred in the American economy, with emphasis on 19th century developments. The structural changes that accompanied growth and the impact of technological change are among the major topics considered. Prerequisite: ECON 520, ECON 522 and ECON 530, or consent of instructor. LEC.

ECON 766. Economic History. 3 Hours.
The development of market economies and economic institutions. The course will focus on Europe, but will include comparisons with other developed nations. Topics include: long-run economic growth, the rise of capitalism agriculture and industry, the causes and consequences of technological change; changes in income distribution and economic organization; and the social and cultural effects of economic change. Prerequisite: ECON 520, ECON 522, and ECON 535 or ECON 530, or consent of instructor. LEC.

ECON 768. The Industrial Revolution. 3 Hours.
An examination of the development of the industrialization of England and its impact on the North Atlantic economy. Consideration will be given to the effects of demographic and technical changes upon economic structure and the changing economic relationships between nations. Prerequisite: ECON 520 and ECON 522 or consent of instructor. LEC.

ECON 769. Financial Economics. 3 Hours.
An introduction to the economic analysis of choice under uncertainty and asset pricing theory. Topics include the general equilibrium Arrow-Debreu model of complete markets; capital asset pricing model; stochastic dominance; portfolio frontiers; mutual fund separation theorems; arbitrage pricing theory; valuation of derivative securities. Both single-period models and multi-period models will be discussed. Students should have some background in elementary linear algebra, calculus, and probability theory. Prerequisite: DSCI 301 and ECON 700 or equivalent. LEC.

ECON 770. Economics of the Labor Market. 3 Hours.
A theoretical and empirical analysis of labor supply and demand, human capital, information and labor mobility, unemployment, discrimination, and union behavior and influence. Prerequisite: ECON 520, and MATH 121 or MATH 115 and MATH 116. LEC.

ECON 790. Game Theory and Applications. 3 Hours.
This course covers basic game theory and applications. Topics covered include strategic games with complete information, Bayesian games (with incomplete information), extensive games with perfect information, and extensive games with imperfect information. Equilibrium concepts covered include Nash equilibrium, mixed-strategy Nash equilibrium, rationalizability, Bayesian Nash equilibrium, sub-game perfect Nash equilibrium, and sequential equilibrium. Depending on availability of time, additional topics may include strictly competitive games and repeated games. The course may include diverse applications such as in business strategy, auctions, voting, international trade, military conflicts, contracts, regulation, and industrial organization. Prerequisite: MATH 122 and MATH 526. LEC.

ECON 791. Game Theory and Applications II. 3 Hours.
This course is a continuation of game theory and applications (ECON 790). Topics may include rationality and common knowledge, multi-stage games and repeated games, coalitional games and the core, and sequential rationality, including possible applications such as signaling, reputation, and information transmission. Additional topics may include, among others, strictly competitive games, auctions, and evolutionary game theory. The course may include diverse applications within and outside economics. Prerequisite: ECON 790 or consent of instructor LEC.

ECON 800. Optimization Techniques I. 3 Hours.
Economic models involving the maximization of a scalar (vector) function subject to equality and inequality constraint where the variables are in a finite dimensional Euclidean space. Characterization of optimal points by way of first and second order derivatives and by way of saddle points.
Duality theorems of mathematical programming. Prerequisite: Consent of instructor. LEC.

**ECON 801. Microeconomics I. 3 Hours.**
An advanced course in price and distribution theory. Prerequisite: ECON 800 or consent of instructor. LEC.

**ECON 802. Microeconomics II. 3 Hours.**
The study of the operation of the economic system taking into account the diversity of goods and services. Primary attention is centered upon the competitive economy. A study is made of the existence, uniqueness, stability, and comparative statics of equilibrium positions. In addition, a study is made of ways of evaluating alternative states of the economy in terms of systems of value judgments. This includes a discussion of the Arrow Impossibility Theorem; the notion of a Pareto-satisfactory process is introduced and the relationship between Pareto-optimal states and competitive equilibrium positions is studied. Prerequisite: ECON 801. LEC.

**ECON 803. Growth Theory. 3 Hours.**
The study of Harrod-Domar growth models; the Solow model; Uzawa’s two sector model; n-sector growth models; the Ranis-Fei development models; and other applications of growth theory to public policy. Prerequisite: ECON 700 and ECON 701. LEC.

**ECON 805. Teaching Methods in Economics. 3 Hours.**
The goal of the course is to enhance undergraduate student learning by refining and expanding the teaching techniques in the teaching assistant’s arsenal. The course starts by discussing and illustrating the importance of setting the tone on the first day of class. Then the course turns to ways of creating intellectually exciting lectures and discussion sessions. Active learning comes next as the course presents techniques to involve actively the students in their learning experience. Then the course examines ways for recognizing and broadening our teaching styles to include different learning styles. The course also discusses the evaluation of students by emphasizing the importance of matching the assessment of students with course objectives. This course will not assume any prior teaching experience. Prerequisite: Consent of instructor. LEC.

**ECON 809. Optimization Techniques II. 3 Hours.**
Economic models involving the maximization of an integral (a vector of integrals) subject to differential equality (inequality), integral equality (inequality), and finite equality (inequality) constraints. Characterization of optimal paths by way of first and second derivatives. Existence of optimal paths. Prerequisite: Consent of instructor. LEC.

**ECON 810. Macroeconomics I. 3 Hours.**
A survey of basic macroeconomic models, including Classical and Keynesian as well as more recent ones. Topics also cover monetary and fiscal stabilization policies, the role of rational expectations, and basic behavioral equations. Tradeoffs of inflation and unemployment are examined both theoretically and empirically. Prerequisite: ECON 809 or consent of instructor. LEC.

**ECON 811. Macroeconomics II. 3 Hours.**
Structure of dynamic models and intertemporal optimization. Monetary and real business cycle theories and long-run economic growth. Macroeconomic foundations of macroeconomics, theories of explicit and implicit contracts, and implications of overlapping generations models. Prerequisite: ECON 810. LEC.

**ECON 817. Econometrics I. 3 Hours.**
An intensive study of the general linear model and distribution theory associated with the multivariate normal; stochastic difference equation; autocorrelation, errors in variables. Prerequisite: MATH 628. LEC.

**ECON 818. Econometrics II. 3 Hours.**
The study of estimation and hypothesis testing within the context of the stochastic simultaneous equations model. Prerequisite: ECON 817. LEC.

**ECON 820. Applied General Equilibrium. 3 Hours.**
A study of numerical applications of Walrasian general equilibrium theory to problems in public finance, international trade, and macroeconomics. The Arrow-Debreu model will be reviewed with emphasis on the use of Kakutani’s fixed point theorem to prove existence of equilibrium. Fixed point algorithms used to solve the general equilibrium model will be studied. The Shoven-Whalley method for introducing taxes into the general equilibrium model will be discussed and extended to open economy models with tariffs and quotas. Finally, dynamic macroeconomic models will be studied and financial assets will be introduced in perfect foresight models. Prerequisite: ECON 801. LEC.

**ECON 825. Tutorial. 0 Hours.**
This course is designed to provide extra assistance for graduate students in economics. RSH.

**ECON 830. Game Theory and Industrial Organization. 3 Hours.**
A comprehensive introduction to game theory and the theory of industrial organization. Basic game theoretic equilibrium concepts will be discussed in the context of static games, games of incomplete information, and dynamic games. These concepts will be applied to the theory of industrial organization. Topics may include mechanism design, market failure, monopoly, imperfect competition and oligopoly, limit pricing, predatory pricing, innovation and technical change, advertising and signaling theory, collusion and coordination, regulation under incomplete information, agency and auditing problems, incentives in hierarchies, job market signaling, insurance markets, nonlinear pricing and monopoly, and bargaining and long term relations. Prerequisite: ECON 801 and 802. RSH.

**ECON 831. Economics of Regulation. 3 Hours.**
This course provides an analytical introduction to the study of the economic rationale for and effects of government regulation of industry. Special emphasis will be placed on public utility regulation. Prerequisite: ECON 700. LEC.

**ECON 835. Comparative Economic Systems. 3 Hours.**
Comparative studies of the organization, operation, and performance of economic systems. Theoretical issues involving the comparison of different economic systems will be covered. Theoretical characterizations of different economic systems such as capitalistic economies, socialist economies, and centrally planned economies, will be developed. Case studies of economic institutions and economic performance in various countries will be examined. Prerequisite: ECON 700 and ECON 701. LEC.

**ECON 840. Microeconomic Issues in Development Economics. 3 Hours.**
This course will examine the process and policies of economic development from a microeconomic perspective. Selected topics may include: the use of input-output matrices in development planning; price controls and corrections for their allocative distortions; international trade policies; transformations from planned to market economies; labor markets and labor mobility; and capital markets and capital mobility. LEC.

**ECON 842. Theory of Economic Planning. 3 Hours.**
Formal construction of the foundations of economic planning with emphasis on concise discussion of the logic behind the techniques utilized in economic planning. Topics that will be studied include: social welfare, short-term planning, price guided planning procedures, non-price guided planning procedures, long-term planning objectives, and characteristics of optimal plans. Prerequisite: ECON 802 or consent of instructor. LEC.
ECON 844. Macroeconomic Issues in Development Economics. 3 Hours.
This course will examine the process and policies of economic development from a macroeconomic perspective. Topics will include the theory of growth in the dual economy, the role of foreign trade in economic development, inflation and stabilization in developing economies, the problem of foreign debt, the relationship between financial and real development, and various development policies. Prerequisite: ECON 810 or consent of instructor. LEC.

ECON 850. The Advanced Theory of International Finance. 3 Hours.
This is an advanced course in international finance. Possible topics include optimizing, equilibrium models of exchange rate determination, empirical tests of international asset-pricing models, international policy coordination, and properties of different international monetary arrangements. Prerequisite: ECON 811. LEC.

ECON 851. The Theory of International Trade. 3 Hours.
The study of the pure theory of international trade; factor-price equalization, trade and welfare, general equilibrium in the international economy, comparative statics, and stability conditions. Prerequisite: ECON 700 and ECON 701. LEC.

ECON 855. Natural Resources. 3 Hours.
Advanced analysis of the economic relationships between natural resources, population, and environment. Emphasis is on the analytical techniques useful for solving the economic problems of natural resource allocation over time. Prerequisite: ECON 700. LEC.

ECON 860. Advanced Public Finance. 3 Hours.
A rigorous treatment of the economics of the public sector. Emphasis will be placed on government expenditure and taxation. Possible topics include tax incidence, optimal taxation, dynamic analysis of fiscal policy, public goods, and cost benefit analysis. Prerequisite: ECON 801 or permission of instructor. LEC.

ECON 866. Selected Problems in American Economic History. 3 Hours.
A critical study of selected aspects of American economic history with particular emphasis upon the testing of hypotheses that have been advanced to explain the growth and development of the American economy. Prerequisite: ECON 766. LEC.

ECON 869. Advanced Financial Economics. 3 Hours.
This course presents an analysis of financial markets and instruments, together with the quantitative tools essential for research in the field. The material will be presented in a discrete time setting and will stress the link between financial economics and equilibrium theory. Topics will include securities pricing in the absence of arbitrage, the theory of risk and utility in the basic portfolio problem, mean variance analysis and the CAPM, the Martingale properties of security prices, restricted participation, asymmetric information, and recent research results. Prerequisite: ECON 802 or consent of instructor. LEC.

ECON 870. Applied Microeconomics. 3 Hours.
This course introduces students to the data and empirical methods used in the fields of applied economics such as labor economics, public finance, and industrial organization. The course will focus on how to adjust for self-selection and identify causal relationships in applied microeconomic fields. Topics covered include economic data and statistical programming, instrumental variables, difference-in-differences, regression discontinuity, count data, sample selection, treatment effects, and duration models. Attention will be given to the suitability of the methods to the research question under consideration. Each topic will emphasize the proper application of the methods using the standard textbook treatment as well as assigned papers that examine the basic economic issues, the econometric techniques, and the applications to data. Prerequisite: ECON 817 and ECON 818, or consent of instructor. ECON 915 is recommended. LEC.

ECON 880. Selected Topics in Economic Theory: _____. 1-3 Hours.
An advanced course in economic theory that will study selected topics in economic theory such as consumer theory, linear economics, decision theory, stability of economic equilibrium, comparative statics, etc. Prerequisite: Consent of instructor. LEC.

ECON 899. Master's Thesis. 1-10 Hours.
THE.

ECON 901. Advanced Economic Theory I. 3 Hours.
Advanced study of current general equilibrium analysis, the mathematical tools involved in such analysis, and some applications to other branches of economic theory. Prerequisite: ECON 802 and ECON 810. LEC.

ECON 902. Advanced Economic Theory II. 3 Hours.
A continuation of the advanced study of general equilibrium analysis. Prerequisite: ECON 901. LEC.

ECON 910. Economic Theory Seminar-Workshop. 1-3 Hours.
This seminar-workshop is designed to study advanced research topics in the areas of microeconomic and macroeconomic theory, and also provide assistance in the preparation and development of the dissertations of Ph.D. candidates in these areas of specialization. LEC.

ECON 911. Applied Macroeconomics. 3 Hours.
An advanced exploration of the microeconomic foundations of macroeconomics, neoclassical macroeconomics with and without money, Keynesian and neo-Keynesian macroeconomics, and economic stabilization, inflation, and unemployment. Prerequisite: ECON 802 and ECON 810. LEC.

ECON 912. Advanced Macroeconomics. 3 Hours.
An analysis of economic policy in dynamic economic models. The effects of various policies on the equilibrium, stability, and adjustment paths of the models will be considered. Both open and closed economies will be analyzed. Prerequisite: ECON 810. MATH 320 is recommended. LEC.

ECON 913. Monetary Economics. 3 Hours.
This course examines how money, monetary policy, and monetary institutions influence the macroeconomy. Modern theories of money demand are presented and critiqued. The function of commercial banks, non-bank financial intermediaries, and central banks in the money supply process is addressed. Interrelationships between the tools, the instruments, the operating procedures, the intermediate targets, and the goals of policy are examined. Additional topics may include the monetary transmission mechanism, the effect of uncertainty on optimal policy decisions, the rules versus discretion debate, the monetary implications of fiscal policy, the term structure of interest rates, the causes and consequences of bank runs and financial panics, and the optimal method of constructing weighted monetary aggregates. Prerequisite: ECON 811 or consent of instructor. LEC.

ECON 915. Advanced Econometrics I. 3 Hours.
The study of selected topics in applied cross-section econometrics for use mainly in applied microeconomics, public finance, and labor economics. Topics include traditional econometrics of production and demand, latent variable models, panel data studies, probit/choice models, censored and truncated models, sample selection, disequilibrium models, duration studies, and semi- and non-parametric models. Prerequisite: ECON 818, or consent of instructor. LEC.

ECON 916. Advanced Econometrics II. 3 Hours.
A study of selected topics in applied time-series econometrics for use mainly in applied macroeconomics, international finance, and
development economics. Topics include empirical applications of ARCH models, VAR models (study of impulse response function and variance decomposition), unit-root cointegration and long memory models. Bayesian unit root analysis, estimation and inference of dynamic general equilibrium models, model calibration and simulation are also possible topics of this course. Prerequisite: ECON 818, or consent of instructor. LEC.

ECON 917. Advanced Econometrics III. 3 Hours. A study of structural and nonlinear time series approaches to econometric modeling and inference. The course emphasizes techniques needed to use economic theory in system-wide econometrics. Emphasis is placed on selection of functional form for approximation to theoretical functions and the use of duality theorems for derivation of the resulting econometric systems of equation. Inference with those models will be by nonlinear parametric, semi-parametric, and nonparametric methods. Prerequisite: ECON 818. LEC.

ECON 918. Financial Economics. 3 Hours. This course is designed to provide a variety of new econometric tools useful to investigate financial data. It discusses how to measure and forecast financial volatility using models such as Stochastic Volatility, multivariate GARCH, and Dynamic Conditional Correlation models. It also covers Dynamic Factor models and State Space models, which can be used in many financial data analyses. The course will be particularly helpful for the students preparing dissertations in the field of finance, macro-finance, monetary economics, international finance, and development economics. It will also benefit the students interested in more practical use of tools in the field such as financial risk management, insurance, and commercial banking. Prerequisite: ECON 818. ECON 916 is recommended. LEC.

ECON 920. Econometrics Seminar-Workshop. 1-3 Hours. This seminar-workshop is designed to study advanced research topics in the area of econometric theory and application, and also provide assistance in the preparation and development of the dissertations of Ph.D. candidates in this area of specialization. LEC.

ECON 925. Economic Dynamics. 3 Hours. A study of the concepts of equilibrium and stability in various economic frameworks; static economies, changing economies, and disaggregated and aggregated economies. Prerequisite: ECON 802. LEC.

ECON 930. Economic History Seminar-Workshop. 1-3 Hours. This seminar-workshop is designed to study advanced research topics in the area of economic history, and also provide assistance in the preparation and development of the dissertations of Ph.D. candidates in this area of specialization. LEC.

ECON 940. Economic Seminar-Workshop in: ____. 1-3 Hours. This seminar-workshop is designed to study advanced research topics in the specified area of applied economics (public finance, monetary analysis, environment-energy, economic growth and development, urban economics, health care economics, natural resources, labor-market, international trade and finance, comparative economic systems, Soviet economics), and also provide assistance in the preparation and development of the dissertations of Ph.D. candidates with dissertations in a specific area of applied economics. LEC.

ECON 950. Special Problems in Economics. 1-3 Hours. LEC.

ECON 955. Advanced Topics in Natural Resources. 3 Hours. Rigorous analysis of an Arrow-Debreu economy with natural resources and extensions (including optimal growth, planning procedures, and uncertainty). Investigation of current research topics in theoretical and applied resource economics. Required course for Ph.D. candidates writing dissertations in natural resources. Prerequisite: Consent of instructor. ECON 927 recommended. RSH.

ECON 970. Advanced Labor Economics. 3 Hours. A survey of recent labor economics research. Topics include labor supply and demand, human capital investment, and unemployment. Prerequisite: ECON 770. LEC.

ECON 999. Doctoral Dissertation. 1-10 Hours. THE.

English Courses

ENGL 50. Basic Writing Skills. 3 Hours. U. A review of the basic skills of written English, with emphasis on sentence-level grammar. Recommended for all students who score 16 or below on the ACT English test. May be repeated for credit. LEC.

ENGL 101. Composition. 3 Hours. GE11 / U. Instruction and practice in writing in a variety of rhetorical contexts, including academic ones. LEC.

ENGL 102. Critical Reading and Writing. 3 Hours. GE21 / U. Builds upon the instruction in writing of ENGL 101, emphasizing critical thinking through careful, thoughtful reading and writing. Also instructs in the evaluation and use of secondary sources. Prerequisite: Completion of ENGL 101 or its equivalent, or an ACT score of 27-31, or an SAT score of 600-649, or an AP exam score of 3 on either the Literature and Composition exam or the Language and Composition exam, or an IB score of 5. LEC.

ENGL 105. Freshman Honors English. 3 Hours. GE21 / U. Study of significant works of world literature. The primary aims are to develop reading and writing skills and to introduce the students to works of literature drawn from a variety of genres and historical periods. Prerequisite: An ACT score of 31-36, or an SAT score of 650 or higher, or an AP exam score of 3 on either the Literature and Composition exam or the Language and Composition exam, or membership in the University Honors Program. LEC.

ENGL 177. First Year Seminar: ____. 3 Hours. GE11 / U. A limited-enrollment, seminar course for first-time freshmen, addressing current issues in English. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

ENGL 200. Study Abroad Topics in: ____. 1-6 Hours. H. This course is designed for the study of special topics in English. Coursework is completed through a KU study abroad program. Available only to KU study abroad participants. May be repeated for credit if content varies. Does NOT fulfill any part of the Freshman-Sophomore requirement. LEC.

ENGL 203. Topics in Reading and Writing: ____. 3 Hours. GE11/GE21/GE3H / H. In-depth reading and writing on a significant topic, theme, or genre. Includes a variety of textual types or a range of historical periods. Continued practice in critical reading and writing. May include but will not be limited to writing in literary genres. Prerequisite: Completion of ENGL 101 and ENGL 102, or their equivalent. LEC.

ENGL 205. Freshman-Sophomore Honors Proseminar: ____. 3 Hours. GE11/GE21/GE3H / H. Study of a major movement, topic, or theme in literature and culture. The primary aims are to further develop reading and writing skills and to consider significant cultural and artistic issues. Prerequisite: ENGL 105 or
ENGL 209. Introduction to Fiction. 3 Hours. GE11/GE21/G3H / H. In-depth reading of and writing about prose fiction with emphasis on critical analysis of a variety of narrative types from different historical periods. Prerequisite: Completion of ENGL 101 and ENGL 102, or their equivalent. LEC.

ENGL 210. Introduction to Poetry. 3 Hours. GE11/GE21/G3H / H. In-depth reading of and writing about poetry with emphasis on critical analysis of a variety of forms and techniques used in poems from different historical periods. Prerequisite: Completion of ENGL 101 and ENGL 102, or their equivalent. LEC.

ENGL 211. Introduction to the Drama. 3 Hours. GE11/GE21/G3H / H. Study of plays selected to familiarize the student with dramatic masterpieces and with the drama as a literary type. Prerequisite: Completion of ENGL 101 and ENGL 102, or their equivalent. LEC.

ENGL 300. The Bible, the Classics, and Modern Literature. 3 Hours. H.
An introduction to the nature and function of literature, emphasizing Biblical, Classical, and other major cultural traditions and their influence on British and American literature. Some ancient and modern works will be studied in conjunction. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 301. Topics in British Literature to 1800: ____. 3 Hours. H.
Study of British literary works before 1800. Topics may focus on a particular genre, theme, topic, historical period, author, or group of authors. May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 302. Topics in British Literature Since 1800: ____. 3 Hours. H.
Study of British literary works since 1800. Topics may focus on a particular genre, theme, topic, historical period, author, or group of authors. May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 305. World Indigenous Literatures. 3 Hours. NW AE42 / H.
A survey of contemporary world indigenous literatures that includes those from North America, Australia, New Zealand, the South Pacific, the Arctic, and Latin America. Texts are in English (original or translation). Genres studied include the novel, poetry, and drama, supplemented by works from the oral tradition, the visual arts, and film. (Same as ISP 305.) Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 306. Global Environmental Literature. 3 Hours. H.
An examination of a variety of literary and other representations of human and non-human environments and environmentalism. Particular attention will be paid to how race, gender, class, sexuality, and geography produce and are produced by those representations. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 308. Introduction to Literary Criticism and Theory. 3 Hours. GE3H / H.
Study of significant problems in literary interpretation and methodology, in which basic critical principles and approaches are systematically examined and applied. These approaches might include, but are not limited to, feminism, Marxism, deconstruction, psychoanalysis, and cultural studies. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 309. The British Novel. 3 Hours. HL / H.
Study of five or more significant novels representative of developments in the British novel of the eighteenth, nineteenth, and twentieth centuries. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 310. Literary History I. 3 Hours. H.
A study of literature in English, including major forms and movements, from the medieval period to Romanticism. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 311. Major British Writers to 1800. 3 Hours. H.
Outstanding works of British literature, from the earliest times to the close of the eighteenth century, studied in chronological sequence and with some attention to the characteristics of the various periods of English literary history embraced. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 314. Major British Writers after 1800. 3 Hours. H.
Outstanding works of British literature, from 1800 to the present, studied in chronological sequence and with some attention to the characteristics of the various periods of English literary history embraced. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 315. Studies in British Literature. 3 Hours. HL AE42 / H.
For students enrolled in the annual summer Study Abroad program, an interdisciplinary program conducted with other humanities departments. British literature is studied in the context of visits to relevant sites such as London, the Lake District, and Edinburgh. Prerequisite: Prior completion of the KU Core Written Communication requirement. Approval for enrollment in the Summer Institute through the Study Abroad office is required. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 316. Introduction to Major American Writers. 3 Hours. H.
Outstanding works of American literature, studied in chronological sequence and with some attention paid to the characteristics of the various periods of American literary history embraced. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 317. Topics in American Literature to 1865: ____. 3 Hours. H.
Study of American literary works before 1865. Topics may focus on a particular genre, theme, topic, historical period, author, or group of authors. May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 318. Topics in American Literature Since 1865: ____. 3 Hours. H.
Study of American literary works since 1865. Topics may focus on a particular genre, theme, historical period, author, or group of authors. May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 320. American Literature I. 3 Hours. H.
From the beginnings to 1865, with emphasis on the major writers and movements. Prerequisite: Prior completion of the KU Core Written
Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 322. American Literature II. 3 Hours. H.**
From 1865 to the present, with emphasis on the major writers and movements. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 323. Twentieth Century Literature and Culture. 3 Hours. H.**
The study of British and American literature, emphasizing important figures and movements since World War I. On occasion, the study of literature will be enriched with an investigation of other arts, such as music, film, and painting. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 324. Contemporary Authors: _____ 3 Hours. H.**
Study of one or more recent British and/or American authors. (Different authors in different semesters.) May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 325. Recent Popular Literature. 3 Hours. H.**
Study of recent best sellers or other works of popular interest. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 326. Introduction to African Literature. 3 Hours. NW AE42 / H/W.**
Reading, analysis, and discussion of contemporary fiction, poetry, and drama from sub-Saharan Africa. Brief attention is paid to historical development and to traditional literature. (Same as AAAS 332.) Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 327. Studies in Twentieth-Century Drama: _____ 3 Hours. H.**
A survey of major twentieth-century playwrights and theatre groups, to be selected by the instructor. May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 328. Literature and Film: _____ 3 Hours. H.**
The comparative study of the literary and film treatments of a particular topic or theme, with special attention to the generic qualities of literature and film. May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 330. Literary History II. 3 Hours. H.**
A study of literature in English, including major forms and movements, from the Romantics to the present. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 331. Chaucer. 3 Hours. H.**
Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 332. Shakespeare. 3 Hours. H.**
A study of ten to fourteen of Shakespeare’s plays. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 333. Major Authors: _____ 3 Hours. H.**
Study of one or two major British and/or American authors. Different authors in different semesters. May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 336. Jewish American Literature and Culture. 3 Hours. AE41 / H.**
An examination of Jewish American literature and culture from the 17th century to the present. Materials may include a broad range of literary genres as well as folklore, music, film, and visual art. (Same as JWSH 336.) Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 337. Introduction to U.S. Latino/a Literature. 3 Hours. AE41 / H.**
An historical survey of literature by U.S. Latina/o writers of Mexican, Puerto Rican, Cuban, Dominican, and Central/South American descent. Various genres, including oral forms such as corridos as well as novels, poetry, essays, and autobiographical writing, will be considered. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 338. Introduction to African-American Literature. 3 Hours. AE41 / H.**
An introduction to prominent works of African-American literature from the 18th century to the present as well as to the basic approaches to study and principles of this body of work, including its connection with African sources. Literature will include a wide variety of genres, and course materials may be supplemented by folklore, music, film, and visual arts. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 339. Introduction to Caribbean Literature. 3 Hours. AE42 / H.**
Reading, analysis, and discussion of fiction, poetry, and drama from the Caribbean, including a small selection of Spanish, French, and Dutch Antillean works in translation. (Same as AAAS 333.) Prerequisite: ENGL 102 and one 200-level course in English or consent of instructor. LEC.

**ENGL 340. Topics in U.S. Ethnic Literature: _____ 3 Hours. AE41 / H.**
A study of literature by authors from one or more ethnic groups within the U.S., including but not limited to Asian American, African American, American Indian, Jewish American, Italian American, U.S. Latina/o. Different topics in different semesters. May be repeated for credit as topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 341. American Literature of Social Justice. 3 Hours. H.**
An examination of U.S. literature that addresses situations of political and economic oppression or repression with the potential function of enlisting readers sympathies in a project of social justice. The course focuses on U.S. literary texts dealing with social injustice and the curtailment of human and civil rights and addresses debates surrounding cultural authority and authenticity, identity politics, attempts to represent the voice of the “oppressed,” revision of strategies used in slave narrative or in testimonio, and ethical and rhetorical appeals to an assumed readership. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

**ENGL 342. American Literature of Social Justice II. 3 Hours. H.**
Continued study of American literature that addresses situations of political and economic oppression or repression. Prerequisite: ENGL 341. LEC.

**ENGL 343. American Literature of Social Justice III. 3 Hours. H.**
A continuation of ENGL 341, focusing on current debates in American literature. Prerequisite: ENGL 342. LEC.
ENGL 351. Fiction Writing I. 3 Hours. H.
A study of narrative techniques and practice in the writing of fiction. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 352. Poetry Writing I. 3 Hours. H.
A study of prosody and practice in the writing of verse. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 353. Screenwriting I. 3 Hours. H.
An introduction to the practice of writing and evaluating scripts for film. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 354. Playwriting I. 3 Hours. H.
An introduction to the practice of writing and evaluating scripts for stage. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 355. Nonfiction Writing I. 3 Hours. H.
An introduction to the literary techniques of nonfiction and practice in the writing of one or more of the genre’s subtypes, such as the personal essay, the familiar essay, the lyric essay, the memoir, nature writing, or travel writing. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 356. Foundation of Technical Writing. 3 Hours. H.
Introduces students to the principles of technical communication. Students learn to organize, develop, write, and revise various technical documents (e.g., letters, manuals, presentations, proposals, reports, resumes, websites) often needed in business, engineering and scientific settings. Includes an introduction to technical-writing software. This course fulfills the prerequisite for English 562 and English 564. Prerequisite: Prior completion of the KU Core Written Communication requirement. LEC.

ENGL 357. Introduction to Rhetoric and Composition. 3 Hours. GE3H / H.
Introduces students to rhetoric and composition, a field that investigates questions about the nature, processes, teaching and historical, social and cultural contexts of writing. Students survey the themes, debates, and trends that inform the work of scholars in this field. Students also become acquainted with the historical traditions of discourse instruction, and the relevance of those traditions to our current understandings of writing. Prerequisite: Prior completion of the KU Core Written Communication requirement. LEC.

ENGL 358. The Development of Modern English. 3 Hours. H.
An introduction to the history of the English language, with special attention to general structural changes throughout its history, especially changes in vocabulary and meaning, and past influences of other languages upon present usage. Prerequisite: Prior completion of the KU Core Written Communication requirement. LEC.

ENGL 359. English Grammar. 3 Hours. U.
A course in traditional English grammar for students who wish to understand and be able to analyze English sentence structure. Students might apply the course to studies of style (their own or other authors’), rhetorical analysis, literary interpretation, or teaching. This course may be offered in either lecture or online format. Prerequisite: Prior completion of the KU Core Written Communication requirement. LEC.

ENGL 360. Advanced Composition: ____. 3 Hours. H.
The principles of effective composition, as applied to a specific topic such as critical writing, expository writing, pre-legal English, book reviewing, etc. May be repeated for credit as topic varies. Prerequisite: Prior completion of the KU Core Written Communication requirement. LEC.

ENGL 361. Professional Writing: ____. 3 Hours. H.
Principles of writing for specific professional contexts, which might include such areas as business writing, legal writing, and literary or arts reviewing, etc. May be repeated for credit as topic varies. Prerequisite: Prior completion of the KU Core Written Communication requirement. LEC.

ENGL 479. The Literature of: ____. 3 Hours. H.
A study of the literary treatment of a particular aspect of British and/ or American society. May be repeated for credit as the topic changes. Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

ENGL 489. The London Review. 3 Hours. AE42 / H.
This class meets one day a week throughout the semester and includes a nine-day visit to London over the spring break period. Students spend the early part of the semester selecting special interests, researching places to visit and study, and exchanging information. After the trip, students compile and publish a journal entitled "The London Review", which is comprised of essays, photos, art work, and other reflections about their experience in London. Prerequisite: Admission to University Honors Program or permission of instructor. LEC.

ENGL 494. Research Internship. 1-3 Hours. H.
Practical research experience in English studies gained by assisting a faculty member on a faculty research, editorial, pedagogical, or outreach project. Credit hours are graded by faculty on a satisfactory/unsatisfactory basis. May be used as a component of the Research Experience Program (REP). Prerequisite: At least one 300-level English course, declaration of English major, and permission of instructor. FLD.
ENGL 495. Directed Study: ____. 1-3 Hours. H.
Work for advanced majors in fields or on topics not covered in course work. May be repeated for a total of up to six hours. Does not satisfy specific course requirements for the English major. May be counted as part of the total junior-senior credit hours required. Prerequisite: Completion of three junior-senior courses in English and consent of instructor. IND.

ENGL 496. Internship. 1-3 Hours. H.
Practical experience in the use of English skills in supervised academic or professional settings. Credit hours are graded on a satisfactory/unsatisfactory basis, according to the written evaluation provided by the supervisor to the director. Prerequisite: At least one 300-level English course, declaration of English major, and permission of Undergraduate Director. FLD.

ENGL 497. Service Learning Internship. 1-3 Hours. H.
Practical experience in the use of English skills in a non-profit or advocacy context. Credit hours are graded by faculty on a satisfactory/unsatisfactory basis, according to the written evaluation student provided by the on-site supervisor and on the student's written reflective component assigned and evaluated by the supervising faculty member. May be used as a component of the Service Learning certification program. Prerequisite: At least one 300-level English course, declaration of English major, and permission of instructor. FLD.

ENGL 506. Science Fiction. 3 Hours. AE61 / H.
The development of science fiction as a literary genre, and as a literature of ideas for a future-oriented society. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 507. Science, Technology, and Society: Examining the Future through a Science-Fiction Lens. 3 Hours. AE61 / H.
Science and technology offer many benefits to individuals and to societies, yet they also present many challenges. This course explores the past, present, and possible future effects of science and technology on society through readings and discussions of nonfiction articles in conjunction with science-fiction stories and novels. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 508. Contemporary Literary Theory. 3 Hours. AE61 / H.
Study of selected works of literary theory and of current issues in literary studies. The course is designed for advanced undergraduates who intend to continue their study of literature in graduate school and for new graduate students who require a grounding in literary theory. According to each instructor's interest, the course may survey contemporary literary theory or may focus on a particular topic (e.g., authorship, canon formation, creativity, metaphor, narrative, rhetoric) or on a theoretical position (e.g., cultural studies, deconstruction, feminism, historicism, Marxism, psychoanalysis). A student may repeat the course with the permission of the appropriate director. Prerequisite: Completion of three junior-senior courses in English (or their equivalent) or graduate standing. LEC.

ENGL 520. History of the Book. 3 Hours. AE61 / H.
Brief history of writing materials and handwritten books; history of printed books from the fifteenth century as part of cultural history; technical progress and aesthetic change. (Same as HIST 500.) LEC.

ENGL 521. Advanced Topics in British Literature 1800: ____. 3 Hours. AE61 / H.
A Study of texts written before 1800. May be organized around a particular genre, historical period, a group of writers, or a theme. May be repeated for credit as topic varies. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 522. Advanced Topics in British Literature After 1800: ____. 3 Hours. H.
A study of texts written after 1800. May be organized around a particular genre, historical period, group of writers, or a theme. May be repeated for credit as topic varies. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 525. Shakespeare: ____. 3 Hours. AE61 / H.
Intensive study of selected works. May be repeated for credit as the topic changes. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 530. Irish Literature and Culture: ____. 3 Hours. AE61 / H.
Study of topics in Irish literature and culture. Topics may focus on a particular genre, theme, historical period or group of authors. May be repeated for credit as the topic changes. (Same as EURS 512.) Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 531. James Joyce. 3 Hours. AE61 / H.
A study of the major works of James Joyce, with the majority of the semester dedicated to Ulysses. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 532. Whitman and Dickinson. 3 Hours. AE61 / H.
A study of selected works of Walt Whitman and Emily Dickinson. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 533. William Faulkner. 3 Hours. H.
A study of selected works of William Faulkner. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 534. Major Authors (Capstone): ____. 3 Hours. H.
Study of one or two major authors. May be repeated for credit as the topic changes. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 536. Readings in the Holocaust. 3 Hours. AE61 / H.
An examination of Holocaust literature, which may include fiction, nonfiction, poetry, drama, and film. Theoretical concerns may include such issues as memory, trauma, representation, imagination, exile, alienation, silence, the body and emotions, and intergenerational transmission. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 551. Fiction Writing II. 3 Hours. AE61 / H.
Continuation of ENGL 351. May be repeated for undergraduate credit up to a total of six hours. Prerequisite: ENGL 351 or equivalent. LEC.

ENGL 552. Poetry Writing II. 3 Hours. AE61 / H.
Continuation of ENGL 352. May be repeated for undergraduate credit up to a total of six hours. Prerequisite: ENGL 352 or its equivalent. LEC.

ENGL 553. Screenwriting II. 3 Hours. AE61 / H.
A continuation of ENGL 353. May be repeated for undergraduate credit up to a total of six hours. Prerequisite: ENGL 353 or its equivalent. LEC.

ENGL 554. Playwriting II. 3 Hours. AE61 / H.
A continuation of ENGL 354. May be repeated for undergraduate credit up to a total of six hours. Prerequisite: ENGL 354 or its equivalent. LEC.

ENGL 555. Nonfiction Writing II. 3 Hours. AE61 / H.
Continuation of ENGL 355. May be repeated for undergraduate credit up to a total of six hours. Prerequisite: ENGL 355 or its equivalent. LEC.
ENGL 560. British Literature of the 20th Century: _____. 3 Hours. AE61 / H.
Study of twentieth-century literary works. Topics may focus on a particular
genre, theme, historical period or group of authors. May be repeated for
credit as the topic changes. Capstone course. Prerequisite: Prior
completion of at least one 300- or 400-level English course. LEC.

ENGL 562. Advanced Technical Writing I. 3 Hours. AE61 / H.
Stresses research methods in technical communication and simulates
on-the-job training through live interviews and other forms of research.
Students master the relevant software tools and begin to develop a
technical-writing portfolio. Prerequisite: ENGL 362. LEC.

ENGL 563. Advanced Technical Writing and Editing. 3 Hours. AE61 / H.
Students apply the principles of communicating business, scientific,
and technical information to targeted readers. Concentration on the varying
writing styles for online documents, proposals, reports, specifications,
journal articles, and larger documents, as appropriate to their audience.
Simulates an internship and helps students further develop a technical-
writing or -editing portfolio. Students provide weekly status reports and
a final report detailing their learning experience and present it to an
appropriate technical communication class to help other students better
understand the field. Prerequisite: Instructor permission. LEC.

ENGL 564. Advanced Technical Editing I. 3 Hours. AE61 / H.
Students learn to use specialized vocabulary and editing tools such as
proofreaders’ marks, style guides, and standard editorial reference
material; and they practice how to identify and correct common problems.
Students usually work with writers in other technical writing courses,
learning to work productively with other peoples’ print and online
documents. Students practice taking editing tests and develop a technical-
editing portfolio. Prerequisite: ENGL 362. LEC.

ENGL 565. The Gothic Tradition. 3 Hours. H.
This course explores and defines the Gothic tradition in British and
American literature from its beginnings in the late eighteenth century to
more recent twentieth-century texts in literature and film. Prerequisite:
Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 567. Modern Drama: _____. 3 Hours. AE61 / H.
A study of American, British, or comparative drama from the late
nineteenth century to the present. May be repeated for credit as the topic
changes. Capstone course. Prerequisite: Prior completion of at least one
300- or 400-level English course. LEC.

ENGL 568. American Literary Environmentalism. 3 Hours. AE61 / H.
An examination of representations of nature and human/nature relations
and their political, social and environmental consequences, with a
special focus on the 19th and 20th centuries, including the writings of
transcendentalists and conservationists, slave narratives, scientific writing
on toxicity and other topics, and environmental justice literature. Capstone
course. Prerequisite: Prior completion of at least one 300- or 400-level
English course. LEC.

ENGL 569. The Modern Tradition. 3 Hours. AE61 / H.
An intensive study of the formative backgrounds of the “modern”
spirit as it is expressed in imaginative literature. Readings from such
influential spokesmen as W. James, Zola, Marx, Darwin, Henry Adams,
Kierkegaard, Dostoevsky, Nietzsche, I.A. Richards, T.S. Eliot, Joyce,
Auden, Rilke, Croce, Yeats, Malraux, Freud, Jung, D.H. Lawrence,
Sartre, Camus, and Gide. Prerequisite: Prior completion of the freshman-
sophomore English requirement or its equivalent. LEC.

ENGL 570. Topics in American Literature: _____. 3 Hours. AE61 / H.
Different topics in different semesters. May be repeated for credit as the
topic changes. Capstone course. Prerequisite: Prior completion of at least
one 300- or 400-level English course. LEC.

ENGL 571. American Indian Literature: _____. 3 Hours. NW AE41/
AE61 / H/W.
The study of a wide range of American Indian literature, from various
tribes and in a variety of genres. Satisfies the non-western culture course
requirement. May be repeated for credit as the topic changes. Capstone
course. Prerequisite: Prior completion of at least one 300- or 400-level
English course. LEC.

ENGL 572. Women and Literature: _____. 3 Hours. AE61 / H.
Different topics in different semesters. May be repeated for credit as the
topic changes. Capstone course. Prerequisite: Prior completion of at least
one 300- or 400-level English course. LEC.

ENGL 573. U.S. Latina/o Literature: _____. 3 Hours. AE41/AE61 / H.
A study of the literature written by U.S. Latina/o writers of Mexican, Puerto
Rican, Cuban, Dominican, and other Central/South American descent,
in a variety of genres. Attention is given to the cultural and historical
contexts of the literature and to the specificity of particular U.S. Latina/
o groups. May be repeated for credit as the topic changes. Capstone
course. Prerequisite: Prior completion of at least one 300- or 400-level
English course. LEC.

ENGL 574. African American Literature: _____. 3 Hours. AE41/AE61 / H.
A study of the literature written by African Americans from the pre-Civil
War period to the present. Emphasis upon specific historical periods in
the development of African American literature as well as on a critical
analysis of major autobiographical, poetic, and fictional works. May be
repeated for credit as the topic changes. Capstone course. Prerequisite:
Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 575. Literature of the American South. 3 Hours. AE61 / H.
A survey of fiction, non-fiction, poetry, and drama written by selected
writers of the American South from the pre-Civil War period to the present.
The course will emphasize the critical analysis of individual texts as well
as the cultural and historical context of the works. Capstone course.
Prerequisite: Prior completion of at least one 300- or 400-level English
course. LEC.

ENGL 576. Advanced Topics in American Literature to 1865: _____. 3 Hours.
AE61 / H.
Study of American literary works before 1865. Topics may focus on a
particular genre, theme, historical period, author, or group of
authors. May be repeated for credit as the topic changes. (Same as AMS
554.) Prerequisite: Prior completion of at least one 300- or 400-level
English course. LEC.

ENGL 577. Advanced Topics in American Literature Since 1865: _____. 3 Hours.
AE61 / H.
Study of American literary works after 1865. Topics may focus on a
particular genre, theme, historical period, author, or group of
authors. May be repeated for credit as the topic changes. (Same as AMS
555.) Prerequisite: Prior completion of at least one 300- or 400-level
English course. LEC.

ENGL 578. Poetry, 1900-1945. 3 Hours. AE61 / H.
A study of English-language poetry of the early twentieth century.
Capstone course. Prerequisite: Prior completion of at least one 300- or
400-level English course. LEC.
ENGL 579. Poetry since 1945. 3 Hours. AE61 / H.
A study of English-language poetry from the mid-twentieth century to the present. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 580. Rhetoric and Writing: ______. 3 Hours. AE61 / H.
A study of selected broad topics in rhetoric and writing, including such topics as the rhetoric of law, the rhetoric of education, persuasion in literature, literacy, and rhetorical genres. May be repeated for credit as the topic changes. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 581. English Language Studies: ______. 3 Hours. H.
A study of selected topics in English language studies (e.g. World Englishes, Language and Literary Style, and The Secret Life of English Words). May be repeated for credit as the topic changes. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 587. American English. 3 Hours. AE61 / H.
A study of the structure, history, and varieties of the English language in the United States from the period of colonization to the present. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 590. Studies in: ______. 1-3 Hours. AE61 / H.
A study of a specialized theme or topic in English studies. May be repeated for credit as the topic changes. Capstone course. Prerequisite: Prior completion of the first-and second-year English requirement or its equivalent, and at least one 300- or 400-level ENGL course; or permission of instructor. LEC.

ENGL 592. Survey of: ______. 3 Hours. AE61 / H.
A broad view of major works and authors in a particular period, genre, or mode. May be repeated for credit as the topic varies. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 596. Technical Communication Internship. 1-3 Hours. AE61 / H.
Practical experience in the use of technical-writing or editing skills in supervised professional settings for which the student normally does not receive pay. A 1-3 hour internship requires 40-120 hours of documented on-site work in one semester (40 hours per credit). Credit hours are graded on a satisfactory/unsatisfactory basis, according to a written recommendation from the student’s workplace manager, student work logs and self-evaluation, and an oral report. Prerequisite: Advanced Technical Writing I (English 562) and permission of instructor. LEC.

ENGL 598. Honors Proseminar: ______. 3 Hours. AE61 / H.
Directed reading and participation in small discussion groups, each formed to consider a specific and limited subject during the semester. Written work will be required, and will be judged on both content and form. The course is part of a departmental program leading to Honors in English. Prerequisite: Admission must be approved by the departmental director of undergraduate studies. LEC.

ENGL 599. Honors Essay. 3 Hours. AE61 / H.
Independent study, culminating in a substantial essay prepared under the direction of a member of the Department of English who is a specialist in the area of the student’s interest. Prerequisite: Admission must be approved by the departmental director of undergraduate studies. LEC.

ENGL 610. The Literature of England to 1500. 3 Hours. AE61 / H.
A survey of the literature of medieval England (in translation). Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 620. Renaissance English Literature: ______. 3 Hours. AE61 / H.
A broad view of literatures written between 1485 and 1660. Surveys may be offered with focus on a particular genre (poetry, drama, or prose), historical period (16th- or 17th-century literature), or group of authors (women writers). May be repeated for credit as topic varies. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 633. Milton. 3 Hours. AE61 / H.
A close reading of Paradise Lost, Paradise Regained, Samson Agonistes, and the minor poems, with illustrative selections of prose. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 640. British Literature, 1600-1800: ______. 3 Hours. AE61 / H.
Study of literary works from the Restoration and eighteenth century. Topics may focus on a particular genre, theme, historical period or group of authors. May be repeated for credit as the topic changes. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 650. Romantic Literature: ______. 3 Hours. AE61 / H.
Study of literary works from the British Romantic period. Topics may focus on a particular genre, theme, historical period or group of authors. May be repeated for credit as the topic changes. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 660. Ecocriticism. 3 Hours. H.
A study of the relationship between various modes of representation and environmentalism. Particular attention paid to the intersection between ecocriticism and other forms of contemporary literary theory, including, for example, critical race studies, poststructuralism, postcolonial theory, gender and sexuality studies, class-based criticism, and animal theory. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 674. African Literature: ______. 3 Hours. NW AE42/AE61 / H.
An advanced study of a topic, genre, or area of written and/or oral African literature. Emphasis is placed on the critical analysis of major works, as well as their cultural and historical contexts. The course also addresses central critical and theoretical debates in the field. May be repeated for credit as the topic changes. Prerequisite: At least one 300- or 400-level English course, or permission of instructor. LEC.

ENGL 690. Studies in: ______. 3 Hours. AE61 / H.
A study of a major topic of concern to English literature. May be repeated for credit as the topic changes. Capstone course. Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

ENGL 707. Literary Criticism to 1800. 3 Hours.
An introduction to the major writings of literary criticism, in their historical context, from Plato and Aristotle to Samuel Johnson. LEC.

ENGL 708. Literary Criticism after 1800. 3 Hours.
An introduction to modern criticism, in its historical context, from Wordsworth and Coleridge to the present. The emphasis will be on major critics and predominant schools. LEC.

ENGL 709. Critical Theory: Problems and Principles: ______. 3 Hours.
Study of a topic (such as mimetic, influence, deconstruction) that is important in critical theory. May be repeated for credit as topic varies. LEC.
ENGL 710. Introduction to Old English. 3 Hours.
A study of the grammatical features of the earliest form of written English, with readings in Old English prose and poetry. LEC.

ENGL 712. Beowulf. 3 Hours.
Prerequisite: An introductory course in Old English. LEC.

ENGL 714. Middle English Literature. 3 Hours.
Reading of selected works in Middle English (exclusive of the works of Chaucer). LEC.

ENGL 720. Chaucer: ______. 3 Hours.
Intensive study of either the Canterbury Tales or Troilus and Criseyde and the earlier poems. May be repeated for credit up to a maximum of six hours. LEC.

ENGL 725. Shakespeare: ______. 3 Hours.
Intensive study of selected plays. May be repeated for credit as the topic varies. LEC.

ENGL 730. Topics in Early Modern Literature: ______. 3 Hours.
Intensive study of texts written between 1485 and 1800. The course may be organized around a particular genre (poetry, prose, drama), historical period (e.g. Elizabethan literature), a major author (e.g. Milton), group of authors (e.g. women writers), or theme (e.g. literature and politics 1660-1800). Students will be expected to read and apply relevant criticism and theory as well as study primary texts. May be repeated for credit as topic varies. LEC.

ENGL 750. British Literature of the 19th Century: ______. 3 Hours.
Intensive study of British literary works of the 1800s. Topics may focus on a particular genre, theme, historical period or group of authors. May be repeated for credit as the topic changes. LEC.

ENGL 751. Fiction Writing III. 1-3 Hours.
Practice in the writing of fiction under the direction of a member of the department working in conjunction with one or more writers in residence. Membership is limited to students who submit, well in advance enrollment, manuscripts showing unusual ability. May be repeated for credit. LEC.

ENGL 752. Poetry Writing III. 1-3 Hours.
Practice in the writing of poetry under the direction of a member of the department working in conjunction with one or more writers in residence. Membership is limited to students who submit, well in advance of enrollment, manuscripts showing unusual ability. May be repeated for credit. LEC.

ENGL 753. Writers Workshop. 1-3 Hours.
An intensive course in writing prose fiction and/or verse. Criticism (NEW) of manuscripts through group meetings and individual conferences with the instructor. Membership limited to students who submit manuscripts showing special ability in at least one of the creative writing forms. May be repeated for credit. LEC.

ENGL 756. Forms: ______. 3 Hours.
A study of literary works belonging to a particular genre or to multiple genres (fiction, nonfiction, poetry, drama etc.), either in a particular form (short story, essay, sonnet, etc.), concerned with a particular topic, or illustrative of a particular element of craft (voice, point of view, character development, etc.). Intended primarily for creative-writing students with an interest in developing their skills at reading as writers. May be repeated for credit as the topic varies. LEC.

ENGL 757. Speculative Fiction Writing Workshop. 3 Hours.
An intensive, 2-week course in writing speculative fiction, including genres such as slipstream, magical realism, fantasy, horror, and science fiction. The course is part of the Center for the Study of Science Fiction Summer Institute. Application period: January 1 - April 15. Application includes note to instructor expressing interest and one story. May be repeated for credit with instructor's permission. LEC.

ENGL 760. British Literature of the 20th Century: ______. 3 Hours.
Intensive study of British literary works written during the 20th century. Topics may focus on a particular genre, theme, historical period or group of authors. May be repeated for credit as the topic changes. LEC.

ENGL 764. Modern Irish Literature: ______. 3 Hours.
Intensive study of topics in modern Irish literature. Topics may focus on a particular genre, theme, historical period or group of authors. May be repeated for credit as the topic changes. LEC.

ENGL 767. Studies in Modern Drama: ______. 3 Hours.
Reading of selected works in modern and contemporary drama. May be repeated for credit as the topic changes. LEC.

ENGL 770. Studies in Life Writing: ______. 3 Hours.
This course focuses on or surveys individual writers in the tradition of life writing; or intensively examines topics such as "Autobiography," "Memoir and Diary," "Biography," "Slave Narrative," "Letters," "Personal Essays," or "Autobiographical Fictions." Special emphasis within a topic, such as period, gender, or ethnicity, are possible. May be repeated for credit up to a maximum of six hours. LEC.

ENGL 774. Topics in Literatures of Africa and the African Diaspora: ______. 3 Hours.
An intensive study of the literatures of Africa and/or African diaspora (people of African descent dispersed around the world). This study will focus on the major characteristics of a particular period, genre, mode, and/or theme in literatures such as African, Caribbean, Afro-Brazilian, African American, African Canadian, Black British. Critical theories pertinent to writers and their work will be covered. Topics may include studies in drama, poetry, or the novel; migration narratives; literature of a particular era, such as the Harlem Renaissance, Negritude, or the Black Arts Movement; representations of gender, etc. As topics vary by semester, the course may be repeated for credit. (Same as AAAS 774.) LEC.

ENGL 776. American Literature to 1900: ______. 3 Hours.
Intensive study of North American literary works before 1900. Topics may focus on a particular genre, theme, historical period or group of authors. May be repeated for credit as the topic changes. LEC.

ENGL 777. American Literature after 1900: ______. 3 Hours.
Intensive study of North American literary works after 1900. Topics may focus on a particular genre, theme, historical period or group of authors. May be repeated for credit as the topic changes. LEC.

ENGL 779. U.S. Poetries Since 1900. 3 Hours.
A colloquium for graduate students, sampling the range of poetries and poetics produced in the United States in the twentieth and twenty-first centuries. LEC.

ENGL 780. Composition Studies. 3 Hours.
This course surveys the field of composition studies, examining major issues and theories in the study of writing. The course may include theories from classical to contemporary rhetoric, composition theory from the twentieth century, and the most current debates in the study of writing. LEC.

ENGL 781. Criticism and the Teaching of Literature. 3 Hours.
A survey of selected critical theories and of the applicability of these theories to the teaching of literature. LEC.

ENGL 785. History of the English Language. 3 Hours.
Historical study of the phonology, morphology, syntax, vocabulary, and semantics of English; the relation between linguistic and cultural change. LEC.
ENGL 787. Modern English Grammar. 3 Hours.
A study of contemporary English: phonology, morphology, syntax, and usage. The emphasis is structural, but "traditional" grammar is referred to for contrast, example, and clarification. LEC.

ENGL 790. Studies in: ____. 3 Hours.
Examination of a significant topic in literature or the English language. May be repeated for credit as the topic varies. LEC.

ENGL 800. Methods, Theory, and Professionalism. 3 Hours.
Acquaintance with resources and practice in techniques that are essential to other graduate courses. Major concerns include the writing and documentation of scholarly papers; basic reference and bibliographical aids; critical approaches to literature and literary historiography; and the place of language and rhetoric in English studies today. LEC.

ENGL 801. Study and Teaching of Writing. 3 Hours.
A survey of major concepts and issues in the study of writing, especially as applied to teaching composition. Practices in writing pedagogy are also discussed, and students' teaching of composition is observed and explored. Required of and enrollment limited to new teachers of English 101. May not be repeated for credit toward graduate degree. FLD.

ENGL 802. Practicum in the Teaching of College English. 1 Hour.
A course concerned primarily with the pedagogy of literature and writing about literature. Includes weekly group meetings, individual conferences, and class visitations. Required of and enrollment limited to new teachers of English 102. May not be repeated for credit toward graduate degree. Course graded on a satisfactory/unsatisfactory basis. FLD.

ENGL 803. Practicum in the Teaching of Creative Writing. 1 Hour.
A course for graduate teaching assistants pursuing the M.F.A. or Ph.D. with emphasis in Creative Writing. Normally taken in the third year. Concerns primarily the pedagogy of creative writing: workshop techniques, approaches to conferencing, revision strategies, and the like. Includes weekly group meetings as well as class visitations and individual conferences. May not be repeated for credit towards graduate degree. Graded on a satisfactory/unsatisfactory basis. Prerequisite: ENGL 801 and 802. FLD.

ENGL 880. Topics in Composition Studies and Rhetoric: ____. 3 Hours.
Examination of selected topics in composition and rhetoric, such as literary studies, genre theory, dialogism, or writing across the curriculum. May be repeated for credit as the topic changes. Prerequisite: ENGL 780 or equivalent. LEC.

ENGL 885. Writing Center Theory and Administration. 3 Hours.
This course explores theories motivating writing center administration and practice. Students will investigate the multiple functions of writing centers, from writing labs associated with college composition instruction, to decentralized resources for writing faculty teaching writing across the disciplines, to elementary, secondary, and community support centers for writers, to online administrative perspective, design a research study and propose actions such as creating policy, developing curricula, designing materials, or conducting assessments. (Same as LAS 700.) Prerequisite: LAS 400, ENGL 400, or consent of instructor. LEC.

ENGL 896. Internship. 1-3 Hours.
Practical experience under professional supervision in editing, theatrical production, and other activities relevant to the completion of an advanced degree in English. FLD.

ENGL 897. Preparation for the M.A. Examination. 1-3 Hours.
An independent reading course for students preparing to take the M.A. examination. The grade in the course will be an S or U, as determined by performance on the examination. Prerequisite: Consent of the Director of Graduate Studies. RSH.

Graded on a satisfactory/unsatisfactory basis. THE.

ENGL 904. Seminar in Composition Theory: ____. 3 Hours.
Intensive study of one or more theoretical aspects of composition in English (e.g., rhetoric, text grammar, stylistics). Prerequisite: ENGL 800. LEC.

ENGL 905. Seminar in the English Language: ____. 3 Hours.
Close study of the English language in a particular period. Prerequisite: ENGL 800. LEC.

ENGL 908. Seminar in Literary Criticism: ____. 3 Hours.
Close study of one or more major critics, of a major critical school, or of a topic important in literary criticism. Prerequisite: ENGL 800. LEC.

ENGL 915. Seminar in Medieval English Literature: ____. 3 Hours.
Study may center on either Old or Middle English language and literature. Prerequisite: ENGL 800. LEC.

ENGL 916. Seminar in Chaucer: ____. 3 Hours.
Prerequisite: ENGL 800. LEC.

ENGL 920. Seminar in Renaissance English Literature: ____. 3 Hours.
Close study of one or two major authors or of a group of related works. Prerequisite: ENGL 800. LEC.

ENGL 926. Seminar in Shakespeare: ____. 3 Hours.
Prerequisite: ENGL 800. LEC.

ENGL 932. Seminar in Milton: ____. 3 Hours.
Prerequisite: ENGL 800. LEC.

ENGL 940. Seminar in Restoration and 18th Century British Literature: ____. 3 Hours.
One or two authors are read closely, or a group of related works is studied. Prerequisite: ENGL 800. LEC.

ENGL 950. Seminar in 19th Century British Literature: ____. 3 Hours.
Concentrated study of one or two major figures, or a group of significant writers, or an aspect of the literary scene. Prerequisite: ENGL 800. LEC.

ENGL 956. Seminar in 20th Century British Literature: ____. 3 Hours.
Concentrated study of one or two authors, or a group of significant writers, or an aspect of the literary scene. Prerequisite: ENGL 800. LEC.

ENGL 970. Seminar in American Literature: ____. 3 Hours.
Concentrated study of one or two authors or of historical periods or important movements. Prerequisite: ENGL 800. LEC.

ENGL 974. Seminar in Literatures of Africa and the African Diaspora: ____. 3 Hours.
Advanced study in a topic related to literature, language, and cultures of Africa and the African Diaspora, such as a concentrated study of one or two authors, a group of significant writers, an historical period or important movement, or an aspect of the literary or cultural scene of Black writing. May be repeated for credit as the topic varies. LEC.

ENGL 980. Seminar in: ____. 3 Hours.
Advanced study in a topic related to literature, language, theory, or a special skill such as analytical bibliography or editing. Prerequisite: ENGL 800. LEC.
ENGL 997. Preparation for the Comprehensive Examination. 1-12 Hours.
An independent reading course for students preparing to take the Ph.D.
comprehensive examination. May normally be taken in the semester
or summer session immediately preceding the semester in which
the comprehensive examination is taken. Does not count toward the
residence requirement. Graded on a satisfactory/unsatisfactory basis.
Prerequisite: Consent of the Director of Graduate Studies. RSH.

ENGL 999. Doctoral Dissertation. 1-12 Hours.
Graded on a satisfactory/unsatisfactory basis. THE.

Environmental Studies Courses

EVRN 103. Environment and History. 3 Hours. H.
Nature is our oldest home and newest challenge. This course surveys
the environmental history of the earth from the extinction of the dinosaurs
to the present with a focus on the changing ecological role of humans. It
analyzes cases of ecological stability, compares cultural attitudes toward
nature, and asks why this ancient relationship seems so troubled. (Same
as HIST 103.) LEC.

EVRN 140. Global Environment I: The Discovery of Environmental
Change. 5 Hours. GE3N / U.
This interdisciplinary course and laboratory sections survey the
foundations of environmental understanding and the process of
scientific discovery from perspectives that combine the principles and
methodologies of the humanities, physical, life and social sciences. Key topics include the history of environmental systems and life on earth, the discovery of biotic evolution, ecological change, and climate change. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences to earth systems and the development of environmental understanding using historical and present-day examples. (Same as GEOG 140 and HIST 140.) Open only to students admitted to the University Honors Program or by permission of instructor. LEC.

EVRN 142. Global Environment II: The Ecology of Human
Civilization, Honors. 5 Hours. U.
This interdisciplinary course and its laboratory sections survey the history of humanity’s relationship with the natural world over the long term from perspectives that combine the principles and methodologies of the humanities, physical, life and social sciences. Key topics will include the evolution of Homo sapiens and cultural systems; the development of hunter, gatherer, fisher, agricultural, and pastoral lifeways; the ecology of colonialism and industrial civilization, and the emergence of ideological and ethical perspectives on the relationship between nature and culture. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences to the humanity’s engagement with the global environment using historical and present-day examples. (Same as GEOG 145 and HIST 145.) Open only to students admitted to the University Honors Program or by permission of instructor. LEC.

EVRN 143. Scientific Principles of Environmental Studies, Honors. 3
Hours. GE3N / N.
This course presents an overview of our understanding of environmental processes and issues. Topics include scientific principles, resource issues, pollution and global change, among others. This course gives students a rigorous understanding of interactions between humans and their environment and provides students with a scientific basis for making informed environmental decisions. (Same as GEOG 143.) LEC.

EVRN 149. Scientific Principles of Environmental Studies, Honors. 3
Hours. GE3N / N.
This course presents an overview of our understanding of environmental processes and issues. Topics include scientific principles, resource issues, pollution and global change, among others. This course gives students a rigorous understanding of interactions between humans and their environment and provides students with a scientific basis for making informed environmental decisions. An honors section of EVRN 149, designed for superior students. (Same as GEOG 149.) Prerequisite: Membership in the University Honors Program or approval of instructor required. LEC.

EVRN 150. Environment, Culture and Society. 3 Hours. SC GE3S / S.
An introduction to geographic approaches to the study of the environment, emphasizing societal and cultural factors that influence human interaction with the biosphere, hydrosphere, lithosphere and atmosphere. The course involves analysis of a broad range of contemporary environmental issues from the local to global scales. (Same as GEOG 150.) LEC.

EVRN 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing
current issues in Environmental Studies. Course is designed to meet
the critical thinking learning outcome of the KU Core. First-Year
Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

EVRN 200. Study Abroad Topics In: ______. 1-6 Hours. S.
This course is designed for the study of special topics in Environmental Studies. Coursework must be arranged through the Office of Study Abroad. May be repeated for credit if content varies. LEC.
EVRN 304. Environmental Conservation. 3 Hours. NE GE3S / N.
A survey of current methods of describing and modeling the function, structure, and productivity of natural and anthropogenically modified earth resource systems, along with a discussion of contemporary views of what constitutes a natural landscape. Fundamental natural science principles about the interplay among lithospheric, atmospheric, hydrospheric, and biospheric components of earth systems are emphasized. Uses of natural resources, including fossil fuels, minerals, and water, are described with attention to the earth’s total energy budget. Human activities that affect preservation, conservation, and multiple uses of earth regions receive attention. Systems under stress through population and other contemporary forces serve as examples. (Same as GEOG 304.) LEC.

EVRN 320. Environmental Policy Analysis. 3 Hours. N.
An historical and analytical study of the formulation, implementation, and consequences of environmental policy in the United States. Attention will be directed at relevant interest groups, issues specific to both rural and urban populations, relationships between national policies and international organizations concerned with environmental problems. Prerequisite: EVRN 148/GEOG 148; and EVRN 103/HIST 103, EVRN 347/HIST 347 or EVRN 150/GEOG 150. LEC.

EVRN 332. Environmental Law. 3 Hours. U.
An introduction to how the American legal process improves, transforms, and damages the natural environment. Emphasizes and compares shifting responsibilities of legal forces and institutions; judges and litigants, legislators and statutes, agencies and administrations, and citizens and regulated entities. Prerequisite: EVRN 148 and EVRN 103/HIST 103, EVRN 347/HIST 347 or EVRN 150/GEOG 150. LEC.

EVRN 335. Introduction to Soil Geography. 4 Hours. N.
The course focuses on the properties and processes of soils as they occur in their environment. The student is introduced to the nature of soil as it functions as a body; genesis of soils; properties of soil solids, especially colloids; soil chemical composition, properties, and reactions; interaction between solid, liquid, and gaseous components in soils; plant-soil-water relationships; biological interactions with soil; classification of soils; and the distribution of soils on the landscape. Not open to students who have taken GEOG 535 or EVRN 535. (Same as GEOG 335.) Prerequisite: GEOG 104 or GEOL 101 or consent of instructor; BIOL 100 and CHEM 130 or CHEM 190 recommended. LEC.

EVRN 336. Ethics, Ideas and Nature. 3 Hours. H.
This course examines the ethical frameworks developed for thinking about, using, and protecting the natural world. Examples of topics include indigenous approaches to nature, the history of ecological ideas, environmental movements, the role of the state in managing resources, utilitarianism and progressivism, environmental lawmaking, wilderness advocacy, nature and theology, the rights of nature, and environmental justice. Students are introduced to the theories of duty ethics, justice ethics, utilitarianism, and rights ethics, and required to apply ethical decision making to contemporary and historical environmental issues. Multiple perspectives on the history of human interactions with nature demonstrate the importance of reflecting upon the value systems inherent in human-centered environmental ethics and nature-centered environmental ethics. (Same as HIST 336.) LEC.

EVRN 338. Permaculture Design. 6 Hours. N.
Students learn how a local, sustainable design system known as permaculture design creates an ecologically sound and economically viable way of living. The course consists of lecture, field, and practicum sessions. Lecture topics include food security, permaculture ethics, ecological principles, system design, sustainable soils, food production, food forests, earth works, and construction of human habitats. LEC.

EVRN 347. Environmental History of North America. 3 Hours. H.
A survey of changes in the landscape and in people’s perceptions of the natural world from 1500 to present. Topics include agroecology, water and energy, the impact of capitalism, industrialism, urbanization, and such technologies as the automobile and the origins of conservation. (Same as HIST 347.) LEC.

EVRN 371. Environmental Geopolitics. 3 Hours. S.
This course examines how human relationships with the biophysical world are politicized. Examines key contributions to debates surrounding environmental security, resource conflicts, and related issues, as well as geopolitical assumptions on which these debates build. (Same as GEOG 371.) LEC.

EVRN 385. Environmental Sociology. 3 Hours. S.
This course invites students to study society and its impact on the environment. Environmental problems are social problems. This course will address such items as social paradigms, theories, inequalities, movements, and research. (Same as SOC 385.) LEC.

EVRN 410. Geospatial Analysis. 3 Hours. N.
Focuses on applications of geospatial technologies to environmental issues using case study examples and data, and provide students with a foundational skill-set in geographic information systems, remote sensing, and GPS techniques. Prerequisite: EVRN/GEOG 148/149; EVRN/HIST 103, EVRN/GEOG 150 or EVRN/HIST 347. LEC.

EVRN 420. Topics in Environmental Studies: ______. 1-6 Hours. N.
Courses on special topics in Environmental Science and/or Policy. These courses may be lecture, discussions, or readings. Students may enroll in more than one interest group but may enroll in a given interest group only once. LEC.

EVRN 425. Global Water Scarcity. 3 Hours. S.
Though natural factors are introduced, this course focuses primarily on the human factors that contribute to global water scarcity. This course also discusses the consequences of water scarcity and its effects on society. Prerequisite: EVRN 148 or permission of instructor. LEC.

EVRN 433. Biogeography Field and Laboratory Techniques. 3 Hours. N.
This course provides undergraduate students with practical experience in field data collection techniques and laboratory data analysis methods. During the first half of the semester, students work in the field using a variety of methods to measure such vegetation characteristics as: cover, density, biomass, leaf area, and canopy architecture. Students gain experience in the use of field instruments including a spectroradiometer, and techniques for quantifying biophysical attributes of vegetation. During the later part of the course, students learn to summarize their field data and examine relationships between the vegetation attributes and measurements made using remote sensing instruments. Recommended: GEOG 316 or an introductory statistics equivalent. (Same as GEOG 433.) FLD.

EVRN 460. Field Ecology. 3 Hours. N.
Provides practical experience in the characterization of a diversity of ecosystem types; lakes, streams, forests, and prairies. This course is writing intensive, and designed for Environmental Studies majors. Prerequisite: EVRN/GEOG 148/149; EVRN/HIST 103, EVRN/HIST 347 or EVRN/GEOG 150; Senior standing. Restricted to declared Environmental Studies majors. FLD.

EVRN 490. Internship in Environmental Studies. 1-8 Hours. AE61 / N.
Supervised practical experience in a specific environmental area of interest. The advisor will schedule regular meetings to evaluate progress and provide assistance. A written summary of the internship experience and evaluation will be prepared independently by the student,
a representative of the cooperating agency, and the advisor. Total credit may not exceed 8 hours. Prerequisite: Junior standing and consent of program director. Restricted to declared Environmental Studies majors. Restricted to students with a 2.5 overall GPA or above. FLD.

**EVRN 510. Advanced Environmental Applications in Geospatial Techniques. 3 Hours. H/N.**
This course focuses on applying advanced geospatial mapping and analysis techniques to "real-world" environmental issues. Course content may include lecture/lab time on advanced geospatial topics; a major class project, small-group projects, or individual projects; or half-semester internships with state agencies or campus entities that will culminate in an individual project. The specific nature of projects will be driven largely by student interest and ability, as well as agency/center needs. Prerequisite: EVRN 410 or equivalent course; or permission of the instructor. LEC.

**EVRN 519. Sociology of Global Food. 5 Hours. U.**
The Sociology of Global Food offers a critical examination of the global food system since the Industrial Revolution. Topics include the industrialization of agriculture, sustainable agriculture, and the role of food and agriculture in organizing society. This course discusses the emergence of current debates around food and agriculture including food activism, technological developments, human/environment relationships, and labor issues. There is a lab component to this course. (Same as SOC 519.) Prerequisite: Junior standing. LEC.

**EVRN 526. Remote Sensing of the Environment I. 4 Hours. N.**
Introduction to study of the environment through air photos and satellite imagery, including principles of remote sensing, interactions of electromagnetic energy with the atmosphere and earth's surface, aerial photography, satellite systems, and sensors (electro-optical, thermal, and radar). Emphasis in the latter part of the course is on such applications as global monitoring, land cover mapping, forestry, agriculture, and oceanography. Laboratory emphasizes visual interpretation of aerial photography and satellite imagery and an introduction to digital image processing in the department's NASA Earth Science Remote Sensing Laboratory. (Same as GEOG 526.) Prerequisite: MATH 101 or equivalent. GEOG 358 recommended. LEC.

**EVRN 528. Environmental Justice and Public Policy. 3 Hours. S.**
This course provides an overview of environmental justice, both as a social movement and as a public policy initiative. Environmental justice examines the distribution of environmental externalities across different socio-economic and racial groups. We will discuss different public policy areas that have been impacted by the environmental justice movement: hazardous waste facility siting, urban redevelopment and Brownfields, transportation policy, and Native American sovereignty. We will also touch upon international environmental policy in an environmental justice context. Throughout the course we will evaluate empirical issues in studying environmental justice. (Same as POLS 528.) Prerequisite: POLS 306, or a statistics class, or consent of instructor. LEC.

**EVRN 535. Soil Geography. 5 Hours. N.**
A broad study of the principles and properties of soils and their distribution on the landscape. Topics covered include: pedology, clay mineralogy, soil physics, soil chemistry, management of soils, soil biology, taxonomy, and soil geomorphology. Laboratory section and a field project are required. Not open to students who have taken GEOG 335 or EVRN 335. (Same as GEOG 535.) Prerequisite: GEOG 104 or GEOL 101 or consent of the instructor; BIOL 100 and CHEM 130 or CHEM 190 recommended. LEC.

**EVRN 538. Soil Chemistry. 3 Hours. N.**
This course examines the chemical properties and processes of soils and methods of evaluation. Topics include solid and solution speciation, mineral solubility, soil colloidal behavior, ion exchange, surface complexation, soil salinity and sodicity, soil acidity, oxidation-reduction reactions, and kinetics of soil chemical processes. (Same as GEOG 538.) Prerequisite: GEOG 335 or GEOG 535 or EVRN 335 or EVRN 535, CHEM 135 or CHEM 195, MATH 121, PHSX 114, or consent of the instructor. LEC.

**EVRN 542. Ethnobotany. 3 Hours. S.**
Course will involve lectures and discussion of Ethnobotany - the mutual relationship between plants and traditional people. Research from both the field of anthropology and botany will be incorporated in this course to study the cultural significance of plant materials. The course has 7 main areas of focus: 1) Methods in Ethnobotanical Study; 2) Traditional Botanical Knowledge - knowledge systems, ethnolinguistics; 3) Edible and Medicinal Plants of North America (focus on North American Indians); 4) Traditional Phytochemistry - how traditional people made use of chemical substances; 5) Understanding Traditional Plant Use and Management; 6) Applied Ethnobotany; 7) Ethnobotany in Sustainable Development (focus on medicinal plant exploration by pharmaceutical companies in Latin America). (Same as ANTH 582.) Prerequisite: ANTH 104, ANTH 108, EVRN 148, or consent of instructor. LEC.

**EVRN 550. Environmental Economics. 3 Hours. U.**
This course provides an overview of the theory and empirical practice of economic analysis as it applies to environmental issues. Topics include externalities (a type of market failure), the valuation of nonmarket goods, the practice of benefit-cost analysis, and the efficiency and cost effectiveness of pollution control policies. Most importantly, the course permits students to perform economic field research, using state-of-the-art techniques in a manner accessible to undergraduate students. (Same as ECON 550.) Prerequisite: ECON 104, ECON 140, or ECON 142. LEC.

**EVRN 553. Comparative Environmental Politics. 3 Hours. S.**
This course compares environmental politics and policies across a number of countries, including those in North America, Western Europe, East Asia, and Latin America. (Same as POLS 553.) LEC.

**EVRN 562. United States Environmental History in the 20th Century. 3 Hours. H.**
Americans dramatically changed the natural world between 1900 and 2000. This course asks how transformed environments shaped the American experience during a century of technological innovation, democratic renewal, economic expansion, global conflict, and cultural pluralism. Topics include food and markets, energy and transportation, law and politics, protest and resistance, suburbanization, and environmentalism's fate in a global information era. (Same as HIST 562.) LEC.

**EVRN 563. U.S. Environmental Thought in the 20th Century. 3 Hours. H.**
Explores both leading and dissident ideas that Americans have had about the natural world since 1900. Broad chronological periods are explored in some depth, including the Progressive Era, New Deal, Cold War, the Sixties, and the Reagan Eighties. The course uses articles and books, as well as visual and aural forms of communication. Commercial speech, as well as scholarly and literary works, are considered. (Same as HIST 563.) Prerequisite: EVRN 148 or HIST 129, or by permission of instructor. LEC.

**EVRN 611. Water Quality, Land Use, and Watershed Ecosystems. 3 Hours. N.**
Water quality issues are integrated with land use planning and the development of watershed management strategies. Interrelationships among the hydrologic cycle, atmospheric deposition, nutrient transformations and pesticide use are examined in regards to stream, lake, and groundwater quality. Prerequisite: CHEM 110 or CHEM 130 and BIOL 414, or consent of instructor. LEC.
EVRN 615. Capstone Project. 3 Hours. AE61 / N.
The capstone project provides students with a broad-based, interdisciplinary educational experience and allows them to integrate and synthesize the knowledge they have gained in their environmental studies major. It rejoinsthe cohort that has separately pursued the BA/BGS and BS tracks and places them in situations in which they address real world environmental issues with a team approach and produce professionally meaningful analytical reports. Prerequisite: Junior standing; EVRN 320, EVRN 332, and EVRN 460. Restricted to declared Environmental Studies majors. LEC.

EVRN 616. Environmental Impact Assessment. 3 Hours. N.
This course provides an overview of environmental laws and regulations. Additional focus is given to the process described in the National Environmental Policy Act (NEPA). Students will learn when NEPA is triggered, the difference between Environmental Impact Statements (EIS) and Environmental Assessments (EIA), and how to write an EIS/EIA. Prerequisite: An introductory course in environmental law, or consent of instructor. LEC.

EVRN 620. Environmental Politics and Policy. 3 Hours. S.
Analysis of environmental politics and the formulation and implementation of environmental policy. Examines the history and development of environmental politics as well as current trends. Themes include interest groups, business interests, political institutions, and specific environmental policy issues. (Same as POLS 624.) LEC.

EVRN 624. Independent Study. 1-9 Hours. AE61 / N.
A research course, in any of the fields of environmental studies, consisting of either experimental research, original policy analysis, or the preparation of an extensive paper based on library investigation. Project topic to be agreed upon in advance with supervising faculty member. Prerequisite: Consent of instructor. IND.

EVRN 625. Honors Research in Environmental Studies. 3 Hours. AE61 / N.
A course giving eligible majors the opportunity to earn Departmental Honors by engaging in an intensive program of study leading to an original piece of research. Prerequisite: Senior standing, approval of the Environmental Studies Program, the Honors Project Director, and an overall 3.25 cumulative grade point average during the semester of enrollment. Restricted to declared Environmental Studies majors. IND.

EVRN 628. The Politics of Public Health. 3 Hours. S.
This course examines the social, institutional and political context of public health policy in the United States. We will examine factors that shape the nation’s public health, explore the role of government in reducing risk and promoting well being, and analyze the major institutions responsible for monitoring, protecting and promoting general public health. Themes include the social determinants of health, health disparities, emerging infectious diseases, food safety, transportation, and environmental health. (Same as POLS 628.) Prerequisite: POLS 110 and POLS 306 are recommended. LEC.

EVRN 635. Soil Physics. 3 Hours. N.
Provides theoretical and practical foundations for understanding physical properties and processes of variably-saturated porous media. Focus is on the transport, retention, and transformation of water, heat, gas, and solutes through the soil. We examine modern vadose zone measurement methods, analytical tools, and numerical models for data collection and interpretation. (Same as GEOG 635.) Prerequisite: GEOG 335 or EVRN 335; or GEOG 535 or EVRN 535, and MATH 121, PHSX 114; or consent of instructor. LEC.

EVRN 656. Ecosystem Ecology. 3 Hours. N.
An introduction to the patterns and processes that affect terrestrial ecosystems. Emphasis is placed on understanding nutrient cycles (e.g., carbon nitrogen phosphorous), hydrological cycles, and patterns of net primary productivity. The role of both natural and anthropogenic disturbances in structuring terrestrial ecosystems is examined in the context of global land-use patterns. Discussion of current research literature will be expected. (Same as BIOL 656.) Prerequisite: BIOL 414 and CHEM 130. LEC.

EVRN 700. Colloquium. 1 Hour.
Topics of current interest in environmental studies. May be repeated for credit for different topics. LEC.

EVRN 701. Climate Change, Ecological Change and Social Change. 3 Hours.
This interdisciplinary graduate seminar examines the history of climate change from natural and physical science, social science, and humanities perspectives. The class explores the ways that different disciplines approach understanding climate change and its impact on natural and human systems and how these understandings have changed over time. The course is team-taught by faculty from the natural and physical sciences, social sciences, humanities, and professional schools, and will include faculty guest speakers from KU and off-campus. Students will write a research paper on a climate change topic of their choice that reflects the historical and interdisciplinary approaches of the seminar. A goal of the seminar is to assemble student papers for presentation and possible publication. Prerequisite: Consent of instructor. LEC.

EVRN 702. Energy, Ecology and Community in Kansas. 3 Hours.
This interdisciplinary graduate seminar examines the role of climate in shaping energy, ecology, and community in Kansas from natural and physical science, social science, and/or humanities perspectives. The class will combine lectures, group projects, and field research to understand the ways that climate change and energy production are reshaping the human and natural systems in Kansas and the Great Plains. The course is team-taught by faculty from the natural and physical science, social science, humanities and professional schools, and will include faculty guest speakers from KU and off-campus. LEC.

EVRN 720. Topics in Environmental Studies: _____ 1-6 Hours.
Courses on special topics in Environmental Studies. These courses may be lecture, seminars, or readings. Students may enroll in more than one interest group but may enroll in a given interest group only once. LEC.

EVRN 730. Environmental Toxicology. 3 Hours.
Examines the effects of toxic chemicals on individuals, populations, communities and ecosystems. Topics include major classes of pollutants, movement, distribution and fate of pollutants in the environment, mechanisms of action, toxicity testing, and environmental assessment. LEC.

EVRN 745. Environmental Data Analysis and Statistics. 3 Hours.
Survey of common statistical methods for analyzing environmental data. Includes techniques for environmental monitoring, impact assessment, and site reclamation, as well as methods for handling censored data, time series, and spatial analysis. Sampling design, data interpretation, and presentation of statistical results will be emphasized. Prior coursework or practical experience in statistics is expected. Prerequisite: Permission of instructor. LEC.

EVRN 815. Professional Science Masters Capstone. 3 Hours.
A culminating experience to develop a workforce project, producing a written report and presented orally to a committee that includes an industry member. Students will develop an applied workforce project in the student’s place of employment for full time employees or an internship
for full-time students. The students will document their project in a written report and present their project to the Environmental Studies faculty (2), and the student’s employer or representative if practical. LEC.

EVRN 915. Capstone. 3 Hours.
The goal of this research seminar is to discuss individual students’ research, culminating in the completion of a paper in Environmental Studies for presentation at a professional meeting and/or publication in a professional journal. SEM.

French Italian Courses
FREN 100. French for Reading Knowledge. 3 Hours. U.
Special course for candidates for advanced degrees in other departments. Fundamentals of grammar and reading of material of medium difficulty. Intended primarily for graduate students, but open also to seniors planning graduate study. Does not satisfy any part of the undergraduate language requirement. Presupposes no previous study of French. Conducted in English. LEC.

FREN 104. Elementary French, Overseas. 1-5 Hours. U.
Basic language instruction in French for beginners participating in study abroad programs in France or a French-speaking country. Graded satisfactory/unsatisfactory. LEC.

FREN 107. Elementary French I for the Professional Schools. 3 Hours.
Essentials of French grammar; practice in speaking, reading, and writing French. Introduction to French business culture. Three hours of class per week. This course does not satisfy the College of Liberal Arts and Sciences foreign language requirement. LEC.

FREN 108. Elementary French II for the Professional Schools. 3 Hours. U.
Essentials of French grammar; practice in speaking, reading, and writing French. Introduction to French business culture. Three hours of class per week. This course does not satisfy the College of Liberal Arts and Sciences foreign language requirement. Prerequisite: FREN 107 or equivalent. LEC.

FREN 109. Elementary French III for the Professional Schools. 3 Hours. U.
Essentials of French grammar; practice in speaking, reading, and writing French. Introduction to French business culture. Three hours of class per week. This course does not satisfy the College of Liberal Arts and Sciences foreign language requirement. Prerequisite: FREN 108 or equivalent. LEC.

FREN 110. Elementary French I. 5 Hours. U.
Five hours of class per week. A balanced approach stressing understanding, speaking, reading, and writing. LEC.

FREN 120. Elementary French II. 5 Hours. U.
Five hours of class per week. A balanced approach stressing understanding, speaking, reading, and writing. Prerequisite: FREN 110 or by departmental permission. LEC.

FREN 152. France and the French. 3 Hours. HL AE42/GE3H / H.
A comprehensive, interdisciplinary survey of French culture that may include topics ranging from the earliest times to the present, with particular attention to literature, the arts, thought, politics, society, food, and customs. Taught in English. Does not fulfill any requirement in the French major or minor. LEC.

FREN 177. First-Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in French. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

FREN 230. Intermediate French I. 3 Hours. U.
Third-semester course stressing oral and written work in French; systematic review of grammar and introduction to reading in cultural texts. (See also FREN 231, FREN 234.) Prerequisite: FREN 120 or by departmental permission. LEC.

FREN 231. Intermediate French I, Honors. 3 Hours. U.
Similar in approach and content to FREN 230; smaller class size; open to students who have done very good to excellent work in previous French classes. Prerequisite: Grade of B or A in FREN 120 or departmental permission. LEC.

FREN 234. Intermediate French I and II. 6 Hours. U.
One-semester course meeting five times a week for six hours credit. Material same as in FREN 230 and FREN 240. (FREN 234, FREN 240, FREN 241--each completes foreign language requirement.) Prerequisite: FREN 120 or by departmental permission. LEC.

FREN 240. Intermediate French II. 3 Hours. U.
Continuation of FREN 230. (FREN 234, FREN 240, FREN 241--each completes foreign language requirement.) (See also FREN 241.) Prerequisite: FREN 230, FREN 231, or by departmental permission. LEC.

FREN 241. Intermediate French II, Honors. 3 Hours. U.
Similar in approach and content to FREN 240; smaller class size; open to students who have done very good to excellent work in previous French classes. Prerequisite: A grade of A in FREN 230 or FREN 231, or departmental permission. LEC.

FREN 300. Intensive Review of French Grammar. 3 Hours. H/W.
Designed to provide essential skills for advanced courses. Prerequisite: FREN 234, FREN 240, FREN 241, or by departmental permission. LEC.

FREN 310. French Phonetics. 3 Hours. GE3S / H/W.
A course in practical phonetics with exercises stressing rhythm, intonation, and individual sounds. Prerequisite: FREN 240, FREN 241, or by departmental permission. LEC.

FREN 315. Le Francais Pratique. 1-6 Hours. H/W.
Supplementary non-major language course that can be a sequel to the first four semesters of French. Primarily for students studying abroad. Covers vocabulary study, oral exercises, discussion of texts, writing, and free conversation. Prerequisite: FREN 230/231 or FREN 234, FREN 240/241. LEC.

FREN 326. Introduction to French Literature. 3 Hours. HL AE42/ GE3H / H.
Analysis of selected texts from various genres; special emphasis on explication de texte. Prerequisite: FREN 300 (or with FREN 300), or by departmental permission. LEC.

FREN 330. French Language and Civilization I. 3 Hours. H.
A study of French grammar, conversation, and composition, with selected aspects of French civilization. Available to participants in the Summer Language Institutes, and selected Study Abroad programs. LEC.

FREN 340. French Language and Civilization II. 3 Hours. H.
A study of French grammar, conversation, and composition, with selected aspects of French civilization. Available to participants in the Summer Language Institutes, and selected Study Abroad Programs. LEC.

FREN 350. Applied French Grammar and Composition I. 3 Hours. H/W.
Systematic grammar review with extensive practice in writing French. Prerequisite: FREN 300 or FREN 326. LEC.
FREN 352. French for Journalism and Business. 3 Hours. H/W.
Practical acquisition of skills necessary to understand the language of journalism and business. Prerequisite: FREN 300. LEC.

FREN 375. Intermediate French Conversation. 3 Hours. H/W.
Three meetings per week. Guided discussions designed to increase fluency, improve pronunciation, and acquire vocabulary. Sections limited to twelve students. May be designated a KULAC class at the discretion of the instructor. Prerequisite: FREN 300 or concurrent enrollment in FREN 300. LEC.

FREN 376. Advanced French Conversation. 3 Hours. H/W.
Three meetings per week. Guided discussions designed to increase fluency, improve pronunciation, and knowledge of French culture and language. Classes have centered around topics such as the French Revolution, the Arts, Renaissance Festivals, and French cinema. Sections limited to twelve students. May be designated a KULAC class at the discretion of the instructor. Prerequisite: FREN 375. LEC.

FREN 401. Paris, City of Lights and Legends. 3 Hours. HL AE42/GE3H / H.
An exploration of the French capital from its origins to present as emblem and icon of the social, literary, cultural, and political development of the French nation and of French ideals. Topics include great persons, events, works, symbols, and myths since the founding of the city to the present. Taught in English. Does not fulfill any requirement in the French major or minor. LEC.

FREN 405. French Literature in Translation. 3 Hours. HL AE42/GE3H / H.
Readings and discussions of representative great masterpieces of French literature from the medieval Arthurian romances and chansons de geste to the present, with particular emphasis on the question of the interrelations of form and content. Includes such authors as Rabelais, Montaigne, Racine, Moliere, Voltaire, Balzac, Flaubert, Baudelaire, Proust, Gide, Camus, and Beckett. Conducted in English. A reading knowledge of French is extremely useful but not a requirement. LEC.

FREN 406. Introduction to French Culture Through Film. 3 Hours. AE42/GE3H / H.
Discussion of great masterpieces of French film from the silent era to the present, with a particular emphasis on how film portrays and conveys important aspects of French culture past and present. The works of a variety of film-makers may be covered, and may include among others Georges Melies, Jean Vigo, Jean Renoir, Abel Gance, Rene Clair, Marcel Carné, Jean Cocteau, Alain Resnais, Jean-Luc Godard, Francois Truffaut, Agnes Varda, Louis Malle, Eric Rohmer, and Claude Berri. Films will be shown in French with subtitles in English. Knowledge of French is useful, but not required. LEC.

FREN 410. Survey of French Culture I. 3 Hours. AE42/GE3H / H/W.
A survey of the historical, philosophical, literary, and artistic development of France, from the beginning through the 17th century. Prerequisite: FREN 300 and FREN 326. May be designated a KULAC class at the discretion of the instructor. LEC.

FREN 420. Survey of French Culture II. 3 Hours. AE42/GE3H / H/W.
Continuation of FREN 410, from the 18th century to the present. Prerequisite: FREN 300 and FREN 326. May be designated a KULAC class at the discretion of the instructor. LEC.

FREN 430. La France d’Aujourd’Hui. 3 Hours. AE42/GE3H / H/W.
Social, political, and economic trends from 1939 to present, with emphasis on period since 1968. Prerequisite: FREN 300 and FREN 326. May be designated a KULAC class at the discretion of the instructor. LEC.

FREN 431. French-Speaking World (Outside France). 3 Hours. AE42/GE3H / H/W.
Cultures of the some 235 million persons in the five world areas whose everyday and/or official language is French: Canada; Caribbean (e.g., Haiti, Guadeloupe, Martinique); Europe (e.g., Belgium, Switzerland); Africa and Indian Ocean (23 former French or Belgian colonies); Pacific (e.g., Tahiti, New Caledonia). Also French-speaking settlers in the United States (Louisiana, South Carolina, New England, Kansas). French presence in Indo-China and the Near East. Prerequisite: FREN 300 and FREN 326. (May be taken concurrently with FREN 300 and/or FREN 326.) May be designated a KULAC class at the discretion of the instructor. LEC.

FREN 432. Francophone African Literature. 3 Hours. NW AE42/GE3H / H/W.
This course is an introduction of 20th Century African literature written in French, covering selected works by major authors from both sub-Saharan Africa and the Maghreb. Attention will be given primarily to the novel, although some poetry will also be read. Topics and themes include negritude, African identity in the wake of colonialism, Islam, and women’s writing. Classes will be conducted in English. Students may read the texts in French or in translation. (Same as AAAS 432.) Prerequisite: ENGL 102 and a 200-level English course. LEC.

FREN 440. Studies in French Culture: ______. 3 Hours. H/W.
Representative topics are: History of Paris, Role of Women in French Literature and Culture, Interrelationships of the Arts, French-speaking African Culture, Culture of French Canada. May be repeated for credit with departmental permission; may also be repeated as part of major in French language and culture. Prerequisite: FREN 300 and FREN 326. May be designated a KULAC class at the discretion of the instructor. LEC.

FREN 450. French Literature of the Middle Ages. 3 Hours. AE42/GE3S / H/W.
Study of the principal authors, movements, and themes of the period. Prerequisite: FREN 300 and FREN 326. LEC.

FREN 455. French Literature of the Renaissance. 3 Hours. AE42/GE3S / H/W.
Study of the principal authors, movements, and themes of the period. Prerequisite: FREN 300 and FREN 326. LEC.

FREN 460. French Literature of the Seventeenth Century. 3 Hours. AE42/GE3S / H/W.
Study of the principal authors, movements, and themes of the period. Prerequisite: FREN 300 and 326. LEC.

FREN 462. French Literature of the Eighteenth Century. 3 Hours. AE42/GE3S / H/W.
Study of the principal authors, movements, and themes of the period. Prerequisite: FREN 300 and 326. LEC.

FREN 465. French Literature of the Nineteenth Century. 3 Hours. AE42/GE3S / H/W.
Study of the principal authors, movements, and themes of the period. Prerequisite: FREN 300 and 326. LEC.

FREN 467. French Literature of the Twentieth Century. 3 Hours. AE42/GE3S / H/W.
Study of the principal authors, movements, and themes of the period. Prerequisite: FREN 300 and 326. LEC.

FREN 480. Studies in French Literature: ______. 3 Hours. H/W.
A study of a period, theme, group of authors, or movement. Subject matter will vary; may be taken more than once if subject differs. Prerequisite: FREN 300 and FREN 326. LEC.
FREN 495. Directed Readings in French. 1-15 Hours. AE61 / U.
May be taken more than once, total credit not to exceed fifteen hours.
Fields not covered by course work, and/or field of student's special
interest. Conferences. Counts as humanities when taken for two or three
hours. Prerequisite: Twenty-five hours of French and consent of instructor.
IND.

FREN 499. Honors in French. 3 Hours. AE61 / H/W.
Various topics in French or Francophone literature or culture. May be
taken more than once, total credit not to exceed nine hours. Minimum of
six hours of FREN 499 required for B.A. with Honors in French. Student
must discuss Honors eligibility and their topic with a faculty member
before enrolling. IND.

FREN 500. Advanced French Phonetics. 3 Hours. GE3S / H/W.
Advanced theory and practice of French pronunciation. Not open to
students who have taken FREN 310, except by departmental permission.
Prerequisite: FREN 300 or FREN 326 or graduate standing. LEC.

FREN 530. Studies in Film: ______. 3 Hours. AE42/AE61 / H/W.
Studies in an aspect of film, a director or group of directors. Emphasis on
French film. Given in French or English. LEC.

FREN 592. French Culture Through Film I, Beginnings to 1950. 3
Hours. AE42/AE61 / H/W.
A survey of the major public images of French culture as surveyed in
French silent and sound film from the early 1900s through World War II
and its immediate aftermath. Students will view and discuss a selection
of films that address crucial aspects of French culture such as (but not
limited to) gender, war and peace, daily life, art and artists, tradition and
revolution, city life versus country life, social classes, moral choice, and
individual freedoms. The course will include discussion of the cultural
and artistic significance of major French film movements like Poetic Realism.
In addition to viewing and discussing films, students will read and analyze
the writings of a number of French intellectuals, writers, and artists who
have had a major influence on French culture as it appears in films from
1900-1950. May be taught in French or English. For students who already
have some knowledge of French culture. LEC.

FREN 593. French Culture Through Film II, 1950-Present. 3 Hours.
AE42/AE61 / H/W.
A survey of the major public images of French culture as surveyed in
French silent and sound film from 1950 to present. Students will view and
discuss a selection of films that address crucial aspects of French culture
such as (but not limited to) gender, war and peace, daily life, art and artists,
tradition and revolution, city life versus country life, social classes, moral
choice, and individual freedoms. The course will include discussion of the cultural
and artistic significance of major French film movements like the New Wave. In addition to viewing
and discussing films, students will read and analyze the writings of a number of French intellectuals, writers, and artists who have had a major
influence on French culture as it appears in films from 1950-present. May
be taught in French or English. For students who already have some
knowledge of French culture. LEC.

FREN 600. Studies in: ______. 3 Hours. H/W.
Topics vary by semester. May be repeated for credit. Prerequisite:
Departmental permission. LEC.

FREN 610. Theme et Version. 3 Hours. H/W.
Exercises in English-French and French-English translation, designed
to enable the student to write with greater clarity and precision in both
languages. LEC.

FREN 620. Expository French Writing. 3 Hours. H/W.
Intensive practice in writing French, designed to clarify fine points of
grammar and usage and to aid the student in developing an accurate
and graceful prose style. LEC.

FREN 680. Language Teaching and Advanced Conversation. 2-3
Hours. U.
A summer course designed principally for secondary school language
teachers. Discussion of current theory in language acquisition integrated
into an intensive oral review of French. Meets three hours daily for two
weeks; includes lab. (Not applicable toward a major or graduate degree in
French.) LEC.

FREN 681. Language Teaching for Oral Proficiency. 1 Hour. U.
A summer course designed principally for secondary school language
teachers. Provides an orientation to proficiency-based models in foreign
language instruction, national standards in the rating of foreign language
proficiency, and curriculum development sessions which address issues
of articulation in foreign language curricula. (Not applicable toward a
major or graduate degree in French.) (Same as GERM 681 and SPAN
681.) LEC.

FREN 700. Old French. 3 Hours.
Introduction to grammar and structure through the reading of
representative works. LEC.

FREN 701. History of the French Language. 3 Hours.
Major aspects of development and growth. Conducted in English. LEC.

FREN 702. Provençal. 3 Hours.
Introduction to grammar and structure of the language through a reading
of representative works from the Troubadour period. LEC.

FREN 703. Structure of Modern French. 3 Hours.
Linguistic analysis of the phonological, morphological, and syntactic
structure of modern French. Description in terms of current theories and
models. Application of linguistic analyses to the teaching of French. LEC.

FREN 704. Methods in French Language Instruction. 3 Hours.
This course provides an overview of current and historical approaches
to foreign language teaching, with reference to the instruction of French.
Past and current trends and methodologies of language instruction are examined in order to acquaint students with various classroom
approaches. Research findings in second language acquisition are
explored and their implications discussed so as to show how these
findings lead to more effective classroom practices. LEC.

FREN 720. Introduction to Graduate Studies in French. 3 Hours.
This course is an introduction to the skills required of students doing
graduate degrees in French; areas covered include 1) introduction to
literary theory and criticism, 2) bibliography and research methods,
including database management software, 3) preparation and
presentations of a research/conference paper, 4) technology training,
including web design, on-line portfolio, and digital humanities, and 5)
professional ethics and awareness of the academic market and alternative
careers. LEC.

FREN 730. Introduction to French Poetry. 3 Hours.
A detailed introduction to versification, rhetoric, image and symbol as
they apply to the study of poetry. Texts will be chosen from one or more
periods of French literature and will include poems in verse and prose.
Considerations and readings on the history of French poetry, on the
composition of recueils, on poetic theory, and on the relation of poetry to
other genres and media may be incorporated. LEC.
FREN 732. Francophone Studies. 3 Hours.
Selected movements, themes, genres, topics in the cultures and/or literatures of the French-speaking world outside France. May be repeated for credit. LEC.

FREN 740. Medieval French Literature. 3 Hours.
Literary history of the period, with discussion of representative works read for the most part in the original old French. LEC.

FREN 750. French Literature of the Sixteenth Century. 3 Hours.
A survey of the major writers, covering Rabelais, Sceve, Louise Labe, Marguerite de Navarre, Ronsard, Du Bellay, Montaigne, and d'Aubigné. LEC.

FREN 763. French Drama of the Seventeenth Century. 3 Hours.
Development of baroque and classical French drama, with emphasis on Corneille, Molière, and Racine. LEC.

FREN 765. Nondramatic French Literature of the Seventeenth Century. 3 Hours.
Esthetics of baroque and classicism. Emphasis on Descartes, Pascal, La Rochefoucauld, Mme de Lafayette, although other authors may be studied. LEC.

FREN 770. French Literature of the Eighteenth Century. 3 Hours.
Special attention paid to Montesquieu, Voltaire, Diderot, and Rousseau; also development of novel and drama. LEC.

FREN 782. French Novel of the 19th Century. 3 Hours.
Emphasis on major novelists of the century: Balzac, Stendhal, Flaubert, and Zola. LEC.

FREN 785. French Romantic Movement. 3 Hours.
Major Romantic writers viewed in context of intellectual, esthetic, and social milieu of period 1800-1850. LEC.

FREN 787. French Post-Romanticism. 3 Hours.
Literary movements developing out of reaction to Romanticism: Realism, Naturalism, Parnassianism. LEC.

FREN 790. Contemporary French Writers. 3 Hours.
Major 20th century authors stressing Proust, Gide, Giraudoux, Claudel, Sartre, and Camus. LEC.

FREN 792. Proust. 3 Hours.
Principal movements, structures, and tensions of A la recherche du temps perdu. LEC.

FREN 795. Investigation and Conference. 1-3 Hours.
Readings and research projects in French language, literature, and culture for students at the MA level. Directed work to fulfill needs not met by available courses. One-three hours credit in any semester. Maximum credit for M.A.: Three hours. By special departmental permission only. RSH.

FREN 799. Masters Seminar. 1 Hour.
To meet Masters degree requirement for continual enrollment. This course will be graded satisfactory/unsatisfactory. FLD.

FREN 800. Studies in: ______. 3 Hours.
Study of topics not limited to one century. May be repeated for credit. LEC.

FREN 810. Criticism and Critical Methods. 3 Hours.
Literary criticism from historical, theoretical, and practical point of view. LEC.

Selected topics to be specified. Study of form, movements, or themes in the French Novel, not limited to one century. May be repeated for credit. LEC.

Selected topics to be specified. Study of form and theory of the French short story, not limited to one century. LEC.

FREN 842. Arthurian Literature in France. 3 Hours.
Origins and development of Arthurian legend; analysis of major texts. Prerequisite: FREN 700. LEC.

FREN 848. Studies in Medieval French Literature: ______. 3 Hours.
Various movements, themes, or genres. May be repeated for credit. Prerequisite: FREN 700. LEC.

FREN 850. Early Renaissance Literature. 3 Hours.
Emphasis on Rabelais, Marguerite de Navarre, Marot, Maurice Sceve and Louise Labe. LEC.

Various movements, themes, or genres. May be repeated for credit. LEC.

FREN 868. Studies in Medieval French Literature: ______. 3 Hours.
Various movements, themes, or genres. May be repeated for credit. LEC.

FREN 871. Literature of the Enlightenment in France. 3 Hours.
Philosophical thought in 18th century as reflected in literature. Emphasis on philosophies, with discussion of external influences. LEC.

FREN 872. Novel of the Eighteenth Century in France. 3 Hours.
Origins and development to Revolution; thematic analysis with attention to critical attitudes and their influence upon evolution of novel as genre. LEC.

Various movements, themes, or genres. May be repeated for credit. LEC.

FREN 887. Symbolist Movement in France. 3 Hours.
Works of major symbolist poets, including Baudelaire, Verlaine, Rimbaud, Mallarme, and Valery. LEC.

FREN 888. Studies in Nineteenth Century French Literature: ______. 3 Hours.
Various movements, themes, or genres. May be repeated for credit. LEC.

FREN 889. New Directions in the French Novel. 3 Hours.
Samuel Beckett to the nouveau roman. LEC.

FREN 890. Seminar in French: ______. 3 Hours.
Topics in literary, linguistic, and cultural research. May be repeated for credit. LEC.

FREN 895. Investigation and Conference. 1-3 Hours.
Readings and research projects in French language, literature, and culture for PhD students. Directed work to fulfill needs not met by available courses. One-three hours credit in any semester. Prerequisite: By Special Departmental Permission only. RSH.

FREN 897. M.A. Thesis. 1-6 Hours.
THE.

Various movements, themes, or genres. May be repeated for credit. LEC.

FREN 899. Ph.D. Dissertation. 1-12 Hours.
THE.

ITAL 100. Italian for Reading Knowledge. 3 Hours. U.
Special course for candidates for advanced degrees. Fundamentals of grammar and reading of material of medium difficulty. Open to graduate students and to seniors planning graduate study. Does not satisfy any part of the undergraduate language requirement. Presupposes no previous study of Italian. Conducted in English. LEC.
ITAL 103. Elementary Italian Language and Civilization. 3 Hours. H.
A systematic review of the fundamentals of Italian grammar through practice in conversation and writing, with an introduction to Italian culture. Available only to participants in study abroad programs. Prerequisite: ITAL 107 and allows students to enroll in ITAL 120. LEC.

ITAL 107. Elementary Italian Conversation I. 3 Hours. U.
First part of a two-course sequence (with 108) for students with no previous study of a foreign language and minimal linguistic background as well as for students in professional schools who plan to participate in study abroad programs in Italy. Offers knowledge of essential grammar and basic oral communication skills through practice in grammar, listening comprehension, and conversation. Active participation required. Completion of both ITAL 107 and ITAL 108 is equivalent to ITAL 110 and allows students to enroll in ITAL 120. LEC.

ITAL 108. Elementary Italian Conversation II. 3 Hours. U.
A continuation of ITAL 107, second part of a two-course sequence for students with no previous study of a foreign language and minimal linguistic background as well as for students in professional schools who plan to participate in study abroad programs in Italy. Offers knowledge of essential grammar and basic oral communication skills through practice in grammar, listening comprehension, and conversation. Active participation required. Completion of both ITAL 107 and ITAL 108 is equivalent to ITAL 110 and allows students to enroll in ITAL 120. Prerequisite: ITAL 107 or Italian Coordinator’s approval. LEC.

ITAL 110. Elementary Italian I. 5 Hours. U.
Introduction to Italian language and culture. Essentials of grammar and practice in speaking, understanding, reading, and writing. Active participation required. Five hours of class per week. LEC.

ITAL 120. Elementary Italian II. 5 Hours. U.
Five hours of class. Reading of simple texts; dictation; speaking; elementary composition. Prerequisite: ITAL 110. LEC.

ITAL 152. Studies in Italian Heritage. 3 Hours. AE41/GE11 / H.
A comprehensive, interdisciplinary survey of the ways in which the historical culture of Italy can be found in Lawrence, KS. Emphasis is on politics, sciences, philosophy, media, and immigration. Uses materials from various KU collections. Taught in English. Does not fulfill any requirement in the Italian major or minor. LEC.

ITAL 155. Intensive Basic Italian I. 3 Hours. U.
First part of a two-course sequence (with ITAL 156) for students with previous language study or strong linguistic background. Same content as ITAL 110 but accomplished in three hours of class per week. Active participation required. Prerequisite: Previous study of another language or permission of instructor. LEC.

ITAL 156. Intensive Basic Italian II. 3 Hours. U.
A continuation of ITAL 155, second part of a two-course sequence for students with previous language study or strong linguistic background. Same content as ITAL 120 but accomplished in three hours of class per week. Active participation required. Prerequisite: ITAL 155 or permission of instructor. LEC.

ITAL 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Italian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

ITAL 203. Intermediate Italian Language and Civilization. 3 Hours. H.
A systematic review of Italian grammar through practice in conversation and composition, with an introduction to Italian culture. Available only to participants in study abroad programs. This course does not satisfy the College of Liberal Arts and Sciences foreign language requirement. Prerequisite: ITAL 120. LEC.

ITAL 230. Intermediate Italian I. 3 Hours. U.
Review and expansion of grammatical structures introduced in Elementary Italian I and II, with continued practice in speaking, understanding, reading, and writing, coordinated with the study of cultural texts. Active participation required. Prerequisite: ITAL 120 or ITAL 156. LEC.

ITAL 240. Intermediate Italian II. 3 Hours. U.
Continuation of ITAL 230. (ITAL 240 completes foreign language requirement.) Review and expansion of grammatical structures introduced in Elementary Italian I and II, with continued practice in speaking, understanding, reading, and writing, coordinated with the study of cultural texts. Active participation required. Prerequisite: ITAL 230. LEC.

ITAL 300. Composition and Conversation. 3 Hours. H/W.
Study of advanced grammatical structures with extensive practice in writing and conversation. Guided discussions on a variety of contemporary Italian literary, journalistic, and cinematic works. Active participation required. Prerequisite: ITAL 240 or permission of instructor. LEC.

ITAL 301. Introduction to Italian Literature I. 3 Hours. AE42/GE3S / H/W.
Representative works and trends from origins to Renaissance. Prerequisite: ITAL 240 or reading knowledge of Italian. LEC.

ITAL 302. Introduction to Italian Literature II. 3 Hours. AE42/GE3S / H/W.
Representative works and trends from 17th century to present. Prerequisite: ITAL 240 or reading knowledge of Italian. LEC.

ITAL 303. Italian Language and Civilization I. 3 Hours. U.
An advanced study of Italian grammar, conversation, composition, with selected aspects of Italian civilization. Available only to participants in the KU summer language institute or semester abroad program in Florence or Rome. Prerequisite: ITAL 240. LEC.

ITAL 304. Italian Language and Civilization II. 3 Hours. U.
An advanced study of Italian grammar, conversation, composition, with selected aspects of Italian civilization. Available only to participants in the KU summer language institute or semester abroad program in Florence or Rome. Prerequisite: ITAL 303. LEC.

ITAL 315. Advanced Composition and Conversation. 3 Hours. H/W.
Continuation of ITAL 300. Study of advanced grammatical structures with extensive practice in writing and conversation. Guided discussions on a variety of contemporary Italian literary, journalistic, and cinematic works. Active participation required. Prerequisite: ITAL 300 or permission of instructor. LEC.

ITAL 335. Italy and the Italians I. 3 Hours. HL AE42/GE3H / H.
Survey of Italian culture with study of geography, history, government, education, Roman archaeology, and music. Lecture, discussion, and supportive readings. Not open to native speakers of Italian. LEC.

ITAL 336. Italy and the Italians II. 3 Hours. GE11/GE3H/GE3S / H.
Survey of Italian culture with study of art and architecture, literary masterpieces in translation, science, culinary arts, and cinema. Lecture, discussion, and supportive readings. Not open to native speakers of Italian. LEC.
ITAL 340. Studies in Italian Culture: ______. 3 Hours. AE42/GE3S/H.
A study of particular aspects of and/or periods in Italian culture. May be repeated for credit with departmental permission. Prerequisite: ITAL 240 or permission of instructor. LEC.

ITAL 405. Italian Literature in Translation: _____ . 3 Hours. AE42/GE3S/H.
Major works representing various movements, themes, or genres. May be repeated with departmental permission. All work done in English. LEC.

ITAL 410. 19th and 20th Century Short Stories. 3 Hours. AE42/H.
A survey of representative short stories of the 19th and 20th Centuries, including Verga, Panzini, Pirandello, Guaresci, Moravia, Calvino, Landolfi, and Bigiaretti. Prerequisite: ITAL 240 or reading knowledge of Italian or permission of instructor. LEC.

ITAL 420. 19th and 20th Century Poetry. 3 Hours. AE42/H.
A survey of 19th and 20th century poets and their works, including Leopardi, Pascoli, d'Annunzio, Govoni, Palazzeschi, Gozzano, Marinetti, Boccioni, Ungaretti, Montale, Quasimodo, and Pasolini. Prerequisite: ITAL 240 or reading knowledge of Italian or permission of instructor. LEC.

ITAL 430. Dante’s Masterpiece. 3 Hours. AE61/H.
Detailed study of Dante’s epic poem with a close reading of the Inferno. Prerequisite: ITAL 300 or demonstrated knowledge of Italian. LEC.

ITAL 440. Italian Renaissance and Early Modern Literature. 3 Hours. H/W.
Detailed study of selected masterpieces of the Italian Renaissance from the 13th to the 18th centuries. Prerequisite: ITAL 300 or demonstrated knowledge of Italian. LEC.

ITAL 465. 19th and 20th Century Novels I. 3 Hours. AE42/GE3S/H.
With Italian 466, a survey of representative 19th and 20th century novels including those of Manzoni, Pirandello, Svevo, Deledda, Vittorini, Moravia, Pavese, Pratolini, Buzzati, Ginzburg, and Calvino. Prerequisite: ITAL 240 or reading knowledge of Italian or permission of instructor. LEC.

ITAL 466. 19th and 20th Century Novels II. 3 Hours. AE42/GE3S/H.
See ITAL 465. Prerequisite: ITAL 240 or reading knowledge of Italian or permission of instructor. LEC.

ITAL 480. Studies in Italian Literature: ______ . 3 Hours.
A study of a period, theme, group of authors, or cultural movement. Subject matter will vary; may be taken more than once if subject differs. Prerequisite: ITAL 300 or demonstrated knowledge of Italian. LEC.

ITAL 495. Directed Readings in Italian. 1-3 Hours. AE61/U.
May be taken more than once, total credit not to exceed nine hours. Various fields of Italian literature. Prerequisite: Consent of instructor, given only to those having demonstrated ease in reading Italian. IND.

ITAL 499. Honors in Italian. 3 Hours. AE61/H.
Various topics in Italian literature or culture. Minimum of three hours of Italian 499 required for a B.A. with Honors in the Italian option of the French degree. Students must discuss Honors eligibility and their topic with a faculty member before enrolling. Honors paper must be written in Italian. LEC.

ITAL 502. Dante’s Divine Comedy I. 3 Hours. AE61/H.
Detailed study of Dante’s masterpiece. Attention will also be given to such matters as the development of the Italian language at Dante’s period and the relation of the Comedy to Dante’s other works. Prerequisite: Reading knowledge of Italian. LEC.

ITAL 503. Dante’s Divine Comedy II. 3 Hours. AE61/H.
Continuation of ITAL 502. Prerequisite: Completion of ITAL 502. LEC.

ITAL 695. Graduate Directed Readings in Italian. 1-3 Hours. U.
May be taken more than once, total credit not to exceed nine hours. Directed readings, conferences with instructor. Prerequisite: ITAL 495 or consent of instructor. IND.

Geography Courses

ATMO 105. Introductory Meteorology. 5 Hours. GE3N/N.
A lecture and laboratory course introducing students to the atmosphere, weather and climate phenomena, and their controlling physical processes. Topics covered include: the structure of the atmosphere, energy and energy budgets, climate and climate change, air pollution, clouds and precipitation, pressure and wind systems, severe weather, and weather forecasting. LEC.

ATMO 106. Introductory Meteorology, Honors. 5 Hours. GE3N/N.
Honors version of ATMO 105. A lecture and laboratory course introducing students to the atmosphere, weather and climate phenomena, and their controlling physical processes. Topics covered include: the structure of the atmosphere, energy and energy budgets, climate and climate change, air pollution, clouds and precipitation, pressure and wind systems, severe weather, and weather forecasting. Prerequisite: Membership in University Honors Program or by permission of instructor. LEC.

ATMO 177. First Year Seminar: ______. 3 Hours. GE11/U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Atmospheric Science. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

ATMO 220. Unusual Weather. 3 Hours. GE11/GE3N/N.
An introductory lecture course which surveys the general principles and techniques of atmospheric science and illustrates their application through discussions of natural but unusual weather phenomena such as blizzards, hurricanes, tornados, and chinooks, of the effects of air pollution on weather, and of intentional human alteration of the atmosphere. LEC.

ATMO 310. Aviation Meteorology. 3 Hours. N.
This course introduces students to meteorological events that affect aircraft operations. Aviation applications of meteorological observations including satellite and radar observations are discussed. Students learn about graphical displays of meteorological information. Numerical forecasting models and how their output is applied for aviation is also considered. Forecasting of weather events of particular interest to aviation such as ceiling, visibility, icing and turbulence is emphasized. Prerequisite: ATMO 105 or AE 245 or equivalent. LEC.

ATMO 321. Climate and Climate Change. 3 Hours. N.
This course is designed to introduce students to the nature of the Earth’s physical climate. It introduces the basic scientific concepts underlying our understanding of our climate system. Particular emphasis is placed on energy and water balances and their roles in evaluating climate change. The course also evaluates the impact of climate on living organisms and the human environment. Finally, past climates are discussed and potential future climate change and its impact on humans is evaluated. (Same as GEG 321.) Prerequisite: ATMO 105 or GEG 104. LEC.

ATMO 499. Honors Course in Atmospheric Science. 2-3 Hours. AE61/N.
Open to students with nine hours of upper level credit in Atmospheric Science, an average of at least 3.5 in all Atmospheric Science courses, and an overall average of at least 3.25. Includes the preparation of an honors paper and its defense before a committee of at least two regular faculty members. LEC.
ATMO 505. Weather Forecasting. 3 Hours. N.
A first course in synoptic meteorology designed to introduce students to weather analysis and forecasting through the application of hydrodynamic and thermodynamic principles to operational analysis and forecasting. Topics include analysis and interpretation of surface and upper-air observations and data from satellites, radars, and wind profilers; chart and sounding analysis; and three-dimensional, conceptual models of weather systems. The course includes student-led weather briefings and analysis exercises. Prerequisite: ATMO 105 and MATH 121 or MATH 115. LEC.

ATMO 506. Forecasting Models and Methods. 3 Hours. N.
Introduction to basic numerical weather prediction methods. Computer programs are used to apply numerical methods to weather data and to evaluate dynamical processes on numerical grids. Meteorological graphics packages are used to analyze current weather data and numerical model output. Current operational numerical models and output products are discussed. Prerequisite: ATMO 505, MATH 122, and EECS 138 or EECS 186. LEC.

ATMO 515. Energy and Water Balance. 3 Hours. N.
A study of the distribution and circulation of water in the air-earth system as influenced by atmospheric processes and surface conditions. The solar and terrestrial radiation budget and the water balance at the earth’s surface will be applied to agricultural and urban energy and water problems. Prerequisite: ATMO 105 or EECS 138. LEC.

ATMO 521. Microclimatology. 3 Hours. N.
A study of climatic environments near the earth-atmosphere interface. Consideration of rural climates in relation to agriculture and urban climates as influenced by air pollution and other factors. Emphasis is on physical processes in the lower atmosphere, distribution of atmospheric variables, the surface energy budget and water balance. (Same as GEOG 521.) Prerequisite: ATMO 105 and MATH 106 or MATH 121. LEC.

ATMO 525. Air Pollution Meteorology. 3 Hours. N.
A study of background levels and concentrated sources of atmospheric pollution together with considerations of pollution buildup in urban areas as related to particular weather conditions. Inadvertent weather modifications and effects of atmospheric pollution on particular weather events and general climate will be discussed. Prerequisite: ATMO 105, MATH 121, and EECS 138. LEC.

ATMO 531. Topics in Atmospheric Science: ______. 1-3 Hours. N.
An investigation of special topics in atmospheric science. May include topics in dynamic, physical or synoptic meteorology or climatology as well as related topics in earth and physical sciences. May be repeated if topic differs. LEC.

ATMO 605. Operational Forecasting. 2 Hours. N.
Students enhance their forecasting expertise by preparing forecasts for presentation to the public through a variety of media. Classroom activities include weekly map discussions and analysis of current weather situations. Forecasting topics such as forecast verification, aviation forecast products, severe weather, flash floods and watches and warnings are examined. Credit for ATMO 605, ATMO 606, and ATMO 607 is limited to a total of eight hours, six of which may be counted toward a degree in atmospheric science. Prerequisite: ATMO 505. FLD.

ATMO 607. Forecasting Intern - National Weather Service. 2 Hours.
Practical experience working in a National Weather Service forecasting center in analyzing weather data and preparing weather forecasts. May be repeated two times for credit. Credit for ATMO 605, ATMO 606, and ATMO 607 is limited to a total of eight hours, six of which may be counted toward a degree in atmospheric science. Prerequisite: ATMO 605. FLD.

ATMO 630. Synoptic Meteorology. 3 Hours. N.
Interpretation, development, and analysis of synoptic charts. Prerequisite: ATMO 505 and ATMO 640. LEC.

ATMO 634. Physical Climatology. 3 Hours. N.
Atmospheric processes are described and discussed in relation to the climate of the earth’s surface. Such topics as the greenhouse effect, ozone depletion, and the effect of solar irradiance on climatic change will be included. The physical processes and relationships between various climatic features will be studied. Prerequisite: ATMO 505 and DSCI 301 or MATH 526. LEC.

ATMO 640. Dynamic Meteorology. 3 Hours. N.
This course introduces the student to the fundamentals of fluid dynamics necessary for understanding large scale atmospheric motions. Fundamental physical laws of conservation of mass, momentum and energy are examined and applied to atmospheric flows. Rotation in the atmosphere is examined quantitatively in terms of both circulation and vorticity. Prerequisite: MATH 223 and PHSX 214 or PHSX 212 and PHSX 236. LEC.

ATMO 642. Remote Sensing. 3 Hours.
This course is designed to prepare students to effectively use remotely sensed data in operational or research settings and to design and implement the appropriate software tools and data acquisition systems. Topics include radiation and radiation transfer applied to active and remote sensing; radiative properties of space, sun, earth and atmosphere; instrument design considerations and operational characteristics; inversion methods for temperature or concentration profiling; surface temperature measurement; cloud top height determination; rain rate and wind velocity measurement; severe weather detection; satellite photograph interpretation. Prerequisite: ATMO 680, MATH 581. LEC.

ATMO 650. Advanced Synoptic Meteorology. 3 Hours. N.
Analysis and interpretation of synoptic weather charts including treatment of numerical weather forecasting. Prerequisite: ATMO 630 and ATMO 660. LEC.

ATMO 660. Advanced Dynamic Meteorology. 3 Hours. N.
Advanced study of the atmosphere including treatment of the vorticity equation. Prerequisite: ATMO 640 and MATH 220 or MATH 320. LEC.

ATMO 680. Physical Meteorology. 3 Hours. N.
This course is designed to enhance the student’s understanding of atmospheric processes through the study of these processes at molecular through micro scales. Topics include the properties and behavior of gases; transfer processes; phase change; solar and earth radiation; cloud drop, ice crystal and precipitation formation; atmospheric electricity; stratospheric chemistry. Prerequisite: MATH 223; PHSX 214, or PHSX 212 and PHSX 236. LEC.

ATMO 690. Special Problems in Meteorology. 1-3 Hours. N.
Prerequisite: Nine hours in meteorology. IND.

ATMO 697. Seminar for Seniors. 1 Hour. AE61 / N.
Current research in atmospheric science will be discussed. May be repeated for a total of two credit hours. Prerequisite: Senior level in atmospheric science. LEC.
ATMO 699. Undergraduate Research. 2 Hours. AE61 / U.
Work on a research project under the supervision of a faculty member. Prerequisite: Nine credit hours in atmospheric science. May be taken up to three times for credit. IND.

ATMO 710. Atmospheric Dynamics. 3 Hours.
Presentation of contemporary approaches to the study of atmospheric dynamics. May include methodologies that provide insight into global, synoptic, mesoscale or microscale motions. Prerequisite: ATMO 660 or equivalent. LEC.

ATMO 720. Atmospheric Modeling. 3 Hours.
Illustration and application of contemporary approaches to mathematical and statistical description of atmospheric phenomena. Prerequisite: MATH 122, ATMO 640, ATMO 680, and a course in statistics, or consent of instructor. LEC.

ATMO 727. Atmospheric Storms. 3 Hours.
The physical processes and operating principles involved in the development and life cycles of extreme or unusual weather events including tornadoes, blizzards, lightning displays, and tropical storms. Prerequisite: EECS 138, MATH 121, and ATMO 320. LEC.

ATMO 731. Advanced Topics in Atmospheric Science: ______. 1-3 Hours.
Advanced investigation of special topics in atmospheric science. May include topics in dynamic, physical or synoptic meteorology or climatology as well as related topics in earth and physical sciences. May be repeated if topic differs. LEC.

ATMO 750. Numerical Weather Prediction. 3 Hours.
An exploration of the mathematical methods used to describe the current state of the atmosphere and to predict future states. Current operational numerical weather prediction techniques will be included. Prerequisite: ATMO 660. LEC.

ATMO 825. Seminar in Climatology. 2-3 Hours.
LEC.

ATMO 827. Seminar in Atmospheric Science. 1-3 Hours.
LEC.

ATMO 899. Master’s Thesis. 1-10 Hours.
Graded on a satisfactory/unsatisfactory basis. THE.

GEOG 100. World Regional Geography. 3 Hours. SC AE42 / S.
An introductory survey of the environmental setting, historically formative periods, and present-day issues that distinguish the major culture areas of the world. LEC.

GEOG 101. World Regional Geography, Honors. 3 Hours. SC AE42 / S.
An introductory survey of the environmental setting, historically formative periods, and present-day issues that distinguish the major culture areas of the world. Open only to students in the College Honors Program, or by consent of instructor. LEC.

GEOG 102. Principles of Human Geography. 3 Hours. SC AE42/GE3S / S.
An examination of the relationships between humans and their environments. The course introduces students to basic concepts in human geography relating to economic activities, landscapes, languages, migrations, nations, regions, and religions. Serves as the basis for further course work in cultural, economic, political, population, and urban geography. LEC.

GEOG 103. Principles of Human Geography, Honors. 3 Hours. SC AE42/GE3S / S.
An introduction to how human societies organize space and modify the world about them. Resultant patterns on the landscape are interpreted through principles of space perception, cultural ecology, diffusion, land use, and location theory. Comparisons are made between urban and rural areas and between subsistence and commercial societies. Open to students who have been accepted into the College Honors Program. LEC.

GEOG 104. Principles of Physical Geography. 3 Hours. NE GE3N / N.
The components of the physical environment are discussed in order to familiarize the student with their distributions and dynamic nature. Major topics include the atmosphere, landforms, soils, and vegetation together with their interrelationships and their relevance to human activity. This course and GEOG 105 together satisfy the laboratory science requirement. Both courses are required for geography majors. LEC.

GEOG 105. Introductory Laboratory in Physical Geography. 2 Hours. U.
A laboratory course designed to complement GEOG 104 in satisfying the laboratory science requirement. It is required for geography majors. Laboratory exercises include a wide variety of analyses using data on the atmosphere, hydrosphere, biosphere, and lithosphere. Prerequisite: GEOG 104, which may be taken concurrently. LAB.

GEOG 107. Principles of Physical Geography, Honors. 3 Hours. NE GE3N / N.
Interactive processes among the systems of the earth are studied and discussed. Major topics include vegetation, soils, landforms, water, the atmosphere, and cycles of matter between these portions of the earth. The course includes lectures and critical discussions to address study problems in physical geography. Open only to students in the University Honors Program or by consent of the instructor. LEC.

GEOG 111. Maps and Mapping. 4 Hours. H.
How do people find their way from here to there or just around? Simple--they use maps. Maybe not maps on pieces of paper but maps in their heads: mental maps. Different people have different maps, even of the same place. Mapping is an ancient form of communication and maps have created ideas and opinions, promoted understanding and confusion. A non-technical approach to the transformation of space onto maps, to their content and structure, and their role and impact in human activity, past and present. Neither background in geography nor artistic skills are required. LEC.

GEOG 140. Global Environment I: The Discovery of Environmental Change. 5 Hours. GE3S / U.
This interdisciplinary course and laboratory sections survey the foundations of environmental understanding and the process of scientific discovery from perspectives that combine the principles and methodologies of the humanities, physical, life and social sciences. Key topics include the history of environmental systems and life on earth, the discovery of biotic evolution, ecological change, and climate change. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences to earth systems and the development of environmental understanding using historical and present-day examples. (Same as EVRN 140 and HIST 140.) LEC.

GEOG 142. Global Environment II: The Ecology of Human Civilization. 5 Hours. GE3S / U.
This interdisciplinary course and its laboratory sections survey the history of humanity's relationship with the natural world over the long term from perspectives that combine the principles and methodologies of the humanities, physical, life and social sciences. Key topics include the evolution of Homo sapiens and cultural systems; the development of hunter, gatherer, fisher, agricultural, and pastoral lifeways; the
ecology of colonialism and industrial civilization, and the emergence of ideological and ethical perspectives on the relationship between nature and culture. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences. Key topics include the history of environmental systems and life on earth, the discovery of biotic evolution, ecological change, and climate change. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences to earth systems and the development of environmental understanding using historical and present-day examples. (Same as EVRN 144 and HIST 145.) Open only to students admitted to the University Honors Program or by permission of instructor. LEC.

GEOG 145. Global Environment II: The Ecology of Human Civilization, Honors. 5 Hours. U.
This interdisciplinary course and its laboratory sections survey the history of humanity's relationship with the natural world over the long term from perspectives that combine the principles and methodologies of the humanities, physical, life and social sciences. Key topics include the evolution of Homo sapiens and cultural systems; the development of hunter, gatherer, fisher, agricultural, and pastoral lifeways; the ecology of colonialism and industrial civilization, and the emergence of ideological and ethical perspectives on the relationship between nature and culture. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences to the humanity's engagement with the global environment using historical and present-day examples. (Same as EVRN 144 and HIST 145.) Open only to students admitted to the University Honors Program or by permission of instructor. LEC.

GEOG 148. Scientific Principles of Environmental Studies. 3 Hours. NB / N.
This course presents an overview of our understanding of environmental processes and issues. Topics include scientific principles, resource issues, pollution and global change, among others. This course gives students a rigorous understanding of interactions between humans and their environment and provides students with a scientific basis for making informed environmental decisions. (Same as EVRN 148.) LEC.

GEOG 149. Scientific Principles of Environmental Studies, Honors. 3 Hours. NB / N.
This course presents an overview of our understanding of environmental processes and issues. Topics include scientific principles, resource issues, pollution and global change, among others. This course gives students a rigorous understanding of interactions between humans and their environment and provides students with a scientific basis for making informed environmental decisions. An honors section of GEOG 148 designed for superior students. (Same as EVRN 149.) Prerequisite: Membership in the University Honors Program or approval of instructor required. LEC.

GEOG 150. Environment, Culture and Society. 3 Hours. SC / S.
An introduction to geographic approaches to the study of the environment, emphasizing societal and cultural factors that influence human interaction with the biosphere, hydrosphere, lithosphere, and atmosphere. The course involves analysis of a broad range of contemporary environmental issues from the local to global scales. (Same as EVRN 150.) LEC.

GEOG 177. Frist Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Geography. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

GEOG 210. Computers, Maps, and Geographical Analysis. 3 Hours. N.
This course will introduce students to a number of different methods for the visualization, representation, and analysis of geographical phenomena. Both field and computer-based techniques will be employed to demonstrate the concept of experimental design and the collection, processing, and analysis of geographical data. Topics include: 1) the unique nature of geographic data; 2) mapping techniques and technologies; 3) geographical information systems; 4) remote sensing (aerial photography and satellite imagery); and 5) methods of geographical analysis (e.g., statistic and spatial modeling). LEC.

GEOG 304. Environmental Conservation. 3 Hours. NE GE3N / N.
A survey of current methods of describing and modeling the function, structure, and productivity of natural and anthropogenically modified earth resource systems, along with a discussion of contemporary views of what constitutes a natural landscape. Fundamental natural science principles about the interplay among lithospheric, atmospheric, hydrospheric, and biospheric components of earth systems are emphasized. Uses of natural resources, including fossil fuels, minerals, and water are described with attention to the earth's total energy budget. Human activities that affect preservation, conservation, and multiple uses of earth regions receive attention. Systems under stress through population and other contemporary forces serve as examples. (Same as EVRN 304.) LEC.

GEOG 311. Map Conception and Development. 4 Hours. N.
An examination of the map process with emphasis on two areas: 1) the mental map formed during interaction with the environment and 2) the map as a physical object which emerges from mapping activity. A local area will serve as the laboratory/environment for the mapping activity including production and use. LEC.

GEOG 316. Methods of Analyzing Geographical Data. 4 Hours. N.
Introduces the benefits and limitations of using quantitative methods to analyze geographical problems. Covers traditional descriptive (e.g., measures of central tendency) and inferential statistics (e.g., hypothesis testing) but also inherently geographical approaches such as shape and point pattern analysis, and spatial autocorrelation. Laboratory emphasizes using the computer to explore and analyze geographical problems. LEC.

GEOG 319. Topics in Techniques: ______. 1-3 Hours. N.
An investigation of special topics in Techniques. May include coursework in cartography, GIS, or remote sensing. May be repeated if topic differs. LEC.

GEOG 321. Climate and Climate Change. 3 Hours. N.
This course is designed to introduce students to the nature of the Earth's physical climate. It introduces the basic scientific concepts underlying our understanding of our climate system. Particular emphasis is placed on energy and water balances and their roles in evaluating climate change. The course also evaluates the impact of climate on living organisms and the human environment. Finally, past climates are discussed and potential future climate change and its impact on humans is evaluated. (Same as ATMO 321.) Prerequisite: ATMO 105 or GEOG 104. LEC.

GEOG 331. Regional Geomorphology of the United States. 3 Hours. N.
This course examines forces and processes affecting the earth's surface, and furthermore identifies and describes the physiographic regions that
are the result of these processes. Special efforts are made to explore various photographic resources, satellite imagery, and internet sources or geomorphic data from a regional perspective since there is no wholly satisfactory text available for the course. A research paper is required. Prerequisite: An introductory earth science course or consent of instructor. LEC.

GEOG 332. Glaciers and Landscape. 3 Hours. N.
Elements from glaciology, geology, and climatology are merged to examine the interactions between glaciers and their natural environments, including the processes involved in glacier formation, the relationship between glaciers and climate, the mechanisms of glacier flow, and interpretation of the Earth's glacial record. Emphasis is placed on an interdisciplinary approach to study environmental change and paleoclimate reconstruction. Prerequisite: GEOG 104 or GEOL 101, or consent of instructor. LEC.

GEOG 335. Introduction to Soil Geography. 4 Hours. N.
This course focuses on the properties and processes of soils as they occur in their environment. The student is introduced to the nature of soil as it functions as a body; genesis of soils; properties of soil solids, especially colloids; soil chemical composition, properties, and reactions; interaction between solid, liquid, and gaseous components in soils; plant-soil-water relationships; biological interactions with soil; classification of soils; and the distribution of soils on the landscape. Not open to students who have taken EVRN 535 or GEOG 535. (Same as EVRN 335.) Prerequisite: GEOG 104 or GEOL 101 or consent of instructor; BIOL 100 and CHEM 130 or CHEM 190 recommended. LEC.

GEOG 338. Introduction to River Systems. 3 Hours. N.
A course of fluvial geomorphology. Topics include the drainage basin, fluvial processes, river channel adjustment and forms, human disturbance and geomorphic response, and research methods in fluvial geomorphology. Field trip. Prerequisite: GEOG 104. LEC.

GEOG 339. Topics in Physical Geography: ______. 1-3 Hours. N.
An investigation of special topics in Physical Geography. May include coursework under headings of soils, vegetation, climate, or geomorphology. May be repeated if topic differs. LEC.

GEOG 350. Physical Geography of Africa. 3 Hours. N.
This course is a survey of the basic physical features of the African continent including structure and relief, rivers and lakes, soils and mineral resources. It includes characteristics and processes of African climates, and the ecology of Africa's four major biomes: tropical rain forest, savanna, steppe, and desert. Climatic and environmental variations of the past, emergence of humankind, and development of pastoral and farming systems are discussed. Contemporary environmental concerns also include deforestation and desertification, the impacts of drought, and methods for monitoring African environments, and Africa's prospects in a 21st century suffering from global warming. (Same as AAAS 350.) LEC.

GEOG 351. Africa's Human Geographies. 3 Hours. NW AE42/GE3H/GE3S / S/W.
An introduction to historical, cultural, social, political, and economic issues in Africa from a geographic perspective. The course begins with the historical geography of humanity in Africa, from ancient times through to the present. Other topics include cultural dynamics, demography, health, rural development, urbanization, gender issues, and political geography. Case studies from Eastern and Southern Africa will be used to illustrate major themes. (Same as AAAS 351.) LEC.

GEOG 352. Economic Geography. 3 Hours. S.
This course offers an overview of contemporary economic geography with an underlying theme of uneven regional development. Topics examined include: the historical context in which capitalism emerged; the major theoretical approaches used to understand the temporal and spatial dynamics of capitalist society; a series of case studies of different economic sectors; and the global economy, including its development with respect to colonialism, neocolonialism, international trade, third world development, and population growth. LEC.

GEOG 357. History and Philosophy of Geographic Information Science. 3 Hours. N.
An examination of the development of geographic information science (GISc) from its roots in traditional geography, cartography, and remote sensing to modern geographic information systems (GIS). GIS is explored as a new scientific instrument, a "macroscope" for representing and analyzing complex earth processes, both physical and cultural. The societal benefits and risks of GIS are demonstrated and discussed. LEC.

GEOG 358. Principles of Geographic Information Systems. 4 Hours. N.
An introduction to computer-based analysis of spatial data. Covers basic principles of collecting, storing, analyzing, and displaying spatial data. Emphasis is on problem-solving activities using common spatial analytical techniques (e.g., map overlay). The student will gain extensive hands-on experience with state-of-the-art GIS software. LEC.

GEOG 370. Introduction to Cultural Geography. 3 Hours. GE3S / H.
Charts some of the major lines of research in cultural geography, including critical theory, political economy, poststructuralist thought, feminism, and global consumption. Through fieldwork, diverse research methods are applied to issues such as community development, cultural patterns on the landscape and global impacts on local economies. Prerequisite: GEOG 100, GEOG 101, GEOG 102 or GEOG 103; or consent of instructor. LEC.

GEOG 371. Environmental Geopolitics. 3 Hours. S.
This course examines how human relationships with the biophysical world are politicized. Examines key contributions to debates surrounding environmental security, resource conflicts, and related issues, as well as geopolitical assumptions on which these debates build. (Same as EVRN 371.) LEC.

GEOG 372. Environmental Policy. 3 Hours. N.
An historical and analytical study of the formulation, implementation, and consequences of environmental policy in the United States. Attention is directed at relevant interest groups, issues specific to both rural and urban populations, relationships between national policies and international organizations concerned with environmental problems. Prerequisite: GEOG 148 or EVRN 148; and either EVRN 103 or HIST 103, EVRN 347 or HIST 347, or GEOG150 or EVRN 150. LEC.

GEOG 375. Intermediate Human Geography. 3 Hours. S.
An examination of processes of cultural-economic interaction and patterns of human activity on a global scale. The topics cover the whole spectrum of human geography, with a focus on urban-economic development, innovation and diffusion, and trade. Each week the third hour will be devoted to discussion of topics dealt with in lectures presented during the first two hours. Prerequisite: Introductory course in Geography or consent of the instructor. LEC.

GEOG 377. Urban Geography. 3 Hours. S.
This course explores the city from the multiple perspectives of its inhabitants. The cultural viewpoints of place, gender, age, and ethnicity are stressed. Traditional topics such as urban hierarchy, functions of the city, suburbanization, and ongoing changes in core and peripheral areas also receive attention. The distinctive landscapes of individual North American cities are emphasized, but examples also are drawn from throughout the world. LEC.
GEOG 379. Topics in Cultural Geography: _______. 1-3 Hours. S.
An investigation of special topics in Cultural Geography. May include coursework under headings of culture theory, material culture, language, foodways, or religion. May be repeated if topic differs. LEC.

GEOG 390. Geography of the United States and Canada. 3 Hours. S.
A study of the different physical, economic, and cultural settings in the United States and Canada which form the basis for the various forms of livelihood. Emphasis on the United States. (Same as AMS 390.)
Prerequisite: An introductory geography course or background in the United States or Canadian history, social science, or culture or consent of instructor. LEC.

GEOG 395. Environmental Issues of: ______. 3 Hours. S.
This regional geography course examines contemporary environmental issues of a particular region of the world based on the expertise of the professor. Course emphasis is on the interaction of natural, socio-economic, and cultural factors of development that give rise to environmental problems. Students learn how local, national, and international government and non-governmental stakeholders address environmental problems. Course may be repeated with different professors. LEC.

GEOG 396. East Asia. 3 Hours. NW AE42/GE3H/GE3S / S/W.
This course is an introduction to the contemporary politics, economy, and culture of Korea, China, and Japan in the context of globalization. In addition to the discussion of individual countries, the course examines the cross-cutting themes such as international relations, cultural exchange, and economic development in the region of East Asia. LEC.

GEOG 397. Geography of Kansas and the Plains. 3 Hours. S.
A study of the different physical, economic, and cultural settings in Kansas and the Plains that form the basis for various kinds of livelihood. LEC.

GEOG 399. Topics in Regional Studies: _______. 1-3 Hours. S.
An investigation of special topics in Regional Studies. May include coursework related to a specific country or region. May be repeated if topic differs. LEC.

GEOG 410. Human Biogeography, Honors. 3 Hours. N.
Principles of evolution and earth change are used to examine distributions of human populations, wealth, and resources. Readings from the current literature will be included. Lecture and discussion. (Same as BIOL 410.)
Prerequisite: BIOL 152 or 153 or GEOG 107 and membership in the University Honors Program or consent of instructor. LEC.

GEOG 418. Workshop in Production Cartography. 1-3 Hours. AE61 / N.
Theory and practice of map production and other related graphics using the latest graphic and GIS software. Projects vary but include the processes of design and production, editing and quality control, and a final printed or operational product. Involves a weekly consultation session and laboratory time in KU Cartographic GIS Services. Prerequisite: Completion of GEOG 311 and consent of instructor. IND.

GEOG 433. Biogeography Field and Laboratory Techniques. 3 Hours. N.
This course provides undergraduate students with practical experience in field data collection techniques and laboratory data analysis methods. During the first half of the semester, students work in the field using a variety of methods to measure such vegetation characteristics as: cover, density, biomass, leaf area, and canopy architecture. Students gain experience in the use of field instruments including a spectroradiometer, and techniques for quantifying biophysical attributes of vegetation. During the later part of the course, students learn to summarize their field data and examine relationships between the vegetation attributes and measurements made using remote sensing instruments. Recommended: GEOG 316 or an introductory statistics equivalent. (Same as EVRN 433.) FLD.

GEOG 458. Geographical Information Systems: _______. 1-6 Hours. N.
An introduction to the organization and components of geographic information systems and their software. Fundamental concepts and their implementation with applications to physical and human systems. LEC.

GEOG 490. Geographic Internship. 1-6 Hours. AE61 / N.
Supervised practical experience. The student submits a proposal describing the internship prior to enrollment. Upon acceptance, regularly scheduled meetings with the advisor provide assistance, guidance and evaluation of progress in the professional experience. A written summary of the experience or outcomes of the research project are prepared independently by the student, a representative of the host agency, and the advisor. Total credit not to exceed six hours. Prerequisite: Fifteen hours of geography and permission of instructor. LEC.

GEOG 498. Special Topics in Geography: ______. 1-5 Hours. U.
Prerequisite: Fifteen hours of geography. IND.

GEOG 499. Honors Course in Geography. 2-3 Hours. AE61 / U.
Open to students with nine hours of upper level credit in geography, an average of at least 3.5 in all geography courses, and an overall average of at least 3.25. Includes the preparation of an honors paper and its defense before a committee of at least two regular faculty members. IND.

GEOG 500. Senior Capstone in Geography. 3 Hours. AE61 / N.
The capstone project provides students with a broad-based, interdisciplinary educational experience and allows them to integrate and synthesize the knowledge they have gained in their studies. The course is designed to achieve several objectives: provide an overview of geography as a unified, coherent discipline with multiple perspectives, emphasize writing and analytical skills, introduce students to a major research project that integrates elements of physical and human geography, and cultivate knowledge of future professional development. Graduate students may take this course by permission only. Prerequisite: Nine hours in Geography and status as a senior major in the department; or permission of instructor. LEC.

GEOG 510. Human Factors. 4 Hours. N.
An introduction to the concepts and theories underlying the study of human-technological systems. Human-machine interfaces and system properties and the environment are considered. Lecture-discussion sessions are supplemented by computer-supported laboratory and research activities. LEC.

GEOG 511. Intermediate Cartography: _______. 1-6 Hours. N.
An investigation of special topics in cartography. Can be repeated for different topics. Prerequisite: A course in cartography and consent of instructor. LEC.

GEOG 513. Cartographic Design. 3 Hours. S.
A study of graphic elements and their role in the physical and perceptual structure of the map image. Concepts and principles of design are stressed with particular emphasis on the figure-ground relationships, color and lettering. Prerequisite: GEOG 411. LEC.

GEOG 514. Visualizing Spatial Data. 4 Hours. N.
Students use Visual Basic or other currently prominent programming language to visualize spatial data. Early projects cover basic principles such as color manipulation and spatial transformations. Later projects involve developing more sophisticated software for data presentation, data exploration, and map animation. Prerequisite: Some experience with Visual Basic or other programming language. LAB.
GEOG 516. Applied Multivariate Analysis in Geography. 3 Hours. N.
An introduction to the application of multivariate statistical analysis in geography. Techniques covered include univariate and multivariate analysis of variance, multiple regression, logistic regression, principle components analysis, and spatial regression. Practical applications of the techniques in a geographical research context are emphasized. Students will learn how to use statistical packages such as SPSS. Prerequisite: GEOG 316 or equivalent. LEC.

GEOG 517. Data Handling and Map Symbolization. 3 Hours. N.
An analysis of methods for manipulating and symbolizing spatial data. Techniques studied include dot, choropleth, proportional symbols, and isarithmic (contour) mapping. Topics covered include data classification, the use of color, and automated methods of interpolation (triangulation, inverse distance, and kriging). Emphasis is on developing maps that can be presented to the general public, although some consideration is given to visualization software that can be utilized by individuals to explore spatial data. Prerequisite: GEOG 111 or GEOG 210 or GEOG 311. LEC.

GEOG 519. History of Cartography. 3 Hours. H.
A history of mapmaking worldwide from its origins to the present day. Emphasis on maps as historical records of evolving civilizations and cultural landscapes and methods of studying early maps. (Same as HIST 546.) LEC.

GEOG 521. Microclimatology. 3 Hours. N.
A study of climatic environments near the earth-atmosphere interface. Consideration of rural climates in relation to agriculture and urban climates as influenced by air pollution and other factors. Emphasis is on physical processes in the lower atmosphere, distribution of atmospheric variables, the surface energy budget, and water balance. (Same as ATMO 521.) Prerequisite: ATMO 105 and MATH 106 or MATH 121. LEC.

GEOG 526. Remote Sensing of Environment I. 4 Hours. N.
Introduction to study of the environment through air photos and satellite imagery, including principles of remote sensing, interactions of electromagnetic energy with the atmosphere and earth's surface, aerial photography, satellite systems, and sensors (electro-optical, thermal, and radar). Emphasis in the latter part of the course is on such applications as global monitoring, land cover mapping, forestry, agriculture, and oceanography. Laboratory emphasizes visual interpretation of aerial photography and satellite imagery and an introduction to digital image processing in the department's NASA Earth Science Remote Sensing Laboratory. (Same as EVRN 526.) Prerequisite: MATH 101 or equivalent. GEOG 358 recommended. LEC.

GEOG 531. Topics in Physical Geography: _____. 1-3 Hours. N.
An investigation of special topics in physical geography. May include specific course work under the headings of geomorphology, climatology, soils, vegetation, quaternary, paleoenvironments, hydrology, etc. May be repeated, if topic differs. LEC.

GEOG 532. Geoarchaeology. 3 Hours. N.
Application of the concepts and methods of the geosciences to interpretation of the archeological record. The course will focus primarily on the field aspects of geoarchaeology (e.g., stratigraphy, site formational processes, and landscape reconstruction), and to a lesser extent on the array of laboratory approaches available. (Same as ANTH 517.) Prerequisite: GEOG 104, ANTH 110, or ANTH 310. LEC.

GEOG 535. Soil Geography. 4 Hours. N.
A broad study of the principles and properties of soils and their distribution on the landscape. Topics covered include: pedology, clay mineralogy, soil physics, soil chemistry, management of soils, soil biology, taxonomy, and soil geomorphology. Laboratory section and a field project are required. Not open to students who have taken GEOG 335 or EVRN 335. (Same as EVRN 535.) Prerequisite: GEOG 104 or GEOL 101 or consent of the instructor; BIOL 104 and CHEM 130 or 190 recommended. LEC.

GEOG 537. Elements of Plant Geography. 3 Hours. N.
An introduction to spatial and temporal variation in natural plant populations and communities. Included is an introduction to methods of analysis, and an overview of structure and process in the earth's major biomes. Prerequisite: GEOG 331; or an introductory biology/botany course and GEOG 104; or consent of instructor. LEC.

GEOG 538. Soil Chemistry. 3 Hours. N.
This course examines the chemical properties and processes of soils and methods of evaluation. Topics include solid and solution speciation, mineral solubility, soil colloidal behavior, ion exchange, surface complexation, soil salinity and sodicity, soil acidity, oxidation-reduction reactions, and kinetics of soil chemical processes. (Same as EVRN 538.) Prerequisite: GEOG 335 or GEOG 535 or EVRN 335 or EVRN 535, CHEM 135 or CHEM 195, MATH 121, PHSX 114, or consent of the instructor. LEC.

GEOG 541. Geomorphology. 4 Hours. N.
A critical study of land forms in relation to tectonics, climatic environment, and geologic processes. The use of geomorphic methods in the interpretation of Cenozoic history is emphasized. Laboratory exercises in analysis of field observations, maps, and photographs. Required field trip and fee. (Same as GEOG 541.) Prerequisite: GEOG 101 and GEOG 103, GEOG 104 and GEOG 105, or GEOG 103 and GEOG 304. LEC.

GEOG 550. Environmental Issues in Africa. 3 Hours. S.
Acquaints students with the complexities of debates on environmental problems in Sub-Saharan Africa. Topics addressed may include deforestation, desert expansion, wildlife conservation, soil erosion, climate change, coral reef destruction, water resources development, mangrove preservation, the environmental effects of war, industrialization, and urbanization. Class presentations and projects synthesize the perspectives of both human and physical geography. (Same as AAAS 551.) Prerequisite: GEOG 104 or permission of instructor. LEC.

GEOG 552. Topics in Urban/Economic Geography: _____. 1-3 Hours. S.
An investigation of special topics in urban/economic geography. May include specific course work under the headings of energy, economic development, international trade, environmental perception, housing, transportation, and migration. May be repeated. LEC.

GEOG 553. Geography of African Development. 3 Hours. NW AE42/GEOG/GE3S / S.
Acquaints students with the values of social parameters of African agricultural and pastoral practice. Topics include customary land rights, African perspectives on the natural world, gender issues in African agriculture, and the urbanization of African cultures. The course also contrasts African views with those of Western development practitioners and donor agencies. Case studies from different countries are used to highlight the continent's regional differences. (Same as AAAS 553.) LEC.

GEOG 556. Geography of the Energy Crisis. 3 Hours. S.
A discussion and analysis of the basic facts and causes of energy problems on a national and world scale. Examines current production, consumption, efficiency, reserves, conservation, and other energy policy options, including adjustments that will affect consumer use, national politics, and strategic issues. Prerequisite: GEOG 102 or GEOG 375. LEC.

GEOG 557. Cities and Development. 3 Hours. S.
An intermediate level course in urban geography, with an emphasis on cities in the developing world. Example cities in Latin America and the Caribbean, Sub-Saharan Africa, the Middle East, South Asia, and/or
Southeast Asia may be examined. The main focus is on the intersection between urbanization and economic development, but social, political, and cultural aspects of development in cities are considered. Other topics include the geographic impacts of European colonialism, urbanization and industrialization, rural-to-urban migration, urban structure and spatial dynamics, urban planning, and environmental sustainability. (Same as AAAS 557.) LEC.

GEOG 558. Intermediate Geographical Information Systems. 4 Hours. N.
An intermediate level course in geographic information science designed for advanced undergraduate and graduate level students who already have an introductory understanding of GIS. Emphasis will be placed on the application of spatial analytical techniques to geographical problem-solving. Topics include spatial data structures, interpolation techniques, terrain analysis, cost surfaces, and database management technique. Students will apply knowledge gained in lecture and reading to natural resource, urban, and scientific applications using state-of-the-art GIS software. Prerequisite: GEOG 358 or consent of instructor. LEC.

GEOG 560. GIS Application Programming. 3 Hours. N.
This course teaches programming within Geographic Information Systems. Students learn how to customize GIS applications to automate data processing and spatial analysis through programming languages. GIS programming concepts and methods are introduced from the aspects of spatial data management and analysis covering both the vector and raster data models. Prerequisite: GEOG 558 and a course in programming languages. LEC.

GEOG 570. Geography of American Indians. 3 Hours. NW AE42/GE3H/GE3S / S.
A survey of the culture and history of selected indigenous peoples of the Americas. Emphasis is placed on the environmental setting, the settlement and subsistence patterns, and the impact of European colonization. Discussion includes present-day ethnic and resource issues. LEC.

GEOG 571. Topics in Cultural Geography: ____. 1-3 Hours. S.
An investigation of special topics in cultural geography. May include specific course work under the headings of cultural theory and methodology, material culture, foodways, religion, and similar topics. May be repeated, if topic differs. LEC.

GEOG 572. Political Geography. 3 Hours. S.
Acquaints students with the theories and methods of political geography. Topics include geographical studies of: states, nations, and nationalism; territories and territoriality; geopolitics; and elections. Case studies from various regions of the world are included with an emphasis on the developing world. Prerequisite: GEOG 102 or equivalent or consent of instructor. LEC.

GEOG 574. Exploring Oceania. 3 Hours. S.
Acquaints students with the culture and history of Oceania including its settlement and the impacts of European and American colonialism on Australsialasia, Melanesia, Micronesia and Polynesia. Emphasis is placed on applying broad geographical concepts to this vast Oceanic region through the lenses of development, media and migration studies. Prerequisite: GEOG 102 or GEOG 103; or consent of instructor. LEC.

GEOG 576. Cultural Geography of the United States. 3 Hours. S.
Distributions of major culture elements including folk architecture, religion, dialect, foodways, and political behavior are systematically studied from a predominately historical perspective. These discussions are followed by a survey of the major culture regions in America. Although not absolutely necessary, familiarity with concepts treated in any of the following courses would be helpful: AMS 100, AMS 110, ANTH 108, ANTH 308, GEOG 102, or GEOG 390. (Same as GEOG 390.) LEC.

GEOG 579. Geography of American Foodways. 3 Hours.
An interdisciplinary approach to food that explores the diversity of eating habits across the United States and the role of food as an indicator of cultural identity and change. Current regional and ethnic food consumption patterns are stressed. Topics include multiculturalism and regional identity, the symbiotic relationship between restaurant food and home cooking, the recent interest in farmers' markets and organic foods, and the importance of the food industry and the popular press in setting trends. (Same as AMS 579.) LEC.

GEOG 590. Understanding Central Asia. 3 Hours. NW / S/W.
An intensive, multidisciplinary survey of Central Asia, focusing on the former Soviet republics-Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan—within additional coverage of neighboring regions (the Caucasus and the Caspian basin, Afghanistan, and western China). The course addresses the history of the region (from the Silk Road to Soviet rule), geography, religion, and the building of post-Soviet states and societies. (Same as REES 510.) LEC.

GEOG 591. Geography of Latin America. 3 Hours. SC AE42/GE3S / S/W.
A study of the different physical, economic, and cultural settings in Latin America which form the basis for the various forms of livelihood. LEC.

GEOG 592. Middle American Geography. 3 Hours. S.
This regional study of the natural environments and cultural-historical backgrounds of Mexico, Central America, and the Caribbean details the physical and historical processes that have shaped the cultural landscape. LEC.

GEOG 593. Central American Peoples and Lands. 3 Hours. S.
This is a study of the natural and cultural history of the region’s lands and peoples that focuses on the cultural geography of the surviving indigenous populations, including their culture area, culture history, cultural landscape, and cultural ecology. LEC.

GEOG 594. Geography of the Former Soviet Union. 3 Hours. S/W.
An analysis of the spatial organization of the successor states to the USSR. A study of the diverse human and natural resources, demographic, cultural, and economic conditions. Prerequisite: An introductory geography course or background in Russian-East European history, social science, or culture, or consent of instructor. LEC.

GEOG 595. Geography of Eastern Europe. 3 Hours. S/W.
A study of nations and regions of Eastern Europe, excluding Russia. Prerequisite: An introductory geography course or background in Slavic-East European history, social science, or culture or consent of instructor. LEC.

GEOG 597. Geography of Brazil. 3 Hours. S.
Study of geographic factors, physical and cultural, that are basic to understanding the historical development of Portuguese South America and the contemporary and cultural geography of Brazil. Course also includes a survey of Brazil's South American neighbors. LEC.

GEOG 601. Indigenous Peoples of the World. 3 Hours. S.
A survey of the varied responses of global Indigenous peoples as a result of the imposition of external economic and political systems. An overview of diverse, thematic issues such as land rights, economic development, resources and cultural patrimony, languages, knowledge systems, and women’s rights from the perspectives of Indigenous societies around the world. Detailed studies of Indigenous peoples seeking recognition and protection under international law are used. (Same as ISP 601.) Prerequisite: Permission of instructor. LEC.
GEOG 635. Soil Physics. 3 Hours. N.
Provides theoretical and practical foundations for understanding physical properties and processes of variably-saturated porous media. Focus is on the transport, retention, and transformation of water, heat, gas, and solutes through the soil. We examine modern vadose zone measurement methods, analytical tools, and numerical models for data collection and interpretation. (Same as EVRN 635.) Prerequisite: GEOG 335 or EVRN 335, or GEOG 535 or EVRN 535, and MATH 121, PHSX 114; or consent of instructor. LEC.

GEOG 658. Topics in Geographic Information Science: ______. 1-6 Hours.
An investigation of special topics in geographic information science. May include specific coursework under the headings of methodology, basic research, thematic or regional applications, geographic information systems (GIS), Global Positioning System (GPS), and geostatistics. May be repeated if topic differs. LEC.

GEOG 670. Cultural Ecology. 3 Hours. S.
Investigation of the interrelations between socio-cultural systems and the natural environment, including a survey of major theories and descriptive studies. (Same as ANTH 695.) Prerequisite: An introductory course in geography or anthropology. LEC.

GEOG 710. Information Design. 3 Hours.
Concepts and principles for the organization of verbal, numerical, and graphic/spatial data and their application to the production of information displays and instruments. Examination of the evolution of the information design process from the traditional (communication system) perspective to interactive user-centered design approaches. The nature of human information processing in handling information for both visualization and analysis, with particular emphasis on decision-making and usability. Prerequisite: GEOG 510, INDD 510, PSYC 318, PSYC 685, or equivalent, or consent of instructor. LEC.

GEOG 711. Advanced Cartography: ______. 3 Hours.
An investigation of special topics in cartography. Can be repeated for different topics. Prerequisite: Consent of instructor. LEC.

GEOG 713. Practicum in Cartography. 1-6 Hours.
Experience in the organization and presentation of cartographic material in lecture, discussion, and laboratory formats. May be repeated to a total of six credits. Prerequisite: Consent of instructor. FLD.

GEOG 714. Field Experience. 3 Hours. AE61.
Working in a new environment presents problems unlike those encountered in a classroom situation. Data collection techniques and exercises discussed in this off-campus course are intended to provide experience in dealing with an unfamiliar situation. Course location is dictated by the interests and composition of the student group; offered in the first three weeks of August. Geography majors are encouraged to attend. This course is required for graduate students. Fee required. Prerequisite: Junior-senior standing and fifteen hours of geography or consent of instructor. FLD.

GEOG 716. Advanced Geostatistics. 3 Hours.
An introduction to the practical application of advanced geospatial statistical techniques. Potential topics include: spatial regression, interpolation, clustering, and advanced nonparametric statistics. Knowledge of a statistical package and GIS is assumed. Prerequisite: GEOG 516 or equivalent and GEOG 358 or equivalent. LEC.

GEOG 719. Development of Geographic Thought. 2-3 Hours.
Critical analysis of the growth of geographic thought from antiquity to the present; emphasis on structure of modern geography. Prerequisite: Twenty hours of geography or consent of instructor. LEC.

GEOG 726. Remote Sensing of Environment II. 4 Hours.
An overview of techniques for computer analysis of digital data from earth orbiting satellites for environmental applications. Topics covered include: data formats, image enhancements and analysis, classification, thematic mapping, and environmental change detection. The laboratory exercises provide hands-on experience in computer digital image processing in the department's NASA Earth Science Remote Sensing Laboratory. Prerequisite: Introductory statistics and GEOG 526 or equivalent. LEC.

GEOG 731. Topics in Physical Geography: ______. 1-3 Hours.
An investigation of special topics in physical geography. May include specific course work under the headings of geomorphology, climatology, soils, vegetation, quaternary, paleoenvironments, hydrology, etc. May be repeated. RSH.

GEOG 732. Topics in Urban/Economic Geography: ______. 1-3 Hours.
An investigation of special topics in urban/economic geography. May include specific coursework under the headings of energy, economic development, international trade, environmental perception, housing, transportation, and migration. May be repeated. LEC.
GEOG 756. Energy Problems and the Economic-Physical Environment. 2-3 Hours.
This course investigates the economic, social, political, and environmental conditions of energy production, transport, and use: total energy consumption and mix, relations to the level and structure of the economy, substitutability of fuel and energy sources, resource endowment in an international setting. Prerequisite: GEOG 551 or a course in economics or consent of instructor. LEC.

GEOG 758. Geographic Information Science. 4 Hours.
This course integrates topics in geographical information science (GISci) with spatial analytical techniques to solve spatial problems. Focuses on the most current research in GISci and its relevance to the environmental sciences, natural resource management, and spatial decision-making. Students are expected to apply the concepts and techniques learned in this class to their own research projects. Prerequisite: GEOG 316 and GEOG 558, or consent of instructor. LEC.

GEOG 771. Topics in Cultural Geography: ______. 1-3 Hours.
An investigation of special topics in cultural geography. May include specific course methodology, material culture, foodways, religion, and similar topics. May be repeated. LEC.

GEOG 772. Problems in Political Geography. 3 Hours.
Case studies of regional and national power settings with particular emphasis upon the geographical analysis of political developments in unstable areas of the world. Prerequisite: GEOG 102 or GEOG 375. LEC.

GEOG 773. Humanistic Geography. 3 Hours.
A discussion and project-oriented course focused on ways of studying the character and meaning of places. Concepts examined include place and image makers, landscapes as text, sense of place, vernacular regions, and alternate representations of space. Prerequisite: Graduate standing or fifteen hours of geography or consent of instructor. LEC.

GEOG 775. Proseminar in Population Geography. 3 Hours.
Evaluation of problem formulation data gathering, research methods, and substantive knowledge in the geography of human populations. Concurrent auditing of GEOG 575 plus an additional meeting each week is required. Prerequisite: GEOG 575 and GEOG 516, and SOC 514. LEC.

A detailed description and analysis of selected regions of North America. Prerequisite: An introductory geography course or background in United States or Canadian history, social science, or culture or consent of instructor. LEC.

GEOG 791. Latin American Regions: ______. 3 Hours.
A description and analysis of the principal sources of geographic information pertaining to portions or all of Latin America. Prerequisite: GEOG 591 or concurrent auditing of GEOG 591, or consent of instructor. LEC.

GEOG 794. Regions of the Former USSR. 3 Hours.
A description and analysis of geographic data pertaining to the successor states to the USSR. Prerequisite: Fifteen hours of Geography courses or background in Russian, East European or Middle East studies, or consent of instructor. LEC.

GEOG 795. European Regions: ______. 3 Hours.
Prerequisite: Fifteen hours of geography, background in specified area, or consent of instructor. LEC.

GEOG 796. Asian Regions: ______. 2-3 Hours.
Prerequisite: Fifteen hours in geography courses or background in Asia, or consent of instructor. LEC.

GEOG 801. Indigenous Peoples of the World. 3 Hours.
A survey of the varied responses of global Indigenous peoples as a result of the imposition of externally-dominated economic and political systems. An overview of diverse, thematic issues such as land rights, economic development, resources and cultural patrimony, languages, knowledge systems, and women’s rights from the perspectives of Indigenous societies around the world. Detailed studies of Indigenous peoples seeking recognition and protection under international law will be used. The course is offered at the 600 and 800 levels, with additional assignments at the 800 level. (Same as ISP 801.) LEC.

GEOG 802. Urban Geographic Information Systems. 3 Hours.
An advanced survey of urban GIS/LIS focusing on: (1) history; (2) the wide range of applications from Automated Mapping/Facilities Management (AM/FM) to topologically related GIS; (3) generic analytical functions in both raster and vector modalities; and (4) software employed, hardware platforms, and institutional settings. A limited experience in the use of GIS is provided from exercises employing ARC/INFO software. Prerequisite: Some experience with DOS based computing. LEC.

GEOG 805. History of Geographic Thought. 2 Hours.
A course to familiarize students with the history and philosophy of geography as a science and humanity. The course summarizes, reviews, and explores the ongoing relevance of 2,500 years of theoretical and methodological advancements in human and physical geography. LEC.

GEOG 806. Basic Seminar. 2 Hours.
The second of two courses required of M.A. students designed to provide experience in the development of research proposals and exposure to methodologies in geography. This course deals with approaches to geographic problems, and involves individual examination of special topics which require preparation, presentation, and critical evaluation of research proposals. LEC.

GEOG 818. Problems in Production Cartography. 1-3 Hours.
Advanced instruction in the theory and practice of producing maps and other related graphics for classroom instruction and research projects. Emphasis will be on current photo-mechanical and automated techniques. Prerequisite: By appointment. Consent of instructor. LEC.

GEOG 835. Practicum in Soil Mapping and Soil Erosion. 3 Hours.
This course is designed to give graduate students field experience in soil mapping and in the evaluation of soils for loss through processes of erosion. Prerequisite: GEOG 535 or equivalent or consent of instructor. FLD.

GEOG 858. Environmental Geographic Information Systems. 4 Hours.
An introduction to the use of GIS for environmental inventory, monitoring, and modeling. This course integrates the principles of landscape ecology with the analytical tools of GIS, remote sensing, and spatial analysis. Students will be taught GIS methodologies used to address real world problems and the use of GIS spatial analysis techniques to characterize landscapes and monitor their change. Prerequisite: GEOG 316 and GEOG 558 or equivalents, multivariate analysis recommended. LEC.

GEOG 890. Geographic Internship. 1-6 Hours.
Supervised professional experience. The student submits to the program committee a proposal describing the internship prior to enrollment. Upon acceptance, regularly scheduled meetings with the advisor provide assistance, guidance and evaluation of progress in the professional experience. A written summary of the experience or outcomes of the research project are prepared independently by the student, a representative of the host agency, and the advisor. Total credit not to exceed six hours. Prerequisite: Twelve hours of graduate level geography courses and consent of program committee. FLD.
GEOG 898. Readings in Geography. 1-4 Hours. RSH.

GEOG 899. Master's Thesis. 1-10 Hours. Graded on a satisfactory/unsatisfactory basis. THE.

GEOG 911. Seminar in Cartography: ____. 1-4 Hours. Study of selected topics in cartography. Can be repeated for different topics. Prerequisite: GEOG 513 or consent of instructor. LEC.

GEOG 912. Seminar in Quantitative Methods. 2-3 Hours. LEC.

GEOG 926. Seminar in Remote Sensing. 2-4 Hours. Study of selected topics in remote sensing theory and application. May include independent or group research and/or development work. Topic will be specified in advance. Prerequisite: GEOG 726 or consent of instructor. LEC.

GEOG 935. Seminar in Soil Geography. 2-3 Hours. Subject matter varies but focuses on modern concepts and trends in soil geography. Sample topics include classification, paleopedology, and soil genesis. Field trip and fee may be required. Prerequisite: GEOG 735 or consent of instructor. LEC.

GEOG 937. Seminar in Vegetation Geography. 1-3 Hours. (Same as BIOL 968.) LEC.

GEOG 939. Seminar in Fluvial Systems. 2-3 Hours. Study of selected topics in remote sensing theory and application. May include independent or group research and/or development work. Topic will be specified in advance. Prerequisite: GEOG 726 or consent of instructor. LEC.

GEOG 957. Seminar in Urban and Economic Geography. 2-3 Hours. LEC.

GEOG 958. Seminar in Geographic Information Systems. 2-4 Hours. Study of selected topics in analysis of digital geographic data. May include research and/or developmental work. Prerequisite: GEOG 758 or equivalent, or consent of instructor. LEC.

GEOG 970. Seminar in Cultural Geography: ____. 2-3 Hours. Study of selected topics in the theory and method of cultural geography. Samples include religious patterns, folk architecture, and place-defining novels. Topic will be specified in advance. LEC.

GEOG 972. Seminar in Political Geography. 2-3 Hours. Study of selected topics in the theory and method of political geography. Samples include insurgent states, electoral patterns, and political ecology. Topic will be specified in advance. Prerequisite: GEOG 772 or consent of instructor. LEC.

GEOG 975. Seminar in Population Geography. 2-3 Hours. Study of selected geographic problems and topics dealing with the distribution of human populations. Prerequisite: GEOG 775 or consent of instructor. LEC.

GEOG 980. Seminar in Geography: ____. 1-3 Hours. LEC.

GEOG 990. Seminar in Regional Geography: ____. 1-3 Hours. (Selected areas to be specified.) LEC.

GEOG 998. Research in Geography. 1-5 Hours. RSH.

GEOG 999. Doctoral Dissertation. 1-10 Hours. Graded on a satisfactory/unsatisfactory basis. THE.

Geology Courses

GEOL 101. The Way The Earth Works. 3 Hours. NE GE3N / N. Introduction to the principles of earth science. Study of the formation, occurrence, and structure of minerals and rocks; action of streams, oceans, glaciers, and other agents in the formation and modification of the landscape; volcanism, earthquakes, and plate tectonics. Discussion of earth processes in the context of sustainable energy, environmental concerns, climate and other topical issues. This course with GEOL 103 satisfies the College laboratory science requirement. Concurrent enrollment in GEOL 103 is recommended for students taking both. Course may be offered in lecture or online format. LEC.

GEOL 102. The Way The Earth Works, Honors. 3 Hours. NE GE3N / N. Honors section of GEOL 101. An introduction to the principles of earth science. Study of the formation, occurrence, and structure of minerals and rocks; action of streams, oceans, glaciers, and other agents in the formation and modification of the landscape; mountain building, volcanism, earthquakes, and plate tectonics. Discussion of earth processes in the context of sustainable energy, environmental concerns, climate and other topical issues. Not open to students who have taken GEOL 101. This course with GEOL 103 satisfies the College laboratory science requirement. Concurrent enrollment in GEOL 103 is recommended for students taking both. Course may be offered in lecture or online format. LEC.

GEOL 103. Geology Fundamentals Laboratory. 2 Hours. U. A course in geologic laboratory studies. This course plus GEOL 101, GEOL 102, GEOL 105, or GEOL 106 satisfies the College laboratory science requirement. Gives students practical, hands-on experience with identifying earth materials (rocks, minerals, fossils), understanding their relationships to earth processes, understanding topographic and geologic maps, interpreting results of surficial processes, and learning about deep-earth processes such as earthquakes. Includes short field trips to see geologic structures and results of local geologic processes. This lab course may be offered in on-campus lab or online format. Prerequisite: Previous or concurrent enrollment in GEOL 101, GEOL 102, GEOL 105, or GEOL 106. LAB.

GEOL 105. History of the Earth. 3 Hours. NE GE3N / N. An introduction to the physical and biological history of the earth, the methods used to decipher earth history, and the development of the geological sciences. This course with GEOL 103 satisfies the College laboratory science requirement. Concurrent enrollment in GEOL 103 is recommended for students taking both. Not open to students who have taken GEOL 106 or GEOL 304. LEC.

GEOL 106. History of the Earth Honors. 3 Hours. NE GE3N / N. Honors section of GEOL 105. An introduction to the physical and biological history of the earth, the methods used to decipher earth history, and the development of the geological sciences. This course with GEOL 103 satisfies the College laboratory science requirement. Concurrent enrollment in GEOL 103 is recommended for students taking both. Not open to students who have taken GEOL 105 or GEOL 304. LEC.

GEOL 121. Prehistoric Life: DNA to Dinosaurs. 3 Hours. NB GE3N / N. An introduction to the history of life and the origin and evolution of animals and plants during the earth’s long history. The fossil record is interpreted by applying both biological and geological principles. LEC.

GEOL 171. Earthquakes and Natural Disasters. 3 Hours. NE GE3N / N. Addresses the subject of natural disasters with concentration on earthquake effects and their mitigation. Briefly treats volcanic eruptions, tidal waves, floods, global warming, severe weather, and catastrophic
meteorite impacts from the perspective of geological and human significance. Provides a basic background into earth-science processes. LEC.

GEOL 177. First Year Seminar: ______. 3 Hours. NE GE11.
A limited-enrollment, seminar course for first-time freshmen, organized around current issues in geology. May not contribute to major requirements in geology. First year seminar topics are coordinated and approved through the Office of First Year Experiences. Prerequisite: First-time freshman status. LEC.

GEOL 302. Oceanography. 3 Hours. GE3N / N.
Basic description of oceanography; description and discussion of the ocean as a dynamic system. Relationships between and dependence upon the interactions of submarine topography, water chemistry, wave action, and biota in understanding the ocean system. Review of part that humanity plays in perturbing the natural oceanic environment. Discussions of estuarine problems as related to the sea, cultural activities, and rivers. Course may be offered in lecture or online format. Prerequisite: An introductory science course. LEC.

GEOL 304. Historical Geology. 2 Hours. N.
A summary of the measurement of time, the history of life, and the earth's development and the tectonics and rock-forming episodes of North America. Not open to students who have taken GEOL 105, GEOL 106 or GEOL 121. Prerequisite: GEOL 101. LEC.

GEOL 311. Mineralogy and Structure of the Earth. 3 Hours. N.
Basic identification and properties of rocks and minerals in the context of whole-earth structure and evolution. Includes basic chemical equilibria for rock and mineral systems and their bearing on processes involved with formation and evolution of Earth's crust, mantle, and core. Two lectures and one lab per week. Prerequisite: GEOL 101, CHEM 130, and eligibility for MATH 121 or MATH 115. LEC.

GEOL 312. Mineral Structures and Equilibria Laboratory. 1 Hour. U.
A laboratory to accompany GEOL 311. Presents more rigorous analysis of the structures, compositions, and chemical equilibria governing the formation and stability of common rock-forming mineral systems. Prerequisite: GEOL 311 (may be taken concurrently), CHEM 130, and eligibility for MATH 121 or MATH 115. LAB.

GEOL 315. Gemstones. 3 Hours. N.
The properties, occurrence, description, determination, and mineral affinities of gems, ornamental stones, and gem materials. LEC.

GEOL 331. Sedimentology and Surface Processes. 4 Hours. GE3N / N.
Physical, chemical, and biological processes in surface and near-surface environments applied to the recognition of the depositional environment, preservation, and alteration of sedimentary rocks. Field and laboratory study of sedimentary rocks with emphasis on interpretation of original depositional environments and alter processes affecting sedimentary rocks. Prerequisite: GEOL 101. LEC.

GEOL 351. Environmental Geology. 3 Hours. NE GE3N / N.
An introductory course dealing with the implications of geologic processes and materials for civilization. Topics to be considered include: geologic hazards such as floods, landslides, earthquakes, and volcanism; the availability of water, mineral, and energy resources; and the environmental impact of resource utilization. The importance of recognizing geologic constraints in land use planning and engineering projects is emphasized and illustrated by examples. LEC.

GEOL 360. Field Investigation. 2 Hours. N.
Summer session. A field-geology course that provides beginning geology students with an initial understanding of the nature of geological evidence in the field, the breadth of geological phenomena, and the importance of the interplay of information from many geological disciplines in solving problems. Given at various geologically diverse locations. Fee. Prerequisite: GEOL 101. LEC.

GEOL 391. Special Studies in Geology. 1-6 Hours. N.
Special reports upon subjects in which students have a particular interest. Prerequisite: Fifteen hours of geology. IND.

GEOL 399. Senior Honors Research. 2-5 Hours. AE61 / N.
Normally two to five hours in any one semester with a maximum of eight hours. An undergraduate research course, in any of the fields of geology, open by permission of the department to seniors in the College who have an average grade of B or higher in geology courses. Prerequisite: Thirty hours of geology, five of which may be taken concurrently with this course. IND.

GEOL 501. Error Analysis. 1 Hour. N.
This course covers basic error analysis as it applies to geology. The course will emphasize the description and propagation of errors in data collection and reduction. Subjects include: how to report data and associated errors, error propagation in simple and complex equations, the Normal, Gaussian, and Poisson distributions, linear and higher order regression, and X-squared test. Prerequisite: MATH 121. LEC.

GEOL 512. Igneous and Metamorphic Petrology. 3 Hours. N.
The study of minerals, rocks and fluids within the earth's crust and mantle to elucidate their mechanisms of formation and the pressure-temperature-composition conditions within the earth. The course emphasizes equilibrium thermodynamics, phase equilibria, fractionation mechanisms, tectonic control of petrogenesis, and quantitative analysis of mineral parageneses. Prerequisite: GEOL 311 and first semester calculus, or permission of instructor. LEC.

GEOL 513. Petrology Laboratory. 1 Hour. U.
A laboratory course to accompany GEOL 512. Material covered will include the use of the polarizing microscope in study of rocks in thin sections; identification of rock-forming minerals in thin section; study of textures as guides to the crystallization process; calculations of chemical changes during fractional crystallization and partial melting. Students will also make extensive study of igneous and metamorphic rocks in hand specimens, accompanied by thin section study, with emphasis on composition, texture, and structure. Students must co-enroll in GEOL 512. Prerequisite: GEOL 312. Concurrent enrollment in GEOL 512 required. LAB.

GEOL 521. Paleontology. 3 Hours. N.
A study of the structure and evolution of ancient life; the nature and diversity of life through time; the interactions of ancient organisms with their environments and the information that the study of fossils provides about ancient environments; the use of fossils to determine the ages of rocks and the timing of past events in earth history; and the patterns of extinction through time. (Same as BIOL 622.) Prerequisite: BIOL 100 or BIOL 152 or GEOL 105 or GEOL 304. LEC.

GEOL 523. Paleontology Laboratory. 1 Hour. U.
Laboratory course in the study of fossils with emphasis on the practice of paleontology and the morphology of ancient organisms. (Same as BIOL 623.) LEC.

GEOL 528. The Biology and Evolution of Fossil Plants. 3 Hours. N.
A lecture course in which fossil plants, protists and fungi are examined throughout geologic time. Emphasis will be directed at paleoecology, biogeography and the stratigraphic distribution and composition of ancient floras. (Same as BIOL 640.) Prerequisite: BIOL 413, or permission of instructor. LEC.
GEOL 529. Laboratory in Paleobotany. 1 Hour. U.
An examination of selected fossil plants throughout geological time and the techniques used to study them; laboratory will include identification and the use of plant fossils in biostratigraphy. (Same as BIOL 641.) Prerequisite: BIOL 413 or permission of instructor. Must be taken concurrently with GEOL 528. LAB.

GEOL 532. Stratigraphy. 4 Hours. AE61 / N.
A study of the principles of lithostratigraphy, biostratigraphy, and sequence stratigraphy. Methods of analysis of stratigraphic data focus on the interpretation of earth history. The stratigraphic record of North America is presented for evaluation of its geologic history. Three lectures and one laboratory per week. Required field trip. Prerequisite: GEOL 101, GEOL 521, and GEOL 331. LEC.

GEOL 534. Volcanology. 3 Hours. N.
Physical and geochemical volcanology. Considers relationship of tectonics and volcanism: types of magmas; rheology of lavas, pyroclastic density currents, and mass movements in volcanic environments; and interpretation of processes and conditions of formation of volcanic rocks from their field character. Field trips to ancient volcanic complexes. Prerequisite: GEOL 331 and GEOL 512, or permission of instructor. LEC.

GEOL 535. Petroleum and Subsurface Geology. 4 Hours. N.
A general study of the occurrence, properties, origin, and migration of petroleum. Studies of various oil fields and oil-bearing basins. Laboratory studies include well logs, subsurface mapping, and cross-sections. Prerequisite: GEOL 331, GEOL 562, and GEOL 572; or CPE 527, or permission of instructor. LEC.

GEOL 536. Geological Log Analysis. 1 Hour. U.
Application of well logging measurements to interpretation subsurface. LEC.

GEOL 537. Petroleum Reservoir Characterization. 3 Hours. N.
Geological, geophysical, and engineering characterization of a petroleum reservoir. Includes mapping; petrophysical, production, and pressure analysis; and numerical modeling. Considers economic analysis of steps to improve oil recovery. Students who have completed GEOL 837 may not take GEOL 537 for credit. Prerequisite: GEOL 535 and permission of instructor. LEC.

GEOL 541. Geomorphology. 4 Hours. N.
A critical study of landforms in relation to tectonics, climatic environment, and geologic processes. The use of geomorphic methods in the interpretation of Cenozoic history is emphasized. Laboratory exercises in analysis of field observations, maps, and photographs. Required field trip and fee. (Same as GEOG 541.) Prerequisite: GEOL 101 and GEOL 103, GEOG 104 and GEOG 105, or GEOL 304 and GEOL 103. LEC.

GEOL 551. Engineering Geology. 3 Hours. N.
Consideration of geologic factors affecting engineering projects. Topics include: techniques of site exploration, engineering properties of soil and rock, geologic conditions important in the design of major structures, and geologic information useful in land-use planning. Prerequisite: An introductory course in geology or consent of instructor. LEC.

GEOL 552. Introduction to Hydrogeology. 3 Hours. N.
Physical description of hydrogeologic media. Elementary groundwater hydraulics: analytical and graphical solutions for steady-state application. Well hydraulics and pumping tests. Basic groundwater geology. Effects of topography and geology on regional flow systems. Field and numerical delineation and analysis of groundwater flow systems and applications. Chemical characteristics of groundwaters and their relationship to aquifer geology and hydrology. Investigations of groundwater quality and contamination. Prerequisite: Two semesters each of calculus, physics, and chemistry. LEC.

GEOL 560. Introductory Field Geology. 3 Hours. AE61 / N.
Summer session. The study of the principles of field geology and the application of field methods to solve geological problems. Includes use of topographic maps and aerial photographs for geological mapping, the study of stratigraphic methods by measuring sections, and working field trips to areas of regional geological interest. Given at the University of Kansas Geology Field Camp near Canon City, Colorado. Fee. Prerequisite: GEOL 331, GEOL 360, and GEOL 562, or consent of instructor. FLD.

GEOL 561. Field Geology. 3 Hours. N.
Summer session. The application of the principles of field geology to solve complex geological problems in the field. Given at the University of Kansas Geology Field Camp near Canon City, Colorado, or at other sites as appropriate. Fee. Prerequisite: GEOL 560. FLD.

GEOL 562. Structural Geology. 4 Hours. N.
A study of primary and secondary rock-structures and their genesis. Includes techniques of structural analysis and introduces mechanics of rock deformations. Lectures, laboratory, and required field trip. Prerequisite: GEOL 311; PHSX 111, PHSX 114, or PHSX 211 and PHSX 216; and MATH 115 or MATH 121. LEC.

GEOL 571. Natural Disasters. 2-3 Hours. N.
Scientific assessment of natural disasters with concentration on earthquake effects and their mitigation. Briefly treats volcanic eruptions, tidal waves, floods, global warming, severe weather, and catastrophic meteorite impacts in a geological and human framework. A research paper or project is required. Prerequisite: An introductory course in a physical science. LEC.

GEOL 572. Geophysics. 3 Hours. N.
Introductory study of gravitational, magnetic, seismic, electrical, and thermal properties of the earth. Measurements, interpretation, and applications to exploration, earth structure, and global tectonics. Prerequisite: An introductory course in geology; MATH 116 or MATH 122; and PHSX 115 or PHSX 212 and PHSX 236. PHSX 115 or PHSX 212 may be taken concurrently. LEC.

GEOL 573. Geodynamics and Plate Tectonics. 3 Hours. N.
Study of physical processes in the solid Earth and of geophysical approaches to studying Earth systems at regional and global scales. Topics include global potential fields, thermal regime, rheology and Earth deformation, earthquakes and seismic structure, plate motions and global tectonics. (Same as PHSX 528.) Prerequisite: An introductory course in geology; MATH 116 or MATH 122; and PHSX 115 or PHSX 212, or PHSX 236. PHSX 115 or PHSX 212 may be taken concurrently. LEC.

GEOL 575. Seismic Exploration. 3 Hours. N.
Application of seismic reflection and refraction techniques to the description of near-surface geology and the exploration for energy and mineral resources. Theory of seismic information, data collection, data processing using computers, and geologic interpretation. Prerequisite: A course in computer programming, either FORTRAN or C, which may be taken concurrently. An introductory geophysics course, such as GEOL 572. LEC.

GEOL 576. Potential Fields Exploration. 3 Hours. N.
Use of gravity, magnetic, and electrical signals in the exploration for energy and mineral resources. Elementary potential field theory, data collection methods, data analysis, and interpretation using computers. Prerequisite: A course in computer programming, either FORTRAN or C, which may be taken concurrently. An introductory geophysics course, such as GEOL 572. LEC.
GEOL 577. Environmental Geophysics. 3 Hours.
Application of the methods of geophysical exploration to evaluate, mitigate, and prevent environmental problems below the surface of the earth. Development of fundamental principles and discussion of environmental case histories using seismic, gravity, magnetic, electromagnetic, electrical, and radar methods. Prerequisite: An introductory course in geology; MATH 116 or MATH 122; and PHSX 115, or PHSX 212 and PHSX 236. LEC.

GEOL 591. Topics in Geology: ______. 1-5 Hours. N.
May include lectures, discussions, readings, laboratory, and field work in geology. Will be given as needed. May be taken more than once. LEC.

GEOL 711. X-Ray Analysis. 1-2 Hours.
Introduction to the theory and practice of X-ray diffraction and X-ray fluorescence analysis as applied to geological materials. Includes safety training necessary for the operation of X-ray analytical equipment in the department. Prerequisite: GEOL 311 and PHSX 115 or PHSX 212. LEC.

GEOL 712. Microstructures and Petrofabrics. 3 Hours.
This course is geared towards developing a qualitative and quantitative understanding of the fundamentals of rock and mineral deformation necessary to interpret comprehensively microstructural data. Microstructures and petrofabrics contain a wealth of information on kinematics, rheology, and boundary conditions of deforming rocks, important information that often goes unnoticed and unused. This course builds on knowledge acquired in undergraduate structural geology and petrology courses and will give students the tools for a more rigorous and sophisticated evaluation of thin sections and quantitative microstructural and textural data. Required field trip. Prerequisite: GEOL 512 and GEOL 562; or consent of the instructor. LEC.

GEOL 713. Advanced Petrology. 1 Hour.
Advanced topics in igneous and metamorphic petrology with emphasis on chemical and isotopic modeling. Course may be repeated, as topics covered vary. LEC.

GEOL 714. Thermochronology. 3 Hours.
This advanced course is intended to provide students with an in-depth understanding of the fundamentals and an appreciation of the complexities of thermochronology. The primary focus of this course is on modern thermochronological dating methods, a quantitative understanding of noble gas diffusion, data acquisition and interpretation, numerical modeling of complex thermochronological data, and hands-on laboratory experience in the KU thermochronology facilities. Prerequisite: MATH 122 and GEOL 717; or consent of the instructor. LEC.

GEOL 715. Geochemistry. 3 Hours.
Application of chemical equilibria and kinetics to geological environments and processes, with emphasis on processes involving solution equilibria. Includes introduction to thermodynamic aspects of equilibria. Prerequisite: CHEM 188 and MATH 122. LEC.

GEOL 716. Geologic Thermodynamics. 2 Hours.
Classical thermodynamics with an emphasis on phase equilibria, solid-solution chemistry, and modeling of natural systems. Prerequisite: Second semester calculus, or permission of instructor. LEC.

GEOL 717. Geochronology. 2-4 Hours.
Principles and applications of natural radioactive systems for geochronology and cosmochronology, including use of radiogenic isotopes as geochemical tracers. Prerequisite: GEOL 512 or consent of instructor. LEC.

GEOL 718. Stable Isotope Geochemistry. 1-3 Hours.
Principles and applications of equilibria among stable isotopes in the geological environment, with emphasis on the isotopic systems of hydrogen, carbon, and oxygen. Prerequisite: GEOL 715 or consent of instructor. LEC.

GEOL 721. Micropaleontology. 3 Hours.
Systematics, paleontology, evolution, and biostratigraphy of microfossils, particularly foraminifera, ostracodes, and conodonts. Preparation of material for study. Applications of micropaleontology to geologic problems. Prerequisite: GEOL 521 or BIOL 100 or 152. LEC.

GEOL 722. Paleocology. 3 Hours.
Principles of ecology as applied to the interpretation of past environments. Prerequisite: GEOL 521. LEC.

GEOL 723. Paleontology Museum Apprenticeship. 1-6 Hours. N.
Provides directed, practical experience in care and management of paleontology collections, public education, exhibits, and museum administration with emphasis tailored to fit the needs and interests of each student. Students should expect to spend a minimum of five hours per week for each hour in which they are enrolled. (Same as AMS 799, ANTH 799, BIOL 799, HIST 799, and MUSE 799.) FLD.

GEOL 724. Paleoecobiogeography. 3 Hours.
The study of the coevolution of the Earth and its biota. The class will focus on using phylogenetic approaches with fossil taxa to study how tectonic change has influenced the evolution of life and also to determine what evolutionary patterns can tell us about the nature and sequence of geological events. Prerequisite: GEOL 521, or consent of the instructor. LEC.

GEOL 725. Paleontology of Lower Vertebrates. 3 Hours.
General account of the osteology, geologic distribution, and evolution of the principal groups of fishes, amphibians, reptiles, and birds. Lectures and laboratory. (Same as BIOL 790.) Prerequisite: GEOL 105 or GEOL 304, or GEOL 521. LEC.

GEOL 726. Paleontology of Higher Vertebrates. 3 Hours.
Evolution of mammals and anatomical modifications involved in the process as ascertained from the fossil record. Lectures and laboratory. (Same as BIOL 791.) Prerequisite: GEOL 105 or GEOL 304 or GEOL 521. LEC.

GEOL 727. Macroevolution. 3 Hours.
This course will present a broad survey of topics in macroevolution including the differences between micro- and macroevolutionary patterns and processes and the manners of formulating and analyzing macroevolutionary questions. Discussions will focus on the relevance of hierarchy theory and levels of selection; an overview of species concepts, both ontological and epistemological; and an analysis of the neo-Darwinian synthesis as related to innovations in evolutionary theory. In addition, the relevance of contingency and extinction to evolutionary theory will be emphasized. LEC.

GEOL 728. Paleopedology. 3 Hours.
Paleopedology is the study of ancient soils preserved in the geologic record. The course covers concepts of paleopedology and its applications to the interpretation of paleoenvironmental, paleoecologic, and paleohydrogeologic settings and its use in sequence stratigraphy and paleoclimatology. Prerequisite: GEOG 535, GEOL 331, or GEOL 532; or consent of the instructor. LEC.

GEOL 729. Ichnology. 3 Hours.
Ichnology is the study of organism-substrate interactions. The class will cover concepts and applications of ichnology in the marine and continental realms, including the behavior of such organisms as microbes, plants, invertebrates, and vertebrates preserved in the geologic record as trace fossils. Ichnology is applied in geology and in the petroleum industry to interpret ancient environments, hydrogeology, ecology, and climate.
Prerequisite: GEOL 331, GEOL 521, or GEOL 532; or consent of the instructor. LEC.

**GEOL 731. Terrigenous Depositional Systems. 4 Hours.**
Processes that operate in recent sedimentary environments, responses of sediment to those processes, and criteria for determining depositional environments of ancient sedimentary rocks. Lectures, practical exercises, and field trips. Prerequisite: GEOL 331 or GEOL 532. LEC.

**GEOL 732. Carbonate Depositional Systems. 3 Hours.**
Patterns and processes of contemporaneous carbonate deposition and diagenesis, depositional models; applications to interpretation of carbonate rocks. Lecture, discussion, laboratory and field trips. Prerequisite: GEOL 532 (may be taken concurrently). LEC.

**GEOL 741. Advanced Geomorphology. 1-3 Hours.**
Detailed discussions of processes and landforms characteristic of specific environments. Considered during separate semesters will be general methodology, and fluvial, arid regions, glacial, and shoreline geomorphology. Course may be taken more than once. (Same as GEOG 741.) Prerequisite: GEOL 541. LEC.

**GEOL 751. Physical Hydrogeology. 3 Hours.**
Study of fluid flow in subsurface hydrologic systems. Investigation of the ground water environment including porosity, and hydraulic conductivity and their relationship to typical geologic materials. Examination of Darcy’s law and the continuity equation leading to the general flow equations. Discussion of typical hydraulic testing methods to estimate aquifer parameters in various situations and apply these to water resource problems. Study of the basic mechanisms that determine the behavior of typical regional flow systems. (Same as CE 752.) LEC.

**GEOL 753. Chemical and Microbial Hydrogeology. 4 Hours.**
Lecture and discussion of chemical and microbial controls on groundwater chemistry. Topics include thermodynamic and microbiological controls on water-rock reactions; kinetics; and microbiological, chemical and isotopic tools for interpreting water chemistry with respect to chemical weathering and shallow diagenesis. Origins of water chemistry, changes along groundwater flow paths, and an introduction to contaminant biogeochemistry will be discussed through the processes of speciation, solubility, sorption, ion exchange, oxidation-reduction, elemental and isotopic partitioning, microbial metabolic processes and microbial ecology. An overview of the basics of environmental microbiology, including cell structure and function, microbial metabolism and respiration, microbial genetics and kinetics of microbial growth will be covered. (Same as CE 753.) Prerequisite: One year of chemistry, one year of calculus, one year of biology, an introductory course in hydrogeology, or consent of the instructors. LEC.

**GEOL 754. Contaminant Transport. 3 Hours.**
A study of the transport of conservative and non-conservative pollutants in subsurface waters. Case studies are used to illustrate and develop a conceptual understanding of such processes as diffusion, advection, dispersion, retardation, chemical reactions, and biodegradation. Computer models are developed and used to quantify these processes. (Same as CE 754.) Prerequisite: Introductory Hydrogeology or consent of instructor. LEC.

**GEOL 761. Regional Field Geology. 1-5 Hours.**
A detailed field study of a carefully selected area that includes features of several phases of geology. Field trip fee. Prerequisite: GEOL 561 or equivalent and departmental approval. FLD.

**GEOL 763. Tectonics and Regional Geology. 3 Hours.**
Topics vary with demand and include fundamental features of plate tectonics, interpretation and distribution of regional geology of mountain belts with emphasis on tectonic setting and processes, regional geology, and tectonics of selected mountain belts. Prerequisite: GEOL 562, GEOL 512, or GEOL 331, and GEOL 572. LEC.

**GEOL 771. Advanced Geophysics: . 1-3 Hours.**
Topics to vary with demand and include heat flow, wave propagation, synthetic seismograms, groundwater exploration, geothermal exploration, electrical methods in exploration, rock mechanics-tectonophysics, rock magnetism, geomagnetism, paleomagnetism, geophysical inverse theory, and others upon sufficient demand. May be repeated for different topics. (Same as PHSX 727.) Prerequisite: GEOL 572 or GEOL 573/PHSX 528 or consent of instructor. LEC.

**GEOL 772. Geophysical Data Analysis. 3 Hours.**
Fourier analysis, sampling theory, prediction and interpolation of geophysical data, filtering theory, correlation techniques, deconvolution. Examples will be chosen from various fields of geophysics. (Same as PHSX 722.) Prerequisite: MATH 250/Æ 250/ARCE 250/CE 250/CPE 250/EECS 250/EPHX 250/ME 250 and either GEOL 572 or GEOL 573 or PHSX 528. LEC.

**GEOL 773. Seismology. 3 Hours.**
General theory of seismic waves, wave field extrapolation (migration) by finite difference methods, construction of travel-time curves, reflection and attenuation of coefficients, earthquake source mechanisms, distribution and forecasting of earthquakes. (Same as PHSX 723.) Prerequisite: MATH 250/Æ 250/ARCE 250/CE 250/CPE 250/EECS 250/EPHX 250/ME 250 and either GEOL 572 or GEOL 573 or PHSX 528. LEC.

**GEOL 774. Finite Difference Methods for Geophysics. 2-3 Hours.**
Application of finite difference methods to solve the partial differential equations that commonly occur in the study of geophysics. Representative examples will be drawn from groundwater flow, gravity and magnetics modeling, and seismic wave propagation. Emphasis will be on obtaining actual solutions for practical problems. Prerequisite: MATH 250, or MATH 320, or consent of the instructor. LEC.

**GEOL 775. Near-Surface Seismology. 3 Hours.**
Theoretical and applied study of all aspects of near-surface reflection, refraction, and surface-wave seismology from design and acquisition to interpretation. Prerequisite: MATH 250, GEOL 572, or consent of the instructor. LEC.

**GEOL 780. Conservation Principles and Practices. 3 Hours.**
This course will acquaint the future museum professional with problems in conserving all types of collections. Philosophical and ethical approaches will be discussed, as well as the changing practices regarding conservation techniques. Emphasis will be placed on detection and identification of causes of deterioration in objects made of organic and inorganic materials, and how these problems can be remedied. Storage and care of objects will also be considered. (Same as AMS 714, BIOL 700, HIST 722 and MUSE 706.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

**GEOL 781. Introduction to Museum Exhibits. 3 Hours.**
This course will consider the role of exhibits as an integrated part of museum collection management, research, and public service. Lecture and discussion will focus on issues involved in planning and producing museum exhibits. Laboratory exercises will provide first hand experience with basic preparation techniques. Emphasis will be placed on the management of an exhibit program in both large and small museums in the major disciplines. (Same as AMS 700, BIOL 787, HIST 723, and MUSE 703.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

**GEOL 782. The Nature of Museums. 3 Hours.**
The purpose of this course is to provide an overview of the kinds of museums, their various missions, and their characteristics and potentials
as research, education, and public service institutions responsible for collections of natural and cultural objects. (Same as AMS 720, BIOL 788, HIST 720, and MUSE 702.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

GEOL 783. Museum Management. 3 Hours.
Lecture, discussion, and laboratory exercises on the nature of museums as organizations; accounting, budget cycles, personnel management, and related topics will be presented using, as appropriate, case studies and a simulated museum organization model. (Same as AMS 731, BIOL 785, HIST 728, and MUSE 701.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

GEOL 784. Introduction to Museum Public Education. 3 Hours.
Consideration of the goals of an institution’s public education services, developing programs, identifying potential audiences, developing audiences, and funding. Workshops and demonstrations are designed for students to gain practical experience working with various programs and developing model programs. (Same as AMS 797, BIOL 784, HIST 721, and MUSE 705.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

GEOL 785. Principles and Practices of Museum Collection Management. 3 Hours.
Lecture, discussion, and laboratory exercises on the nature of museum collections, their associated data, and their use in scholarly research; cataloging, storage, fumigation, automated information management and related topics will be presented for museums of art, history, natural history and anthropology. (Same as AMS 730, BIOL 798, HIST 725, and MUSE 704.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

GEOL 791. Advanced Topics in Geology: _____. 1-5 Hours.
Selected offerings in geology. Intended primarily for graduate students and qualified seniors. May include lectures, discussions, reading, laboratory and field work. May be taken more than once. LEC.

GEOL 837. Geoscience and Petroleum Engineering. 3 Hours.
Advanced geological, geophysical, and engineering characterization of a petroleum reservoir. Includes mapping; petrophysical, production, and pressure analysis; and numerical modeling. Considers economic analysis of steps to improve recovery. Students who have completed GEOL 537 may not take GEOL 837 for credit. LEC.

GEOL 851. Field and Laboratory Methods: Physical Hydrogeology. 1 Hour.
Introduction to field and laboratory methods commonly used in physical hydrogeology. Practical experience with common water level measurement techniques, various well pumping techniques, well installation and geologic core sampling, and hydraulic testing. Prerequisite: Introductory course in hydrogeology and familiarity with computer use for data processing, or consent of instructor. LEC.

GEOL 852. Field and Laboratory Methods: Contaminant Transport. 1 Hour.
Introduction to laboratory methods for evaluating reactive transport parameters, followed by development and implementation of computer models. Students will gain experience building models starting from basic transport equations using a spreadsheet platform and, where appropriate, commercial software packages. Prerequisite: GEOL 751 (may be taken concurrently) or equivalent, or consent of the instructor. LAB.

GEOL 853. Field and Laboratory Methods: Chemical Hydrogeology. 1 Hour.
Practical experience in measuring unstable chemical parameters in groundwater, including pH, Eh, dissolved oxygen, temperature, alkalinity, specific conductance, and turbidity. Practical experience in collecting water samples for chemical analysis, choosing appropriate sample containers and preservation methods, and special techniques for collecting samples for determination of parameters sensitive to environmental changes such as oxygen level or temperature. Prerequisite: GEOL 753 (may be taken concurrently) or equivalent, or consent of the instructor. FLD.

GEOL 854. Field and Laboratory Methods: Geobiology. 1 Hour.
Practical experience in cultivating, enumerating and visualizing groundwater microorganisms. Geochemical and molecular techniques for studying microbial community diversity, biomineralization and mineral dissolution, and biodegradation of organic contaminants will be covered. Practical experience in collecting water samples for preservation of microorganisms sensitive to environmental changes such as oxygen level or temperature. Prerequisite: GEOL 753 (may be taken concurrently) or equivalent, or consent of the instructor. FLD.

GEOL 891. Special Studies in Geology. 1-5 Hours.
May be repeated. RSH.

GEOL 899. Master’s Thesis. 1-12 Hours.
May be taken more than once. THE.

GEOL 921. Advanced Invertebrate Paleontology: _____. 1-3 Hours.
Detailed study of systematics, morphology, stratigraphic distribution and paleoecology of major groups of organisms in the fossil record. Specific group or groups covered will vary according to student and faculty needs and interests. May be repeated. Prerequisite: An introductory course in invertebrate paleontology. LEC.

GEOL 932. Carbonate Petrology. 3 Hours.
Study of the physical and chemical factors important in the genesis and diagenesis of carbonate rocks. Includes the application of principles learned from research on modern marine environments to the interpretation of ancient carbonates. Various analytical techniques are covered with emphasis on thin section petrography. Prerequisite: GEOL 331 and GEOL 732. LEC.

GEOL 933. Sandstone Petrology. 3 Hours.
Description, classification, and interpretation of sedimentary rocks, emphasizing petrographic methods applied to terrigenous rocks and interpretation of provenance of sedimentary sequences. Prerequisite: GEOL 511 and GEOL 531 or GEOL 532. LEC.

GEOL 991. Seminar in: _____. 1-5 Hours.
A review of the principles of the geological sciences. Fields considered are: geomorphology, igneous petrology, metamorphic petrology, invertebrate paleontology, groundwater, geochemistry, stratigraphy, sedimentation, micropaleontology, mineralogy, structural geology, and geophysics. Several may be taken concurrently. May be taken more than one semester. LEC.

GEOL 999. Doctoral Dissertation. 1-12 Hours.
THE.

Germanic LanguagesLiteratures Courses
DANE 100. Danish Reading Course. 3 Hours. U.
Special course designed to enable graduate students to develop a reading knowledge of Danish as a research skill. Enrollment for undergraduate credit is required. Does not satisfy any part of the undergraduate language requirement. Not open to native speakers of Danish. LEC.

DANE 101. Danish Reading Course II. 3 Hours. U.
Continuation of DANE 100 and introduction to reading Norwegian and Swedish. Not open to native speakers of Danish. Prerequisite: DANE 100 or equivalent. LEC.
DANE 104. Elementary Danish I. 5 Hours. U.
Essentials of grammar, practice in speaking, reading, and writing Danish. Five hours of recitation per week. Not open to native speakers of Danish. LEC.

DANE 105. Elementary Danish I, Honors. 5 Hours. H.
Course content similar to DANE 104, with additional work to expand the student's cultural context and understanding. Not open to native speakers of Danish or students who have completed DANE 104. Prerequisite: Open only to students admitted to the University Honors Program or by permission of instructor. LEC.

DANE 108. Elementary Danish II. 5 Hours. U.
Continuation of grammar; practice in conversation, composition, and reading. Five hours of recitation per week. Not open to native speakers of Danish. Prerequisite: DANE 104 or permission of instructor. LEC.

DANE 109. Elementary Danish II, Honors. 5 Hours. H.
Course content similar to DANE 108, with additional cultural study. Not open to native speakers of Danish or students who have completed DANE 108. Prerequisite: Open to students who received a grade of A in DANE 104 or an A or B in DANE 105. LEC.

DANE 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Danish. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

DANE 212. Intermediate Danish I. 3 Hours. U.
A continuation of DANE 108. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Danish. Prerequisite: DANE 108 or permission of instructor. LEC.

DANE 213. Intermediate Danish I, Honors. 3 Hours. H.
Course content similar to DANE 212, with additional cultural study. Not open to native speakers of Danish or students who have completed DANE 212. Prerequisite: Completion of DANE 108 with a grade of A, or DANE 109 with a grade of A or B. LEC.

DANE 216. Intermediate Danish II. 3 Hours. U.
A continuation of DANE 212. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Danish. Prerequisite: DANE 212 or permission of instructor. LEC.

DANE 217. Intermediate Danish II, Honors. 3 Hours. H.
Course content similar to DANE 216, with additional cultural study. Not open to native speakers of Danish or students who have completed DANE 216. Prerequisite: Completion of DANE 212 with a grade of A, or DANE 213 with a grade of A or B. LEC.

DANE 220. Intensive Danish. 16 Hours. U.
This course is designed to teach speaking, reading, writing, and comprehension skills of first and second year Danish in one semester. Classes are held for four hours a day Monday through Friday (8:30 a.m. - 12:20 p.m.). There are intensive drills in grammar, integrated language lab work, and homework assignments. Not open to native speakers of Danish. Prerequisite: Admission to Danish Institute at the University of Kansas. LEC.

DTCH 100. Dutch Reading Course. 3 Hours. U.
Special course designed to enable graduate students to develop a reading knowledge of Dutch as a research skill. Enrollment for undergraduate credit is required. Does not satisfy any part of the undergraduate language requirement. Not open to native speakers of Dutch. LEC.

DTCH 101. Dutch Reading Course II. 3 Hours.
Continuation of DTCH 100. Not open to native speakers of Dutch. Prerequisite: DTCH 100 or equivalent. LEC.

DTCH 104. Elementary Dutch I. 5 Hours. U.
Essentials of grammar; practice in speaking, reading, and writing Dutch. Five hours of recitation per week. Not open to native speakers of Dutch. LEC.

DTCH 105. Elementary Dutch I, Honors. 5 Hours. U.
Similar to DTCH 104 with additional work to expand the student's cultural context and understanding. Not open to native speakers of Dutch or students who have completed DTCH 104. Prerequisite: Open only to students admitted to the University Honors Program, or by permission of instructor. LEC.

DTCH 108. Elementary Dutch II. 5 Hours. U.
Continuation of grammar, practice in conversation, composition, and reading. Five hours of recitation per week. Not open to native speakers of Dutch. Prerequisite: DTCH 104 or equivalent. LEC.

DTCH 109. Elementary Dutch II, Honors. 5 Hours. U.
Course content similar to DTCH 108, with additional cultural study. Meets 5 days a week. Not open to native speakers of Dutch. Prerequisite: Open only to students admitted to the University Honors Program or by permission of instructor. LEC.

DTCH 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Dutch. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

DTCH 212. Intermediate Dutch I. 3 Hours. U.
A continuation of DTCH 108. Structured grammar review, composition, conversation, with readings of literary and cultural texts. Three class meetings per week. Not open to native speakers of Dutch. Prerequisite: DTCH 108 or equivalent. LEC.

DTCH 213. Intermediate Dutch I, Honors. 3 Hours. U.
Course content similar to DTCH 212, with additional cultural study. Three class meetings per week. Not open to native speakers of Dutch. Prerequisite: Open only to students admitted to the University Honors Program, or by permission of instructor. LEC.

DTCH 216. Intermediate Dutch II. 3 Hours. U.
A continuation of DTCH 212. Structured grammar review, composition, conversation, with readings of literary and cultural texts. Three class meetings per week. Not open to native speakers of Dutch. Prerequisite: DTCH 212 or equivalent. LEC.

DTCH 217. Intermediate Dutch II, Honors. 3 Hours. U.
Course content similar to DTCH 216, with additional cultural study. Three class meetings per week. Not open to native speakers of Dutch. Prerequisite: Open only to students admitted to the University Honors Program, or by permission of instructor. LEC.

DTCH 453. Investigation and Conference: _____. 1-3 Hours. H/W.
Independent study and directed reading on special topics. Permission of the instructor who will supervise the student's work is required. Not open to native speakers of Dutch. IND.

GERM 100. German Reading Course I. 3 Hours. U.
A special reading course for candidates for advanced degrees in other departments, designed to aid them in obtaining a reading knowledge of
German, for purposes of research. Enrollment for undergraduate credit is required. An intensive study of the fundamentals of grammar, proceeding to the reading of material of medium difficulty. Three recitations weekly. Intended primarily for graduate students, but open also to seniors planning graduate study. The course does not satisfy any part of the undergraduate language requirement. Presupposes no previous study in German. Not open to native speakers of German. LEC.

GERM 101. German Reading Course II. 3 Hours. U.
A continuation of GERM 100. Review of grammar, with emphasis on reading and translation of material of an advanced nature in the candidate’s general field. Three recitations weekly. Not open to native speakers of German. LEC.

GERM 104. Elementary German I. 5 Hours. AE42 / U.
Introductory German; no previous German required. Development of students’ balanced knowledge of the German language and culture, including the ability to understand and produce short spoken, written, and multimedia texts on everyday topics and to interpret, compare, and contrast German and American cultural phenomena. Emphasis on interaction. Not open to native speakers of German. Students who complete this course successfully should take GERM 108. LEC.

GERM 108. Elementary German II. 5 Hours. AE42 / U.
Continuation of GERM 104. Further development of students’ balanced knowledge of the German language and culture, including the ability to understand and produce short spoken, written, and multimedia texts on everyday topics and to interpret, compare, and contrast German and American cultural phenomena. Emphasis on interaction. Not open to native speakers of German. Students who complete this course successfully should take GERM 201. Prerequisite: GERM 104 or placement by examination. LEC.

GERM 111. Introduction to German I. 3 Hours. U.
Introduction to German for special purposes; no previous German required. Provides basic familiarity with the German language, focusing on speaking and reading skills and the essentials of German grammar. Introduction to the culture of the German-speaking world. Three class hours per week; may be delivered by video conference or face-to-face. Does not satisfy any KU language requirement. LEC.

GERM 112. Introduction to German II. 3 Hours. U.
Continuation of GERM 111. Further development of basic familiarity with the German language, focusing on speaking and reading skills and the essentials of German grammar. Continued exploration of the culture of the German-speaking world. Three class hours per week; may be delivered by video conference or face-to-face. Does not satisfy any KU language requirement. Prerequisite: GERM 111 or permission of instructor. LEC.

GERM 113. Introduction to German III. 1.5 Hour. U.
Continuation of GERM 112. Further development of basic familiarity with the German language, focusing on speaking and reading skills and the essentials of German grammar. Continued exploration of the culture of the German-speaking world. Three class hours per week; may be delivered by video conference or face-to-face. Does not satisfy any KU language requirement. Prerequisite: GERM 112 or permission of instructor. LEC.

GERM 124. German Cinema in Context. 3 Hours. HL AE42 / H.
Taught in English. Screening and analysis of German films from the early 20th century to the present. Readings, lectures, and discussions on the films’ sources, ideologies, techniques, and artistic achievements. Does not count toward German major or minor. LEC.

GERM 125. German Cinema in Context (Honors). 3 Hours. HL AE42.
Course content similar to GERM 124. Taught in English. Screening and analysis of German films from the early 20th century to the present. Readings, lectures, and discussions on the films’ sources, ideologies, techniques, and artistic achievements. Does not count toward German major or minor. LEC.

GERM 128. Introduction to the Arts in German-Speaking Europe. 3 Hours. H.
Taught in English. Exploration of the arts in German-speaking Europe: major cultural periods, movements, art forms, and people (artists, architects, composers, writers, filmmakers) from the Middle Ages to the present. Consideration of the arts within the larger European historical and cultural context from which they emerged. Does not count toward the German major or minor. This course is offered at the 100 and 300 levels with additional assignments at the 300-level. Not open to students who have completed GERM 328. LEC.
GERM 203. Introduction to Business German: Deutsch im Berufsalltag. 3 Hours. AE42 / H.
Continuation of GERM 201; completes language proficiency sequence. Further development of students' balanced knowledge of the German language and culture, including the ability to understand and produce short spoken, written, and multimedia texts on the topics related to professional communication and to interpret, compare, and contrast German and American business cultural phenomena. Emphasis on interaction. Recommended for students planning to take GERM 352 and GERM 462. Not open to native speakers of German. Prerequisite: GERM 201 or placement by examination. LEC.

GERM 220. Special Studies in Germanic Languages. 1-5 Hours. U.
Credits awarded for elementary instruction in a Germanic language while studying abroad. Transfer credits must be arranged through the KU Office of Study Abroad, with permission from the departmental undergraduate advisor. May be repeated for credit if content varies. LEC.

GERM 222. Special Studies in German: ______. 1-3 Hours. H/W.
Credits awarded for the study of special topics in German while studying abroad. Transfer credits must be arranged through the KU Office of Study Abroad, with permission from the departmental undergraduate advisor. May be repeated for credit if content varies. LEC.

GERM 301. High Intermediate German I. 3 Hours. AE42 / H/W.
Continuation of GERM 202. Further development of students' use of German through reading and discussion of literary and non-literary texts (spoken, written, multimedia, combined with intensive grammar review. Introduction to expressive functions of German with emphasis on spoken and written communication. Not open to native speakers of German. Students who complete this course successfully should take GERM 302. Prerequisite: GERM 202 or placement by examination. LEC.

GERM 302. High Intermediate German II. 3 Hours. AE42 / H/W.
Continuation of GERM 301. Refinement and expansion of students' use of German. Reading and discussion in German of literary and non-literary texts (spoken, written, multimedia), combined with continued intensive grammar review. Emphasis on better understanding German grammatical structures and acquisition of vocabulary. Not open to native speakers of German. Students who complete this course successfully should take GERM 401. Prerequisite: GERM 301 or placement by examination. LEC.

GERM 315. German Literature and the Modern Era. 3 Hours. H.
Introduction in English to German writers 1750-present. Discussion of themes such as technology, modern and postmodern developments, gender, war, politics, and culture in German-speaking Europe. Readings include works in translation by influential German writers. Open to first-year students and non-majors; qualifies for major or minor credit when taken with GERM 316, a one-hour discussion section. GERM 315 and GERM 316 are required for admission to all courses beyond GERM 402 (except GERM 444 and GERM 462). LEC.

GERM 316. Discussion Section for German Literature and the Modern Era. 1 Hour. H.
Discussion section to be taken with GERM 315: German Literature and the Modern Era. Introduction to critical German vocabulary for discussing German-language literature in its historical and cultural context. Prerequisite: GERM 202 or placement by examination. GERM 315 qualifies for major or minor credit when taken with GERM 316. LEC.

GERM 320. Border Crossings in German Culture. 3 Hours. HT AE42.
Taught in English. Exploration of writers, filmmakers, and artists who have emigrated from, or migrated to German-speaking Europe. Emphasis on both their transnational impact and their representations of border crossings. Topics may include exile communities before, during, and after World War II and multiculturalism in contemporary Germany, Austria, and Switzerland. Does not count toward German major or minor. LEC.

GERM 324. Magic, Monsters and the Occult in German Literature. 3 Hours. HL AE42.
Taught in English. Reading and discussion of fictional and non-fictional works by German writers that address topics such as magic, monsters, the occult sciences, the Faust legend and pact with the devil, and the vampire. Consideration of the works' influence on other nations' literatures. Does not count toward the German major or minor. LEC.

GERM 325. Magic, Monsters, and the Occult in German Literature, Honors. 3 Hours. HL / H.
Taught in English. For centuries German scientists, philosophers and poets have produced groundbreaking literature that has featured magic, monsters and the occult sciences. German poets introduced popular themes, such as the Faust legend and the pact with the devil, and they introduced one of the most popular monsters into literature - the vampire. In this course we read and discuss fictional and nonfictional works by German authors that address these themes, and we discuss the influence that these works have had on other nations' literatures. Does not fulfill any requirement in the German major or minor. Prerequisite: Membership in the University Honors Program or permission of instructor. LEC.

GERM 328. The Arts in German-Speaking Europe. 3 Hours. HL AE42.
Taught in English. Exploration of the arts in German-speaking Europe: major cultural periods; movements, art forms, and people (artists, architects, composers, writers, filmmakers) from the Middle Ages to the present. Consideration of the arts within the larger European historical and cultural context from which they emerged. Does not count toward the German major or minor. This course is offered at the 100 and 300 levels with additional assignments at the 300-level. Not open to students who have completed GERM 128. LEC.

GERM 330. Topics in: ______. 3 Hours. H.
Taught in English. Interdisciplinary study of selected aspects of the society or culture of German-speaking Europe or of the European experience. Does not count toward the German major or minor. LEC.

GERM 332. Berlin in German Culture. 3 Hours. HL AE42.
Taught in English. Introduction to Berlin within the context of major German and European historical, social, intellectual, and artistic developments since 1800. Exploration of complex epochs such as the Bismarck, Nazi, Cold War, and post-unification eras through journalism, literature, sociological writings, and film. Does not count toward German major or minor. This course is offered at the 100 and 300 levels with additional assignments at the 300-level. Not open to students who have completed GERM 132. LEC.

GERM 333. German Conversation and Idioms. 3 Hours. H.
Intensive practice in conversational German with instruction in proper pronunciation as well as an introduction to idiomatic usage. Only for students in the KU Summer Language Institute in Holzkirchen, Germany. Prerequisite: GERM 202 or equivalent fourth semester German course. LEC.

GERM 335. Love and the German Middle Ages. 3 Hours. H.
Taught in English. Introduction to German conceptions of love, marriage, and adultery in medieval and early modern German-speaking Europe. Exploration of the German contribution to discourse of love through theoretical, literary, and legal texts, as well as through visual and material culture. Examination of German discourse within the broader European context, and of similarities, differences, and continuities between medieval and modern constructs. Does not count toward German major or minor. LEC.
GERM 352. Business German: Deutsch Fur Den Beruf. 3 Hours. H/W. Extensive practice in business communication: terminology, texts and correspondence, oral practice in business situations. Not open to native speakers of German. Prerequisite: GERM 202 or placement by examination. LEC.

GERM 375. Topics in Film of German-Speaking Europe: ______. 3 Hours. H. Examination of topics such as Expressionism, Turkish-German culture in contemporary German film, popular filmmaking, post-unification film, German literature as film, German film and national identity. Topics and periods vary. Prerequisite: GERM 302. LEC.

GERM 400. Introduction to German Literary Masterpieces. 3 Hours. H/W. For students enrolled in the KU Summer Language Institute in Germany. Selected works of major German Language writers of the 19th and 20th centuries. Not open to native speakers of German. Prerequisite: GERM 302. LEC.

GERM 401. Advanced German I. 3 Hours. H. Continuation of GERM 302. Expansion and refinement of proficiency in German (speaking, listening, reading, writing), increased understanding of German grammatical structures, development of a more sophisticated vocabulary, and introduction to stylistics through discussion and analysis of literary and nonliterary texts. Students successfully completing GERM 401 may take all other GERM courses at the 400 and 500 levels. Prerequisite: GERM 302. LEC.

GERM 402. Advanced German II. 3 Hours. H. Continuation of GERM 401. Development of advanced proficiency in German through analysis and discussion of literary and nonliterary texts and practice in advanced composition. Emphasis in both discussions and papers on style and rhetoric and on developing skill in textual analysis. Focus on advanced German grammar and on style and idiomatic expression in spoken and written German. Prerequisite: GERM 401. LEC.

GERM 411. German Culture 1150-1750. 3 Hours. AE61 / H. Exploration of major cultural periods and movements within the framework of historical and political change, with investigation of themes such as nation and national identity, founding myths, geography, and language. Study of forms of culture in German-speaking Europe, including visual art, music, literature, architecture, and the press. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 412. German Culture 1750-Present. 3 Hours. AE61 / H. Exploration of major cultural periods and movements 1750-present within the framework of historical and political change, with investigation of themes such as nation and national identity, founding myths, geography, and language. Study of forms of culture in German-speaking Europe, including visual art, music, literature, architecture, and the press. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 444. German Conversation. 3 Hours. H/W. Further development of practical conversational skills for students with intermediate proficiency in German. Discussion of topics from everyday German life and current affairs, based on German newspapers and magazines. May be repeated but counts only once toward the major or minor. Not open to native speakers of German. Prerequisite: GERM 302. LEC.

GERM 453. Investigation and Conference: ______. 1-3 Hours. H/W. Independent study and directed reading on special topics. Permission of the instructor who will supervise the student’s work is required. Not open to native speakers of German. IND.

GERM 452. Business German: Deutsch Fur Den Beruf. 3 Hours. H/W. Extensive practice in business communication: terminology, texts and correspondence, oral practice in business situations. Not open to native speakers of German. Prerequisite: GERM 202 or placement by examination. LEC.

GERM 475. Topics in German Studies: ______. 3 Hours. H. Exploration of cultural forms such as literature, film, philosophy, social institutions, linguistics, the arts, and the press. Examination of how cultural meaning is produced and interpreted. Topics vary, and course may address topics across a narrow or broad time frame. May be repeated if content varies. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 480. Literature and Culture of German-Speaking Europe 1150-1750. 3 Hours. AE61 / H. Exploration of historical and early modern literature within the framework of major cultural movements and historical, political, and economic change. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 481. Literature and Culture of German-Speaking Europe 1750-1830. 3 Hours. AE61 / H. Exploration of literature within the framework of major cultural movements and historical, political, and economic change. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 482. Literature and Culture of German-Speaking Europe 1830-1918. 3 Hours. AE61 / H. Exploration of literature within the framework of major cultural movements and historical, political, and economic change. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 483. Literature and Culture of German-Speaking Europe 1918-Present. 3 Hours. AE61 / H. Exploration of literature within the framework of major cultural movements and historical, political, and economic change. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 501. Advanced German III. 3 Hours. H. Focus on usage-based grammar of contemporary German. Extensive reading and analysis of grammatical structures in context and integration of form, meaning, and use. Exploration of grammatical structures using contemporary electronic textual analysis tools. Prerequisite: GERM 402. LEC.

GERM 550. German Language Seminar: History of the German Language. 3 Hours. H. Introduction to basic concepts of German philology and historical linguistics and exploration of the development of a national German language. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 560. German Language Seminar: Structure of the German Language. 3 Hours. H. This course provides an overview of the structure of modern standard German. Students will explore different levels of the linguistic system of German (including phonology, morphology, and syntax) and complete practical exercises. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 575. Topics in Genre: ______. 3 Hours. H. Study of the definition, style, form, and content of a specific literary genre in German-language literature and the social, cultural, political, and economic factors that led to its emergence. Consideration of the genre’s suitability for particular writers or periods. Topic and period vary. May be repeated if content varies. Prerequisite: GERM 316 and GERM 401. LEC.
GERM 579. Investigation and Conference: _______. 1-3 Hours. AE61 / H/W.
Independent study and directed reading on special topics. Permission of the instructor who will supervise the student’s work required. Prerequisite: GERM 316 and GERM 401. LEC.

GERM 580. Senior Capstone Course: German-Speaking Europe Today. 3 Hours. AE61 / H.
Focus on synthesizing students’ knowledge of the history, culture, and politics of German-speaking Europe 1945-present. Consideration of scholarly articles, journalism, essays, literary texts, film, and the arts on topics including cultural identity in post-unified Germany; European integration; current debates and controversies; political parties and leading political figures; role of literature, film, music, visual arts, media, and popular culture; role of universities. Required of all German majors in senior year. Prerequisite: GERM 316, GERM 401, and senior standing. LEC.

GERM 598. Research for Departmental Honors. 3 Hours. H.
Research for a departmental honors project, on a topic chosen in conjunction with the faculty advisor. Emphasis on independent study and writing. Open to students with previous coursework in German at the 400 level, an overall GPA of 3.0, and at least a B+ average in advanced work in German. Prerequisite: GERM 316, GERM 401, senior standing, and permission of Undergraduate Advisor. LEC.

GERM 599. Departmental Honors Project. 3 Hours. H.
Continuation of GERM 598. Course consists of completion of Department Honors project. Quality of project determines whether student receives credit only or Honors in German. Prerequisite: GERM 598. LEC.

GERM 614. Course in Representative Authors: _______. 3 Hours. AE61 / H.
Readings and discussions in German of selected literary works by a major author (e.g., Goethe, Heine, Fontane, Brecht, Kafka, Grass, etc.). May be repeated. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416 and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC.

GERM 616. Topics in German Literature: _______. 3 Hours. AE61 / H/W.
Readings and discussions in German of selected literary works on a particular topic or theme (e.g., nature, women, art and literature, etc.). May be repeated. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416, and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC.

GERM 618. Topics in German Language and Linguistics: _______. 3 Hours. AE61 / H/W.
Readings and discussions in German in an area of specialized language or linguistic study (e.g., lexical fields, modern German dialects, etc.). May be repeated. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416, and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC.

GERM 620. Topics in German Culture and Folklore: _______. 3 Hours. AE61 / H/W.
Readings and discussions in German on some aspect of German culture or folklore, including Landeskunde (study of contemporary Germany). May be repeated. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416, and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC.

GERM 626. Idiomatic Usage in Modern Colloquial and Literary German. 3 Hours. AE61 / H/W.
Practical exercises in the systematic study of idioms and synonyms, designed to foster a more discriminating and effective usage of German. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416 and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC.

GERM 628. Translation into German (Advanced). 3 Hours. AE61 / H/W.
Exercises in the translation of expository and stylistically sophisticated texts from various fields. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416 and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC.

GERM 630. Advanced German Grammar. 3 Hours. AE61 / H/W.
Recommended for students intending to teach German. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416 and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC.

GERM 632. Deutscher Stil (Advanced German Composition). 3 Hours. AE61 / H/W.
Training in writing reports and seminar papers in German. Recommended for students intending to do graduate work in German. Prerequisite: Two literature courses from GERM 400, GERM 408, and GERM 416 and two composition courses from GERM 340, GERM 344, and GERM 348, or equivalent. LEC.

GERM 681. Language Teaching for Oral Proficiency. 1 Hour. AE61 / U.
A summer course designed principally for secondary school language teachers. Provides an orientation to proficiency-based models in foreign language instruction, national standards in the rating of foreign language proficiency, and curriculum development sessions which address issues of articulation in foreign language curricula. (Not applicable toward a major or graduate degree in German.) (Same as FREN 681 and SPAN 681.) LEC.

GERM 700. Introduction to Graduate Studies in German. 3 Hours.
An introduction to the skills required of students enrolled in graduate degree programs in German Studies: areas covered include 1) introduction to literary theory and criticism, 2) bibliography and research methods, including database management software, 3) preparation and presentations of a research/conference paper, 4) technology training, including web design, on-line portfolio, and digital humanities, and 5) professional ethics and awareness of the academic market and alternative careers. We will also be working on practical, professionally useful goals, such as how to (better) make use of technology, how to create a CV and modify it for different positions, how to write an abstract, and how to produce a conference paper. Course requirements will include a variety of smaller assignments and two larger projects, a web-based professional portfolio and an 8 to10-page conference paper. LEC.

GERM 701. Introduction to the Study of Literature. 3 Hours.
Introduction to methods of literary research and presentation of seminar papers. Exercises in the use of basic guides to the study of German language and literature, in the documentation of scholarly research, and in the writing of interpretive essays, based on reading and discussion of selected works from different periods of the departmental "Basic Reading List. LEC.

GERM 702. Tutorial-Introduction to Graduate Studies in German. 1 Hour.
This course will be taken in conjunction with German 700 Introduction to Graduate Studies in German. Students enroll in this course with a faculty mentor in the German department based on the area in which they will write their research paper for German 700. It is the purpose of this tutorial to provide in-depth guidance specific to the field of German to students throughout the semester as they write their research papers, to help them...
Develop their analytical and responsible research skills, which will serve as a model for longer term papers and theses. RSH.

GERM 703. Methods of Literary Criticism. 3 Hours.
Differentiation of critical methods. Exercises in textual criticism. LEC.

GERM 704. German Stylistics. 3 Hours.
Stylistic analysis of literary texts; writing in German. LEC.

GERM 705. German Phonetics. 3 Hours.
A systematic study of German phonetics. Prerequisite: Graduate standing or consent of instructor. LEC.

GERM 710. Workshop for M.A. Students. 1 Hour.
Discussion of policies in the M.A. program, examinations, thesis proposals, writing of theses, grant proposals, conference presentations, publications of scholarship, and entrance into the academic job market. Required of all M.A. students in the first year in the program. Does not count toward completion of 30 hours of course work for the M.A. RSH.

GERM 711. History of the German Language. 3 Hours.
A comprehensive introduction to the basic concepts of German philology and various aspects of historical linguistics, including the nature of language and linguistic change, discoveries of the pioneer philologists of the 19th century regarding the prehistory of German, and the beginnings of a national German language. LEC.

GERM 712. The Structure of Modern Standard German. 3 Hours.
A descriptive study of the phonetics/phonology and grammar of contemporary standard German. Special emphasis on problems of teaching German to English-speaking students. LEC.

GERM 716. Topics in German Literature. ______ 3 Hours.
Intensive study of a selected topic in German literature. May be repeated. Offered only in conjunction with GERM 616 when taught by a Max Kade Distinguished Visiting Professor. Graduate students will be assigned additional work. LEC.

GERM 718. Topics in German Language and Linguistics: ______ 3 Hours.
Intensive study of a selected topic in German language and linguistics. May be repeated for credit. LEC.

GERM 721. Introduction to Middle High German Literature. 3 Hours.
The elements of Middle High German as required for reading medieval texts in the original. Intensive reading and literary study of at least one text in full. LEC.

GERM 732. Early Modern Period. 3 Hours.
Reading and discussion of major literary works of the period; combined with lectures and background readings on literary, cultural, and political history. LEC.

GERM 734. Age of Goethe. 3 Hours.
Reading and discussion of major literary works of the period; combined with lectures and background readings on literary, cultural, and political history. LEC.

GERM 736. Post-Romantic Nineteenth Century. 3 Hours.
Reading and discussion of major literary works in the period; combined with lectures and background readings on literary, cultural, and political history. LEC.

GERM 738. Twentieth Century. 3 Hours.
Reading and discussion of major literary works in the period; combined with lectures and background readings on literary, cultural, and political history. LEC.

GERM 751. Special Topics in Culture: ______ 3 Hours.
Intensive study of a selected topic in German culture. May be repeated. LEC.

GERM 753. Investigation and Conference: ______ 1-3 Hours.
To be taken only in exceptional cases. Permission of the instructor who will supervise the student's work is required. RSH.

GERM 754. Studies in Humanism, Renaissance, and Reformation Literature: ______ 3 Hours.
LEC.

GERM 755. Studies in Baroque Literature: ______ 3 Hours.
LEC.

GERM 756. Studies in Enlightenment Literature: ______ 3 Hours.
LEC.

GERM 760. Studies on Writers of the Age of Goethe: ______ 3 Hours.
LEC.

GERM 762. Studies in Romanticism: ______ 3 Hours.
LEC.

GERM 764. Studies in the Literature of the 19th Century: ______ 3 Hours.
LEC.

GERM 766. Studies in Literature since 1890: ______ 3 Hours.
LEC.

GERM 800. Seminar: Teaching German as a Second Language. 3 Hours.
Introduction to selected aspects of second-language acquisition, foreign-language pedagogy, and contrastive grammar, with the major concentration on practical guidance in teaching elementary German, test preparation and grading, and in the use of equipment. LEC.

GERM 801. Practicum in GTAs. 1 Hour.
Discussion of matters relating to the teaching of German in specific courses. Required of all GTAs in each semester of teaching, unless enrolled in GERM 800. Does not count toward completion of 30 hours of course work for the M.A. or 27 hours of course work for the Ph.D. IND.

GERM 822. Survey of Medieval German Literature. 3 Hours.
Text-oriented study of the literature of 750-1500 with selected readings in the original and in translation. Prerequisite: GERM 721. LEC.

GERM 823. Readings in Middle High German Epics: ______ 3 Hours.
Reading and literary analysis of one of the following: Nibelungenlied, Erec and Iwein, Tristan, Parzival. Prerequisite: GERM 721. LEC.

GERM 824. Readings in Middle High German Lyrics. 3 Hours.
Reading and literary analysis of one of the following: Minnesangs Fruehling, Walther von der Vogelweide. Prerequisite: GERM 721. LEC.

GERM 851. Studies in Germanic Philology: ______ 3 Hours.
Topics to be announced. Emphasis on studies in etymology, semantics, vocabulary, medieval dialects, linguistic theories. Prerequisite: GERM 711. LEC.

GERM 852. Special Topics in Literature: ______ 3 Hours.
Prerequisite: GERM 701. LEC.

GERM 854. Studies in the Works of: ______ 3 Hours.
In-depth study of the work of a major author in German literature. Prerequisite: GERM 701. LEC.

GERM 855. Introduction to German Applied Linguistics. 3 Hours.
Introduction to theories and topics in German applied linguistics. SEM.

GERM 860. Introduction to Modern German Dialects. 3 Hours.
Introduction to modern German dialects, methods of dialect research and aspects of linguistic assimilation and loss as well as a survey of German-American dialects. Prerequisite: Permission of instructor required. SEM.
GERM 900. Workshop for Ph.D. Students. 1 Hour.
Discussion of policies in the Ph.D. program, research specializations, examinations, dissertation proposals, writing of dissertations, grant proposals, conference presentations, publication of scholarship, and entrance into the academic job market. Required of all Ph.D. students in the first year in the program. Does not count toward completion of 27 hours of course work for the Ph.D. LEC.

GERM 901. Gothic. 3 Hours.
Reading of selected Gothic texts. Historical and descriptive study of Gothic phonology and grammar, with an introduction to comparative Germanic grammar. Prerequisite: GERM 711. LEC.

GERM 902. Old Saxon. 3 Hours.
Introduction to the elements of its grammar and discussion of its role in the Germanic family of languages. Selected readings from the Heliand and discussion of the entire work. Prerequisite: GERM 711. LEC.

GERM 903. Old High German. 3 Hours.
Reading and discussion of selected prose texts and poetic documents; phonological and grammatical features of the Old High German dialects. Prerequisite: GERM 711. LEC.

GERM 904. Gothic and Its Closest Relatives. 3 Hours.
A survey of the earliest Germanic languages with an emphasis on the comparative phonology and grammar of Gothic, Old High German, and Old Saxon as well as the reading of selections of major texts in those three language. LEC.

GERM 951. Seminar in Germanic Philology: ______. 3 Hours.
LEC.

GERM 952. Seminar in Medieval German Literature: ______. 3 Hours.
LEC.

GERM 953. Investigation and Conference: ______. 1-3 Hours.
To be taken only in exceptional cases. Permission of the instructor who will supervise the student's work is required. RSH.

GERM 954. Seminar in Humanism, Renaissance, and Reformation Literature: ______. 3 Hours.
LEC.

GERM 955. Seminar in Baroque Literature: ______. 3 Hours.
LEC.

GERM 956. Seminar in Enlightenment Literature: ______. 3 Hours.
LEC.

GERM 960. Seminar on Writers of the Age of Goethe: ______. 3 Hours.
LEC.

GERM 962. Seminar in Romanticism: ______. 3 Hours.
LEC.

GERM 964. Seminar in the Literature of the 19th Century: ______. 3 Hours.
LEC.

GERM 966. Seminar in Problems in Literature since 1890: ______. 3 Hours.
LEC.

GERM 967. Seminar in Special Topics: ______. 3 Hours.
LEC.

GERM 999. Doctoral Dissertation. 1-10 Hours.
THE.

HNGR 103. Survival Hungarian. 3 Hours. U.
Practical training for people intending to live, study, travel, or work in Hungary. Focus on conversational skills. Intensive practice in speaking and listening, with vocabulary about Hungarian geography, culture, and business. Introduction to basic grammar. Not for native speakers LEC.

HNGR 104. Elementary Hungarian I. 5 Hours. U.
Essentials of grammar, practice in speaking, composition, and reading. Five class meetings per week. Not open to native speakers of Hungarian. Prerequisite: HNGR 104 or equivalent. LEC.

HNGR 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Hungarian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

HNGR 212. Intermediate Hungarian I. 3 Hours. U.
A continuation of HNGR 108. Structured grammar review, composition, conversation, with readings of literary and cultural texts. Three class meetings per week. Not open to native speakers of Hungarian. Prerequisite: HNGR 108 or equivalent. LEC.

HNGR 216. Intermediate Hungarian II. 3 Hours. U.
A continuation of HNGR 212. Structured grammar review, composition, conversation, with readings of literary and cultural texts. Three class meetings per week. Not open to native speakers of Hungarian. Prerequisite: HNGR 212 or equivalent. LEC.

HNGR 453. Investigation and Conference: ______. 1-3 Hours. U.
Independent study and directed readings on special topics. Permission of the instructor who will supervise the student's work is required. Not open to native speakers of Hungarian. Prerequisite: HNGR 216. IND.

NORW 104. Elementary Norwegian I. 5 Hours. U.
Essentials of grammar, practice in speaking, reading, and writing Norwegian. Five hours of recitation per week. Not open to native speakers of Norwegian. LEC.

NORW 108. Elementary Norwegian II. 5 Hours. U.
Continuation of grammar; practice in conversation, composition, and reading. Five hours of recitation per week. Not open to native speakers of Norwegian. Prerequisite: NORW 104 or permission of instructor. LEC.

NORW 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Norwegian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

NORW 212. Intermediate Norwegian I. 3 Hours. U.
A continuation of NORW 108. Structured grammar review, composition, conversation, with readings of literary and cultural texts. Not open to native speakers of Norwegian. Prerequisite: NORW 212 or permission of instructor. LEC.
SCAN 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Scandinavian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

SCAN 453. Investigation and Conference: _____. 1-3 Hours. U.
Independent study and directed reading on special topics. Prerequisite: Permission of instructor. IND.

SCAN 560. Scandinavia Past and Present. 3 Hours. H.
This course presents a historical survey of Denmark, Finland, Iceland, Norway and Sweden. In a comparative framework, the course focuses on a variety of central aspects that shaped Scandinavia from the Viking Age to the present. LEC.

SCAN 570. Scandinavian Life and Civilization. 3 Hours. H/W.
This course is designed to impart a general knowledge of life in Denmark, Finland, Iceland, Norway, and Sweden, with emphasis on social and cultural conditions, against a geographical and historical background, from the Viking age to the present. Slides and other illustrated materials. (Same as EURS 510.) LEC.

SCAN 660. Representative Authors in English. 3 Hours. H/W.
Intensive study of one or more major authors from the literatures of Scandinavia. May be repeated. LEC.

SCAN 661. Topics in Scandinavian Languages and Linguistics: _____. 3 Hours.
Intensive study of a selected topic in Scandinavian languages and linguistics. The course deals with the linguistic analysis of language rather than the acquisition of a particular language. May be repeated. Prerequisite: A course in linguistics. LEC.

SCAN 753. Investigation and Conference: _____. 1-3 Hours. U.
Independent study and directed reading on special topics. Permission of the instructor is required. RSH.

SCAN 906. Old Norse. 3 Hours.
Introduction to the grammar and reading of the prose literature of the "saga-age" (1100-1350). Varied selections from the literature provide the context in which the language is discussed. LEC.

SCAN 907. Readings in Old Norse Literature. 3 Hours.
Intensive discussion of a single longer saga or several shorter works, or a combination of these on a single theme. Dialectal differences between W. Norse and older Germanic dialects will be noted. Prerequisite: SCAN 906. LEC.

SWED 104. Elementary Swedish I. 5 Hours. U.
Essentials of grammar, practice in speaking, reading, and writing Swedish. Five hours of recitation per week. Not open to native speakers of Swedish. LEC.

SWED 105. Elementary Swedish I, Honors. 5 Hours. U.
Similar to SWED 104 with additional work to expand the student's cultural context and understanding. Not open to native speakers of Swedish or students who have completed SWED 104. Prerequisite: Open only to students admitted to the University Honors Program, or by permission of instructor. LEC.

SWED 108. Elementary Swedish II. 5 Hours. U.
Continuation of grammar; practice in conversation, composition, and reading. Five hours of recitation per week. Not open to native speakers of Swedish. Prerequisite: SWED 104 or permission of instructor. LEC.

SWED 109. Elementary Swedish II, Honors. 5 Hours. U.
Course content similar to SWED 108, with additional cultural study. Meets 5 days a week. Not open to native speakers of Swedish. Prerequisite: Open only to students admitted to the University Honors Program, or by permission of instructor. LEC.

SWED 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Swedish. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

SWED 212. Intermediate Swedish I. 3 Hours. U.
A continuation of SWED 108. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Swedish. Prerequisite: SWED 108 or permission of instructor. LEC.

SWED 213. Intermediate Swedish I, Honors. 3 Hours. U.
Course content similar to SWED 212, with additional cultural study. Three class meetings per week. Not open to native speakers of Swedish. Prerequisite: Open only to students admitted to the University Honors Program, or by permission of instructor. LEC.

SWED 216. Intermediate Swedish II. 3 Hours. U.
A continuation of SWED 212. Structured grammar review, composition, conversation with readings of literary and cultural texts. Not open to native speakers of Swedish. Prerequisite: SWED 212 or permission of instructor. LEC.

SWED 217. Intermediate Swedish II, Honors. 3 Hours. U.
Course content similar to SWED 216, with additional cultural study. Three class meetings per week. Not open to native speakers of Swedish. Prerequisite: Open only to students admitted to the University Honors Program, or by permission of instructor. LEC.

SWED 330. Intermediate Swedish Composition and Conversation. 3 Hours. H.
Extensive practice in writing and speaking Swedish with grammar and review and selected readings. Not open to native speakers of Swedish. Prerequisite: SWED 216 or equivalent. LEC.

Global International Studies Courses

EURS 150. Study Abroad Topics in European Studies: _____. 1-5 Hours. U.
This course is designed for the study of special topics in European Studies at the 100-level (Freshman/Sophomore level). Coursework must be arranged through the KU Office of Study Abroad and approved by a faculty advisor in European Studies. May be repeated for credit if content varies. LEC.

EURS 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in European Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

EURS 302. European Culture and Society 1945 to Present. 3 Hours. HT AE42 / H.
The course provides historical, cultural, and political overviews of Europe since 1945 with particular emphasis on the contribution of French and Italian culture and society. The course emphasizes Europe's contribution to Western intellectual thought, social movements, arts and literature, and global society. (Same as HWC 302.) LEC.
EURS 329. History of War and Peace. 3 Hours. HL / H.
A study of the changing nature of warfare and the struggle to bring about peace. Topics include pacifism, the “military revolution” that created the first professional armies; the development of diplomatic immunity, truces, and international law; the peace settlements of Westphalia, Utrecht, Vienna, Versailles, San Francisco; the creation of peace movements and peace prizes; the evolution of total war, civil war; and guerrilla warfare involving civilians in the twentieth century; the history of the League of Nations and United Nations; and the rise of intergovernmental and non-governmental organizations. (Same as HIST 329 and PCS 329.) LEC.

EURS 350. Study Abroad Topics in: _____, 1-5 Hours. H.
This course is designed for the study of special topics in European Studies at the Junior/Senior level. Coursework must be arranged through the KU Office of Study Abroad and approved by a faculty advisor in European Studies. May be repeated for credit if content varies. LEC.

EURS 430. European Civilization in World Context: ______, 3 Hours. HL AE42/GE3H / H.
An introduction to the literature of encounter between European and non-European civilizations, drawing on both Western and non-Western sources. The course may include European interactions with areas such as the Mediterranean Basin, Sub-saharan Africa, South and East Asia, and the Americas. World areas and historical periods chosen for study will vary from semester to semester according to the interest and field of the instructor. Not open to freshmen. (Same as HWC 430.) Prerequisite: HWC 114 or HWC 204 and HWC 115 or HWC 205. LEC.

EURS 435. Islam in Europe. 3 Hours. AE42 / H.
Investigation of Muslim migration into Europe and day-to-day interactions of Muslims with other European populations. This is an integrated study of historical, political, religious and economic influences that determine Muslim experience in contemporary European culture. (Same as HWC 435.) LEC.

EURS 500. Seminar in European Studies. 3 Hours. AE42/AE61 / H.
Provides an interdisciplinary approach to the study of modern European civilization. By discussing both classic and contemporary, controversial readings each week and writing several papers during the semester, students acquire an understanding of the development of modern European culture and society and Europe’s contemporary problems. Topics for discussions and papers are drawn from the following subjects: the economic and political integration of European states; modernism and anti-modernism in European culture; imperialism, migration, and ethnic and racial division in European society; democracy versus dictatorship; American-European relations; mass culture, urban development, and the welfare state; and contrasts and comparisons between European Cultures—East and West, North and South. Seminar discussions are led by invited European Studies faculty as well as the instructor or instructors. Required of all European Studies majors. Prerequisite: Junior standing or consent of instructor. LEC.

EURS 501. Senior Thesis in European Studies. 3 Hours. AE61 / H.
European Studies majors will do research and write a substantial paper on a topic in the culture, economy, history, or politics of Europe. Topics will be approved by the European Studies Committee. Students will work with an advisor chosen from among the European Studies faculty and with the European Studies Coordinator. The majority of the students’ work will be done independently with their advisors, but students will meet with the European Studies Coordinator several times as a class to report on their progress and present their final drafts. Required of all European Studies majors. Prerequisite: Completion of Eurus 500 and 15 hours toward the Co-Major. IND.

EURS 502. Senior Honors Thesis in European Studies. 3 Hours. AE61 / H.
Open to European Studies majors doing their senior thesis for Honors. Prerequisite: Completion of Eurus 500, 15 hours toward the Co-Major, and approval of Honors thesis by European Studies Committee. Completion of or concurrent enrollment in Eurus 501. IND.

EURS 503. Europe Today. 3 Hours. S.
This intensive, interdisciplinary seminar focuses on current social, political, and economic changes in Europe. Topics include European integration and the European Union, the conflict between nationalism and European consciousness, NATO and U.S.-European relations, and international business in Europe. The seminar will include guest lectures from an international array of scholars, political officials, and business representatives, as well as site visits to their institutions and companies. The seminar takes place in Brussels, Belgium, and enrollment is restricted to students accepted in the KU Summer Institute for European Studies study abroad program. LEC.

EURS 505. Studies in Exile Literature. 3 Hours. H.
A multidisciplinary study of selected literary, scholarly, and creative works produced by those Europeans forced into exile, emphasizing their impact on culture and society both in Europe and in those countries in which the exiles resided. Examples: exile during the Nazi dictatorship in Germany (1933-1945), during Cold War crises (Berlin 1960, Prague 1968). LEC.

EURS 506. Culture and Politics of the Cold War in Western Europe. 3 Hours. H.
An interdisciplinary overview of the Cold War period (1945-1985) focusing on Western European dimensions of the problem, based on the view that the Cold War structured political institutions, cultures, and societies in enduring ways that continue to be relevant today. LEC.

EURS 507. Research in European Collections. 1-3 Hours. H.
This course allows students in the European Studies Co-Major and related disciplines to receive credit for research related to European Collections in one or more of the following institutions: Watson and Spencer Research Libraries, the DoLe Institute, the Eisenhower and Truman Presidential Libraries, the U.S. Army Combined Arms Research and Foreign Military Studies Office at Fort Leavenworth, the Linda Hall Library in Kansas City, and the Winston Churchill Collection at the Westminster College Library in Fulton, Missouri. May be taken in place of EURS 501 by European Studies Honors Students if taken for three credit hours. Permission of instructor necessary. IND.

EURS 508. Politics and Economics of Cultural Production in Western Europe. 3 Hours. H.
Artists and intellectuals in their relation to state and society. This course is designed to introduce students (1) to the role European artists and intellectuals have often played in the arena of politics and (2) to the privileged place cultural production (arts, literature, media) occupies in the formation of various European identities and economies. LEC.

EURS 509. Introduction to the Study of Southern European Societies. 3 Hours. H.
Social, historical, and economic study of Southern European societies with emphasis on modern period. Relevant to the study of European integration and EU enlargement. Consideration of the distinctive southern Mediterranean societies from the perspective of their collective identity as a regional economic and geopolitical bloc. LEC.

EURS 510. Scandinavian Life and Civilization. 3 Hours. H.
This course is designed to impart a general knowledge of life in Denmark, Finland, Iceland, Norway, and Sweden with emphasis on social and cultural conditions, against a geographical and historical background,
from the Viking Age to the present. Slides and other illustrated materials. (Same as SCAN 570.) LEC.

**EURS 511. Topics in European Studies: _____, 3 Hours. H.**
A study of significant themes, movements, or problems in European history, literature, politics, society, or culture. May also relate European issues to issues in other world areas (Africa, North America, Asia, etc.) May be repeated for credit when topic varies. LEC.

**EURS 512. Irish Literature and Culture: _____, 3 Hours. H.**
Study of topics in Irish literature and culture. Topics may focus on a particular genre, theme, historical period, or group of authors. May be repeated for credit as the topic changes. (Same as ENGL 530.) Prerequisite: Prior completion of at least one 300- or 400-level English course. LEC.

**EURS 536. Economic Issues of the European Union, 3 Hours. S.**
A survey of the economies of the European Union, with a focus on the economic development of the member states since World War II, and an examination of the various economic issues confronting them today. (Same as ECON 536) Prerequisite: ECON 104 or ECON 144. LEC.

**EURS 550. Classics of Peace Literature, 3 Hours. HL AE51/AE61 / H.**
A study of influential proposals for world peace from Erasmus' The Complaint of Peace (1516) to the 1995 Hague Appeal for World Peace. Selected writings by such authors as Erasmus, Hugo Grotius, Jean-Jacques Rousseau, Immanuel Kant, Henry Thoreau, Henri Dunant, Berthe von Suttner, Woodrow Wilson, Mahatma Gandhi, and Martin Luther King, Jr., are considered. (Same as PCS 550.) Prerequisite: HWC 204 or HWC 205. LEC.

**EURS 556. The Literature of Human Rights, 3 Hours. H.**
Examines in literature, art, and film from about 1800 to the present, both sides of the ongoing debate surrounding the idea that all human persons possess inalienable rights because all persons possess intrinsic value as persons, value independent of race, gender, caste or class, wealth, age, sexual preference, etc. Anti- and pro-rights proponents are paired and studied with equal care. (Same as PCS 565.) LEC.

**EURS 580. Directed Study, 1-3 Hours. AE61 / H.**
Independent study and directed reading on special topics. Permission of the instructor who will supervise the student's work is required. LEC.

**EURS 581. Discussion Section in French, 1 Hour. U.**
The 1 credit hour course represents a foreign language discussion section to be attached to a major 3-credit hour EURS course (example: EURS 500). Foreign language discussion sections are an integral part of the KULAC program envisaged to reinforce foreign language proficiency. LEC.

**EURS 582. Discussion Section in German, 1 Hour. U.**
The 1 credit hour course represents a foreign language discussion section to be attached to a major 3-credit hour EURS course (example: EURS 500). Foreign language discussion sections are an integral part of the KULAC program envisaged to reinforce foreign language proficiency. LEC.

**EURS 583. Discussion Section in Italian, 1 Hour. U.**
The 1 credit hour course represents a foreign language discussion section to be attached to a major 3-credit hour EURS course (example: EURS 500). Foreign language discussion sections are an integral part of the KULAC program envisaged to reinforce foreign language proficiency. LEC.

**EURS 584. Discussion Section in Spanish, 1 Hour. U.**
The 1 credit hour course represents a foreign language discussion section to be attached to a major 3-credit hour EURS course (example: EURS 500). Foreign language discussion sections are an integral part of the KULAC program envisaged to reinforce foreign language proficiency. LEC.

**EURS 604. The European Union, 3 Hours. H.**
The European Union, the union of 27 European countries, is a culmination of a long history of European unity. The European Union now encompasses population and economic strength rivalling that of the United States. This course examines selected topics in the history of European integration and the political, legal, economic, and social implications of the present European Union as well as its relations with the United States and other regions of the world. LEC.

**FARS 110. Elementary Farsi I, 5 Hours. U.**
Vocabulary acquisition, pronunciation, grammar, and writing. Course includes reading of simple texts. Five hours of class per week. LEC.

**FARS 120. Elementary Farsi II, 5 Hours.**
Continuation of FARS 110. Vocabulary acquisition, pronunciation, grammar, and writing. Course includes reading of simple texts. Five hours of class per week. Prerequisite: FARS 110 or departmental permission. LEC.

**FARS 210. Intermediate Farsi I, 3 Hours. U.**
A continuation of FARS 120. Course emphasizes oral and written work in Farsi. Systematic review of grammar and introduction to reading in cultural texts. Prerequisite: FARS 120 or departmental permission. LEC.

**FARS 220. Intermediate Farsi II, 3 Hours. U.**
A continuation of FARS 210. Course emphasizes oral and written work in Farsi. Systematic review of grammar and introduction to reading in cultural texts. Prerequisite: FARS 210 or departmental permission. LEC.

**FARS 310. Advanced Farsi I, 3 Hours. U.**
Enhancement of speaking, comprehension, reading and writing abilities in Farsi. Readings from Farsi literature introduced. Prerequisite: FARS 220 or placement exam that establishes a level of proficiency in Farsi suited to Advanced Farsi I. LEC.

**FARS 320. Advanced Farsi II, 3 Hours. U.**
Enhancement of speaking, comprehension, reading and writing abilities in Farsi. Readings from Farsi literature introduced. Prerequisite: FARS 310 or placement exam that establishes a level of proficiency in Farsi suited to Advanced Farsi II. LEC.

**GIST 177. First Year Seminar: _____, 3 Hours. GE11 / U.**
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Global International Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

**GIST 201. Topics in: _____, 1-3 Hours. U.**
An interdisciplinary study of international topics. Designed especially for freshmen and sophomores. May be repeated for credit if content varies. LEC.

**GIST 202. Topics in South Asian Studies: _____, 1-3 Hours. U.**
An interdisciplinary study of topics related to South Asia. Designed especially for freshmen and sophomores. May be repeated for credit if content varies. LEC.

**GIST 203. Topics in Middle Eastern Studies: _____, 1-3 Hours. U.**
An interdisciplinary study of topics related to the Middle East. Designed especially for freshmen and sophomores. May be repeated for credit if content varies. LEC.

**GIST 250. Introduction to Globalization, 3 Hours. S.**
Along with an overview of the origins and historical development of globalization, the course addresses various aspects of the
growth of transnational economic, cultural, institutional, and political interconnections, including the implications of rapidly-developing information technology and social media, international security in a transnational world, and the issues related to the movement of goods, people (immigration), images, ideas, and institutional forms across national borders. LEC.

GIST 301. Introduction to Global and International Studies. 3 Hours. S.
This course provides an overview to the major ways and themes involved in the study of world cultures, politics, and societies as applied by disciplines in the social sciences. Topics such as the construction and maintenance of cultures, comparative political systems, global and regional economies, popular culture, gender and the environment will be covered through their manifestations in particular regional and global contexts. LEC.

GIST 350. Study Abroad Topics in: ______. 1-5 Hours. U.
This course is designed for the study of special topics in global and international studies at the junior/senior level. Course work must be arranged through the KU Office of Study Abroad and approved by a faculty adviser in Global and International Studies. May be repeated for credit if content varies. LEC.

GIST 424. Nationalism(s) in Turkey. 3 Hours. S.
This course analyzes the major variations in nationalist paradigms existing in contemporary Turkey, including conservative nationalism, secular nationalism, religious (Islamic) nationalism, and Kurdish nationalism. Through the lens of seminal theories on the origins, development, and types of nationalism and the relevant historical background of the Turkish Republic, we explore how these competing visions of "the nation" and "homeland" have changed, fragmented, and manifested themselves in everyday Turkish politics and society. LEC.

GIST 493. Directed Readings. 3 Hours. U.
Individual and supervised readings in a selected area of international studies. Course is repeatable with permission of the program director. LEC.

GIST 495. Global Internship. 3 Hours. U.
Semester-long internship with a business or organization located abroad or that provides a global or international working context for the interning student. A term paper is required. Prerequisite: Consent of instructor. FLD.

GIST 501. Topics in: ______. 1-3 Hours. U.
An interdisciplinary study of international topics. Designed especially for juniors and seniors. May be repeated for credit if content varies. LEC.

GIST 502. Advanced Topics in South Asian Studies: ______. 1-3 Hours. U.
An interdisciplinary study of topics related to South Asia. May be repeated for credit if content varies. Prerequisite depends on specific topic offered. LEC.

GIST 503. Advanced Topics in Middle East Studies: ______. 3 Hours. U.
An interdisciplinary study of topics related to the Middle East. May be repeated for credit if content depends on specific topic offered. LEC.

GIST 530. Politics and Society in the Contemporary Persianate World. 3 Hours. S.
This course examines the major currents of political developments and their linkages with religion, culture and civil society in Turkey, Iran, Afghanistan, Pakistan and India since the late nineteenth century. During the "pre-modern" period, all these countries formed part of "the Persianate world," a region that extended from the Iranian plateau to the Balkans, Central Asia and the Indian subcontinent, mostly under the Turkic administrations, and tied together by trade, Islam, and Persian as the lingua franca. The dissemination of modern Western political thought and nationalism during the colonial period led to nation-states and the end of the linguistic domination of Persian in the region. Though each of these nation-states ultimately took a different trajectory, they each were faced with similar challenges that offer the basis for interesting comparisons between them. This course explores the trajectories of these countries in regard to the relations between the state, religion, and politics, various strands of nationalism, pluralism, religious and ethnic minorities, social equality, and democratization. Prerequisite: GIST 301 or POLS 150. LEC.

GIST 535. Literature and Society in the Contemporary Middle East. 3 Hours. H.
This course offers a general introduction to the modern Middle Eastern literatures in English translation. Through analyses of selected short stories and novels from Arabic, Turkish and Persian literature, the students develop an understanding of the issues that shape everyday life in the Contemporary Middle East. The course investigates issues of nation and national identity, war, ethnicity, class, religion, and gender and sexuality. We use a variety of paradigms, namely nationalist, Marxist, feminist, and Islamist, to provide a theoretical framework for discussion of the selected works. No prior knowledge of Arabic, Turkish or Persian language is needed. Prerequisite: GIST 301. LEC.

GIST 610. Interdisciplinary Methods for Global Contexts. 3 Hours. S.
An introduction to a variety of widely-employed quantitative and qualitative research methods in the social sciences and humanities, including methods such as statistical analysis, ethnography, and content analysis. LEC.

GIST 624. Social Movements in the Middle East. 3 Hours. S.
Using the major theories and approaches comparatively applied to social movements around the world, this course critically analyzes historical and existing cases of social movements and "nonmovements" in the Middle East. We cover examples of Islamist (and post-Islamist), women's, nationalist, democratic, youth and labor movements and their impact on the region. Contextual factors like technology and social networking, regime type, institutions, and socioeconomic structures are also considered for their role in supporting or inhibiting collective action. Prerequisite: GIST 301 or POLS 150. LEC.

GIST 684. International Law: The State and the Individual. 3 Hours. S.
International law has assumed an increasingly significant role in international life. This course examines major issues in international law including (but not limited to): the changing status and role of the state; rights of minorities and self-determination; the environment; and human rights. The course examines the central questions and the relevant international legal principles associated with each issue. Prerequisite: POLS 170. LEC.

GIST 685. International Law: Laws of Armed Conflict. 3 Hours. S.
This course examines the principles, roles, and functions of international law in the conduct of war. As the course reviews the development and application of the basic rules of armed conflict, several current issues and conflicts are addressed including: the legitimate use of force; the proper definitions of combatants and civilians; actions that constitute war crimes, the legality of new weapons technology, and, if the laws of armed conflict apply to the current "war on terrorism." Prerequisite: POLS 170. LEC.

GIST 686. Capstone Seminar. 3 Hours. AE61 / H.
A seminar designed to introduce students to the theory and practice of global and international studies. A research paper will be required. May not be repeated for credit. Prerequisite: 12 hours of junior/senior level and above courses that satisfy requirements for the major. LEC.
GIST 699. Capstone Seminar, Honors. 3 Hours. AE61 / H.
A seminar designed to introduce honors students to the theory and practice of global and international studies. A research paper will be required. May not be repeated for credit. Prerequisite: 12 hours of junior/senior level and above courses that satisfy requirements for the major. LEC.

GIST 701. Approaches to International Studies. 3 Hours.
This course examines various approaches to the study of cultures, politics, and societies in their global and international contexts through the exploration of a variety of exemplary works of global/international research from a variety of disciplines (e.g., anthropology, sociology, political science, economics, geography, history, etc.). The course will cover the major contributions of these disciplines in their approaches to global questions and themes and will provide a multi-disciplinary framework within which students can begin exploring their own global and international research questions. The course also provides an introduction to the major regions and many of the themes that students will be able to specialize in during the course of the MA program. LEC.

GIST 702. Globalization. 3 Hours.
A central issue in international studies is globalization, the increasing interconnectedness of societies and economies. This course examines globalization from an historical and contemporary perspective. Major topics include (but are not necessarily limited to) the historical expansion of the West since 1500, the growth of international economic institutions, conflict among global cultures, the future of state sovereignty, and the challenges of economic integration. LEC.

GIST 703. The World Economy. 3 Hours.
An introduction to international trade and finance, theories of economic development, and international economic structures. Not appropriate for economics majors. LEC.

GIST 704. Global Cultures and Societies. 3 Hours.
Examination of the components of culture, economic and political anthropology, major global cultural areas, and the impact of cultural differences as expressed through language, literature, religion, thought, and motivation in cross-cultural communications. LEC.

GIST 705. Globalization in History. 3 Hours.
A study of the increasing interaction among world societies since 1500 and an investigation of the long-term developments behind current world problems. Major topics include Western expansion since 1500, the spread of state sovereignty, the formation of a world economy, and the spread of international institutions. Current issues will vary, but may include environmental crises, human rights, migration, free trade and the spread of consumer culture, ethnicity and nationalism, and international intervention within states. (Same as HIST 705.) LEC.

GIST 706. Comparative Governments. 3 Hours.
Survey of different governmental structures in the contemporary world and the ways these countries have confronted issues such as modernization and development, economic security, ethnic pluralism and conflict, and globalization. LEC.

GIST 710. Interdisciplinary Research Methods for Global Contexts. 3 Hours.
This course addresses the challenges for students engaged in research in an interdisciplinary and international context. The course will take issues for research and place them within the structure of a research design process, including formulation of a general question, the appropriateness of theory, the grounding of a literature review, and the posing of a testable research question and/or hypothesis. Students will also be exposed to research methodologies and how these manifest themselves through the logic of the disciplines such as anthropology, sociology, geography, political science, history and literature. With a final thesis project design in mind, students will be expected to be expected to be able to utilize the research tools of accessing secondary analytical data, archival research, SPSS, ArcView and methods such as survey construction, implementation, and analysis, interviews, content analysis, discourse analysis, case study, and GIS. Prerequisite: GIST 701 or consent of instructor. LEC.

GIST 750. Topics in International Studies: _____. 3 Hours.
A study of one or more selected topics in international studies. Course may be taken more than once. LEC.

GIST 793. Directed Readings. 1-5 Hours.
Individual and supervised readings in a selected area of international studies. Course is repeatable with permission of the program director. LEC.

GIST 888. Contemporary China Studies. 3 Hours.
This course will review and analyze the current literature on China’s social and political development, including a wide range of topics within political science. There is a rich body of literature within each topic such as civil society in China, legal reform, political culture, nationalism, gender issues, ethnicity, political behavior, elections, economic development, and inequality. This course will introduce key literature within each topic focusing on the debates among China scholars as well as how these debates fit in the general field of political science. (Same as EALC 888 and POLS 888.) Prerequisite: POLS 668 or permission of the instructor. LEC.

GIST 897. Examination Preparation. 1 Hour.
Independent study in preparation for the Comprehensive M.A. examination. Graded on satisfactory/unsatisfactory basis. May be repeated. LEC.

GIST 898. Thesis Writing. 3 Hours.
This course guides MA students through the crafting of their academic or professional thesis. The students begin the course with a literature review and data/research completed, and they will be directed through in-class workshops and deadlines with the intention to produce a full draft of their thesis. Students may choose to draft a thesis that fits either academic conventions for a similar body of research, or they may develop a body of research whose target would be a business or professional audience. Course is designed to assist students in the development of theses with varying methodologies, methods, and audiences on global and international topics. Prerequisite: GIST 710. THE.

GIST 899. Thesis. 1-6 Hours.
Enrollment for writing thesis for master’s degree. THE.

HEBR 110. Elementary Israeli Hebrew I. 5 Hours. U.
A beginning course in modern Israeli Hebrew. Essentials of grammar, syntax and conversational practice; elementary reading and writing. Note: Students with other previous experience in Hebrew must take a placement exam. LEC.

HEBR 120. Elementary Israeli Hebrew II. 5 Hours. U.
A continuation of HEBR 110. Note Students with other previous experience in Hebrew must take a placement exam. Prerequisite: HEBR 110. LEC.

HEBR 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Hebrew. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.
HEBR 210. Intermediate Israeli Hebrew I. 3 Hours. U.
Further development of language skills: listening comprehension, oral efficiency, intermediate grammar and syntax, reading and writing. Note: Students with other previous experience in Hebrew must take a placement exam. Prerequisite: HEBR 120. LEC.

HEBR 220. Intermediate Israeli Hebrew II. 3 Hours. U.
A continuation of HEBR 210. Note: Students with other previous experience in Hebrew must take a placement exam. Prerequisite: HEBR 210. LEC.

HEBR 230. Biblical Hebrew. 3 Hours. U.
This course introduces students to the grammatical structure and vocabulary of biblical Hebrew. It includes basic biblical passages for students to translate into English and analyze. LEC.

HEBR 240. Biblical Hebrew II. 3 Hours. U.
This is a continuation of Hebrew 230. It continues the study of the grammatical structure and vocabulary of biblical Hebrew, and includes biblical texts for students to translate and analyze. Prerequisite: HEBR 230 or permission of the instructor. LEC.

HEBR 340. Advanced Israeli Hebrew I. 3 Hours. U.
Advanced study of Modern Hebrew. This course is designed to strengthen linguistic skills, enrich vocabulary, and further the study of grammar and syntax. Not open to native speakers of Hebrew. Prerequisite: HEBR 220 or permission of the instructor. LEC.

HEBR 350. Advanced Israeli Hebrew II. 3 Hours. U.
Continued advanced study of modern Hebrew. Not open to native speakers of Hebrew. Prerequisite: HEBR 340 or permission of the instructor. LEC.

HEBR 395. Study Abroad Topics in Hebrew: ____. 3-6 Hours. H.
This course is designed for the study abroad of special topics in Hebrew at the junior/senior level. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

HEBR 410. Studies in Modern Hebrew Literature. 3 Hours. H.
An introduction to Hebrew literature from the nineteenth century to the present day. The course emphasizes the development of basic interpretive skills and the understanding of basic literary movements, genres, and concepts. Not open to native speakers of Hebrew. Prerequisite: HEBR 220 or equivalent. LEC.

HEBR 420. Studies in Modern Hebrew. 3 Hours. U.
This course is designed to help students achieve fluency in speaking, listening, and writing Modern Hebrew. Not open to native speakers of Hebrew. Prerequisite: HEBR 220 or equivalent. LEC.

HEBR 490. Independent Study. 1-3 Hours. U.
Intensive reading or research under faculty supervision. Not open to native speakers of Hebrew. Prerequisite: HEBR 220 or equivalent. IND.

HNDI 110. Beginning Hindi I. 5 Hours. U.
An introduction to modern standard Hindi that emphasizes acquisition of basic language skills (speaking, comprehension, reading and writing) through a combination of lecture, drill, and work with the Devanagari script. LEC.

HNDI 120. Beginning Hindi II. 5 Hours. U.
A continuation of Beginning Hindi I that builds on basic skills of speaking and comprehension, and the writing and reading of the Devanagari script developed in Beginning Hindi I. Prerequisite: HNDI 110 or placement exam that establishes a level of proficiency in Hindi suited to Beginning Hindi II. LEC.

HNDI 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Hungarian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

HNDI 210. Intermediate Hindi I. 3 Hours. U.
Enhancement of speaking, comprehension, reading and writing abilities in modern standard Hindi, with emphasis on grammar. Readings will be introduced from representative genres of Hindi literature. Prerequisite: HNDI 120 or placement exam that establishes a level of proficiency in Hindi suited to Intermediate Hindi I. LEC.

HNDI 220. Intermediate Hindi II. 3 Hours. U.
Enhancement of speaking, comprehension, reading and writing abilities in modern standard Hindi, with emphasis on grammar. Readings will be introduced from representative genres of Hindi literature. Prerequisite: HNDI 210 or placement exam that establishes a level of proficiency in Hindi suited to Intermediate Hindi II. LEC.

HNDI 301. Topics in Hindi Culture, Language and Literature: ____. 3 Hours. U.
Investigation of special topics on Hindi culture, language and literature at the undergraduate level. May be repeated for credit when topic varies. LEC.

HNDI 310. Advanced Hindi I. 3 Hours. U.
Enhancement of speaking, comprehension, reading and writing abilities in Hindi. Readings are introduced from representative genres of Hindi literature. Prerequisite: HNDI 220 or placement exam that establishes a level of proficiency in Hindi suited to Advanced Hindi I. LEC.

HNDI 320. Advanced Hindi II. 3 Hours. U.
Enhancement of speaking, comprehension, reading and writing abilities in Hindi. Readings are introduced from representative genres of Hindi literature. Prerequisite: HNDI 310 or placement exam that establishes a level of proficiency in Hindi suited to Advanced Hindi II. LEC.

JWSH 107. Living Religions of the West. 3 Hours. HR / H.
A basic introduction to the major religious traditions of the Near East, Europe, and the Americas, with an emphasis on their development through the modern period and their expressions in contemporary life. Not open to students who have taken REL 109. (Same as REL 107.) LEC.

JWSH 124. Understanding the Bible. 3 Hours. HR / H.
An introduction to the literature of the Bible, exploring the relationships among the various types of literature present and the function of each type in the history and religious life of the people who produced and used them. Cannot be taken concurrently with REL 311 or JWSH 321 or REL 315. Not open to students who have taken REL 125 or JWSH 125. (Same as REL 124.) LEC.

JWSH 125. Understanding the Bible, Honors. 3 Hours. HR / H.
An introduction to the literature of the Bible, exploring the relationships among the various types of literature present and the function of each type in history and religious life of the people who produced and used them. Open only to students in the University Honors Program or by permission of instructor. Not open to students who have taken REL 124 or JWSH 124. (Same as REL 125.) LEC.

JWSH 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Jewish Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.
JWSH 300. Topics in Jewish Studies: _____ 3 Hours. H.
Examination of special topics in Jewish Studies. May be repeated if topic varies. LEC.

JWSH 311. Narratives of Jewish Life. 3 Hours. HL AE42 / H.
The course focuses on the narratives through which Jews made sense of their lives under the impact of the forces of modernity, beginning in the "old world," and moving through the 19th century and into the 20th. The goal is to analyze how the imagination of Jewish writers was captured by the changes in social structures such as new educational, residential and occupational opportunities, leading to increased interactions with the gentile society. Students read and discuss literary works based in the shtetl in revolutionary Russia, and in America. We will also look at memoirs and letters written by ordinary Jews. All assigned texts will be in English. LEC.

JWSH 315. The Spanish Inquisition. 3 Hours. H.
A broad historical study of the Spanish Inquisition from 1478 to its afterlife in modern culture, including its use in political debates and its depiction in popular culture. Topics include anti-Semitism, the nature of the inquisitorial investigation, the use of torture, censorship and the relationship between the Inquisition, the Spanish monarchy and other religious and lay authorities. Taught in English. Will not count toward the Spanish major. (Same as HIST 325 and SPAN 302.) LEC.

JWSH 318. Jews and Slavs in Eastern Europe. 3 Hours. H.
Jews and Slavs have shared territory from the Middle Ages to the present day. The contact between these culturally and linguistically distinct groups have shaped many centuries of Eastern European history - from the extreme violence of the pogroms to long periods of peaceful coexistence and cooperation. "Jews and Slavs" examines the history and cultural geography of Slavic-Jewish contact from the perspectives of both groups. Through literature, film, journalism, and folklore, students learn about the profound influence Jews and Slavs have had on each other, the uneasy feelings that accompanied their interactions, and the creative and fascinating impact their interaction had on both cultures. (Same as SLAV 318.) LEC.

JWSH 321. Religion of Ancient Israel. 3 Hours. H.
A study of the development of the Hebrew Bible from its earliest stages of oral tradition to its canonization with an emphasis on the relationship of the historical, intellectual, and cultural contexts shaping that development. (Same as REL 311.) Prerequisite: REL 124 or JWSH 124 or permission of instructor. LEC.

JWSH 325. Introduction to Judaism. 3 Hours. H.
Analyzes a selection of the core texts, teachings, and practices of Jewish religious traditions in terms of classical and contemporary understanding. (Same as REL 325.) LEC.

JWSH 327. Jewish Secular Culture. 3 Hours. HL AE42 / H.
By examining the modern concept of Yiddishkeit (Jewishness), this course explores Jewish secularism as a set of modern intellectual, literary, and cultural practices that redefined the relationship between the secular and religious in literature, music, theatre, art, humor, and foodways. This interdisciplinary course draws on theoretical approaches from history, cultural studies, religious studies, folklore, and linguistics to examine the different secularizing cultural practices of the Jews in Central and Eastern Europe, as well as in North America. LEC.

JWSH 336. Jewish American Literature and Culture. 3 Hours. H.
An examination of Jewish American literature and culture from the 17th century to the present. Materials may include a broad range of literary genres as well as folklore, music, film, and visual art. (Same as ENGL 336.) Prerequisite: Prior completion of the KU Core Written Communication requirement. Recommended: Prior completion of one 200-level English course. LEC.

JWSH 338. Languages of the Jews. 3 Hours. H.
From the beginning, Jewish history and culture is closely tied to language, from Hebrew and Aramaic to the languages of diaspora such as Yiddish and Ladino. Focusing on issues of language in society, this course will survey the languages spoken by the Jews throughout their long history in diverse communities around the world. We will learn about Hebrew as a spoken and a sacred language, examine how Jewish languages are born and die, and discuss the resurrection of Modern Hebrew in the state of Israel. All readings are in English. No prior knowledge of languages or linguistics is required. (Same as LING 338.) LEC.

JWSH 339. Languages of the Jews, Honors. 3 Hours. H.
Honors version of JWSH 338 or LING 338. Languages of the Jews. Prerequisite: Membership in the University Honors Program or consent of instructor. (Same as LING 339.) LEC.

JWSH 340. Topics in Modern Jewish Literature: _____ 3 Hours.
This course treats Jewish literature in English or English translation in the 20th and 21st centuries either as a broad survey or according to specific themes. May be repeated for credit. LEC.

JWSH 343. The Holocaust in History. 3 Hours. H.
The systematic murder of the Jews of Europe by the Nazis during World War II is one of the most important events of modern history. This course studies the Holocaust by asking about its place in history. It compares other attempted genocides with the Holocaust and examines why most historians argue that it is unique. Other topics covered include the reasons the Holocaust occurred in Europe when it did, the changing role of anti-Semitism, and the effects of the Holocaust on civilization. The course also discusses why some people have sought to deny the Holocaust. The course concludes by discussing the questions people have raised about the Holocaust and such issues as support for democracy, the belief in progress, the role of science, and the search for human values which are common to all societies. (Same as HIST 343.) LEC.

JWSH 350. Contemporary Jewish Identities. 3 Hours. SC / H.
This course explores the variety of ways in which American Jews create Jewish identities as individuals and groups. It traces the emergence of the various current divisions within Judaism: Reform Judaism (which by definition, implies Orthodoxy), then Conservative Judaism, and then the later development of Reconstructionist Judaism. The course also explores other contemporary options for being Jewish: cultural Jews, secular Jews, unaffiliated Jews, religious Jews, and gay or lesbian or transgendered Jews. LEC.

JWSH 361. Jewish Film. 3 Hours. H.
An examination of the cultural history of the Jews through films that explore Jewish themes, including but not limited to: issues of tradition and modernity, religion and secularism, immigration, gender, Zionism, anti-Semitism, and the Holocaust. Films studied may be in English and in foreign languages (with English subtitles) like Yiddish, Hebrew, and Russian. LEC.

JWSH 395. Study Abroad Topics in Jewish Studies: _____ 3-6 Hours. H.
This course is designed for the study of special topics in Jewish Studies at the junior/senior level. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

JWSH 490. Directed Study in Jewish Studies. 3 Hours. AE61 / H.
Intensive reading or research under faculty supervision. Prerequisite: Consent of instructor. IND.
JWSH 491. Directed Study in Jewish Studies, Honors. 3 Hours.
AE61 / H.
Honors version of JWSH 490. Intensive reading or research under faculty supervision. Prerequisite: Membership in the University Honors Program or consent of instructor. IND.

JWSH 523. The Dead Sea Scrolls. 3 Hours. H.
A study of the archeological evidence and texts from the Dead Sea area that provide primary evidence for Jewish religious belief and practice in the Greek and Roman periods (ca. 250 B.C.E. - 135 C.E.). (Same as REL 523.) Prerequisite: REL 124 or JWSH 124 or consent of instructor. LEC.

JWSH 525. Jews and Christians. 3 Hours. H.
This course examines the ways Jews and Christians have interacted with and characterized one another at various points in their histories. Special emphasis is placed on the gradual separation of the two religious traditions in the 1st-4th centuries. (Same as REL 525.) Prerequisite: A previous course in Religious Studies or Jewish Studies; or consent of instructor. LEC.

JWSH 526. Jewish History and Literature in the Greek and Roman Periods. 3 Hours. H.
The history and literature of the Jewish people from the hellenistic period (late fourth century B.C.E. to the codification of the Mishnah 210 C.E.). Select texts from the Hebrew Bible, the so-called apocrypha and pseudepigrapha, the Qumran scrolls, Philo, Josephus, related early Christian texts, and Rabbinic texts will be studied. (Same as REL 526.) Prerequisite: REL 124 or JWSH 124 or permission of instructor. LEC.

JWSH 560. Classical and Contemporary Jewish Thought. 3 Hours. H.
An introduction to individual Jewish thinkers and collective projects from Philo to the present, including The Talmud and Midrash, Middle Age and Early Modern Jewish philosophical and Talmudic rationalism and mysticism. Considers such thinkers as Spinoza, Cohen, Soloveitchik, Rosenzweig, and Levinas. (Same as REL 560.) Prerequisite: A previous course in Religious Studies or Jewish Studies; or consent of instructor. LEC.

JWSH 570. Studies in Judaism. 3 Hours. H.
A study of the major intellectual sources of the Jewish tradition from the Mishna, Talmud, Midrash, prayerbook, philosophers, the Zohar, and the Shulchan Aruch. (Same as REL 570.) Prerequisite: A course in Religious Studies or Jewish Studies numbered 300 or above. LEC.

JWSH 572. Jewish Folklore. 3 Hours. H.
Jewish folklore is extraordinarily rich and varied. From folktales to riddles, from legends about the exalted rabbis to irreverent jokes, folklore is central to the Jewish way of life. This course traces the extent to which oral elements appear in traditional Jewish literary texts such as the Bible; read and discuss folktales, and examine minor genres such as proverbs, riddles and jokes. Topics include the supernatural beings of Jewish folklore dybbuks, seductive female demons, and golems. Students acquire theoretical tools with which to analyze folklore (Jewish or otherwise), read stories, watch movies, and collect samples of folklore from informants. LEC.

JWSH 573. Jewish Folklore, Honors. 3 Hours. H.
Honors version of JWSH 572. Jewish folklore is extraordinarily rich and varied. From folktales to riddles, from legends about the exalted rabbis to irreverent jokes, folklore is central to the Jewish way of life. This course traces the extent to which oral elements appear in traditional Jewish literary texts such as the Bible; read and discuss folktales, and examine minor genres such as proverbs, riddles and jokes. Topics include the supernatural beings of Jewish folklore dybbuks, seductive female demons, and golems. Students acquire theoretical tools with which to analyze folklore (Jewish or otherwise), read stories, watch movies, and collect samples of folklore from informants. Open only to students in the University Honors Program or by permission of instructor. LEC.

JWSH 600. Advanced Topics in Jewish Studies: ____. 3 Hours. H.
Examination of advanced topics in Jewish Studies. May be repeated if topic varies. Prerequisite: Consent of instructor. LEC.

JWSH 650. Service Learning in Jewish Studies. 3 Hours. S.
This course, to be taken in the junior or senior year, is designed to give students the opportunity to apply the knowledge, concepts, and ideas gained in courses in Jewish studies to real-life situations in appropriate agencies and organizations. Open to students in the Jewish Studies program. Prerequisite: Permission of instructor. FLD.

History of Art Courses

HA 100. Introduction to Western Art History. 3 Hours. HT AE42/GE3H / H.
A chronological survey of Western art and architecture, including the ancient Near East, Europe from antiquity to the present, and North America from the colonial period to the present. The course emphasizes major historical and cultural developments, analyzes key art works and monuments, and introduces basic art historical principles and analytical methods. The course is offered at the 100 and 300 levels, with additional reading and writing assigned at the 300 level. Intended for non-majors. Does not count toward the 30 required hours in the major. Not open to students with credit in HA 103, HA 150, HA 151, HA 160, HA 161, or HA 300. LEC.

HA 103. Introduction to Western Art History, Honors. 3 Hours. HT AE42/GE3H / H.
A chronological survey of Western art and architecture, including the ancient Near East, Europe from antiquity to the present, and North America from the colonial period to the present. The course emphasizes major historical and cultural developments, analyzes key art works and monuments, and introduces basic art historical principles and analytical methods. The course is offered at the 100 and 300 levels, with additional reading and writing assigned at the 300 level. Intended for non-majors. Does not fulfill the 30 required hours in the major. Not open to students with credit in HA 100, HA 150, HA 151, HA 160, HA 161, HA 300, or HA 303. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

HA 105. Special Study: ____. 1-6 Hours. H.
This course is designed for the study of special topics in art history at the introductory level, including courses taken in the study abroad program. May deal with individual artists, special themes, or other topics not generally covered in courses offered by the department. May be repeated for credit if content varies. LEC.

HA 150. Western Art History I: Ancient Through Medieval Art. 3 Hours. HT AE42/GE3H / H.
A survey of the art of earlier periods in the West, from prehistoric times through the middle ages in Europe, with special emphasis on the relationship between artistic developments and cultural changes. Not open to students with credit in HA 160. LEC.

HA 151. Western Art History II: Renaissance to Contemporary Art. 3 Hours. H.
A survey of the art of later periods in the West, from the Renaissance to the contemporary period in Europe and America, with special emphasis on the achievements of individual artists in relation to the cultural movements of their times. Not open to students with credit in HA 161. Prerequisite: HA 100, HA 103, HA 150, HA 160, HA 300, or HA 303. LEC.
HA 160. Western Art History I, Honors. 3 Hours. HT AE42/GE3H / H. Honors section of HA 150. Students taking HA 150 for Honors credit must enroll in HA 160. They will attend HA 150 lectures and Honors discussion group led by the professor in charge of the course. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

HA 161. Western Art History II, Honors. 3 Hours. H. Honors section of HA 151. Students taking HA 151 for Honors credit must enroll in HA 161. They will attend HA 151 lectures and Honors discussion group led by the professor in charge of the course. Prerequisite: HA 100, HA 103, HA 150, HA 160, HA 300, or HA 303, and membership in University Honors Program or consent of instructor. LEC.

HA 177. First Year Seminar: _____, 3 Hours. GE11 / U. A limited-enrollment, seminar course for first-time freshmen, addressing current issues in History of Art. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

HA 261. Introduction to Modern Art. 3 Hours. HT GE3H / H. A general survey of painting, sculpture, architecture, and graphic art of the 19th and 20th centuries. Emphasis is placed on major movements and their artists, including Neo-Classicism, Romanticism, Realism, Impressionism, Post-Impressionism, Fauvism, Expressionism, Cubism, Surrealism, Abstract Art, Pop Art, and the developments of the contemporary period. LEC.

HA 265. Introduction to Asian Art. 3 Hours. HT/NW AE42/GE3H / H/W. An introduction to Asian art and architecture through a study of the principal monuments, their aesthetic principles, and their relation to philosophies and religions. LEC.

HA 266. The Visual Arts of East Asia. 3 Hours. HT/NW AE42/GE3H / H. An introduction to the visual arts of China, Korea, and Japan, with equal time given to each country. Emphasis will be placed on cultural context, including religion, social class and gender, and on the cultural interaction between the three countries. LEC.

HA 267. Art and Culture of Japan. 3 Hours. NW AE42/GE3H / H/W. An introduction to the Arts of Japan in historical and cultural context. Visual arts will be stressed. LEC.

HA 268. Art and Culture of China. 3 Hours. NW AE42/GE3H / H/W. An introduction to the arts of China in historical and cultural context. Visual arts will be stressed. No prerequisite. LEC.

HA 269. Art and Culture of Korea. 3 Hours. NW AE42/GE3H / H/W. An introduction to the arts of Korea in historical and cultural context. Visual arts will be stressed. LEC.

HA 300. Introduction to Western Art History. 3 Hours. HT AE42/GE3H / H. A chronological survey of Western art and architecture, including the ancient Near East, Europe from antiquity to the present, and North America from the colonial period to the present. The course emphasizes major historical and cultural developments, analyzes key art works and monuments, and introduces basic art historical principles and analytical methods. The course is offered at the 100 and 300 levels, with additional reading and writing assigned at the 300 level. Intended for non-majors. Does not count toward the 30 required hours in the major. Not open to students with credit in HA 100, HA 103, HA 150, HA 151, HA 160, HA 161, or HA 303. LEC.

HA 303. Introduction to Western Art History, Honors. 3 Hours. HT / H. A chronological survey of Western art and architecture, including the ancient Near East, Europe from antiquity to the present, and North America from the colonial period to the present. The course emphasizes major historical and cultural developments, analyzes key art works and monuments, and introduces basic art historical principles and analytical methods. The course is offered at the 100 and 300 levels, with additional reading and writing assigned at the 300 level. Intended for non-majors. Does not count toward the 30 required hours in the major. Not open to students with credit in HA 100, HA 103, HA 150, HA 151, HA 160, HA 161, or HA 300. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

HA 305. Special Study: _____, 1-6 Hours. H. This course is designed for the study of special topics in art history, including courses taken in the study abroad program. May deal with individual artists, special themes, or other topics not generally covered in courses offered by the department. May be repeated for credit if content varies. LEC.

HA 307. Directed Readings. 1-6 Hours. U. Supervised study and research into special fields of art of particular interest to the student. Weekly consultation and reports. LEC.

HA 310. The Art and Architecture of Florence and Paris. 3 Hours. H. Taught in the Humanities and Western Civilization Program Abroad, this course examines the major movements that defined and shaped the art and architecture of Florence and Paris, with special attention to the Renaissance in Florence and the Gothic and modern periods in Paris. Through classroom lectures, readings, and visits to museums, churches, and other historic sites, selected works of art and architecture are analyzed in terms of their formal qualities, iconography, and cultural context. Prerequisite: Approval for enrollment in the Humanities and Western Civilization Study Abroad program through the KU Office of Study Abroad. LEC.

HA 311. The Art and Architecture of the British Isles. 3 Hours. H. Taught in the British Summer Institute in the Humanities Study Abroad program, this course offers an introductory survey of British art and architecture. Through classroom lectures, readings, and visits to museums, churches, and other historic sites, selected works of art and architecture are analyzed in terms of their formal qualities, iconography, and cultural context. Prerequisite: Approval for enrollment in the British Summer Institute in the Humanities Study Abroad program through the KU Office of Study Abroad. LEC.

HA 315. The Prehistory of Art. 3 Hours. S. A survey of prehistoric art focusing on the material record and interpretations of rock art (paintings, engravings on rock surfaces in rock-shelters, caves and in open air sites) and portable art created by prehistoric people. The emphasis is on the small-scale societies (hunter-gatherer and early food producers) around the world before the appearance of written records in respective geographic areas. Environmental, social and cultural contexts in which these art forms were created are discussed along with a review of past scholarship and current interpretive approaches to this old and enduring expression of human creativity. Course may be offered in lecture or online format. (Same as ANTH 315.) LEC.

HA 317. Greek and Roman Art. 3 Hours. H/W. A survey of the art of ancient Greece and Rome (ca. 1000 B.C.E. - 500 C.E.). Emphasis on major sites, architecture, sculpture, and painting. Illustrated lectures and discussion; use of the Wilcox Classical Museum. No knowledge of Greek or Latin is required. Not open to students who have taken both CLSX 526/HA 526 and CLSX 527/HA 537, except with permission of the instructor. (Same as CLSX 317, HWC 317.) LEC.
HA 330. Italian Renaissance Art. 3 Hours. GE3H / H/W.
A survey of the art and architecture of Italy from c. 1300 to 1550. Special emphasis is placed on regional styles and the private, political, and devotional contexts in which works of art and architecture functioned. Some of the artists whose works are considered are Giotto, Duccio, Donatello, Botticelli, Leonardo, and Michelangelo. LEC.

HA 353. Modern and Contemporary African Art. 3 Hours. H.
In this course, we examine the development of artistic modernisms in Africa in historical context. We also study the content, production, patronage, and display of modern and contemporary African art. In doing so, we consider African artists' engagement with modernity, globalization, and contemporary issues, as well as interrogate influential myths and assumptions regarding African artists and the work they produce. Course themes include the workshop as a critical site, independence movements and the creation of national art forms, art as global commodity, and art in resistance, remembrance, and revolution. (Same as AAAS 353.) LEC.

HA 369. Introduction to Korean Painting. 3 Hours. NW / H.
A history of Korean painting from the 4th through the 19th centuries. An examination of tomb murals, Buddhist painting, landscape, genre painting, portraiture, documentary painting, and decorative symbolic imagery. Lectures and discussion focus on artistic style and cultural context. Completion of HA 266, HA 269 or ECIV 104 is recommended. LEC.

HA 370. American Art. 3 Hours. H.
A survey of American painting, sculpture, and architecture from colonial to recent times. Prerequisite: HA 100, HA 151, or the equivalent, or consent of instructor. LEC.

HA 376. West African Art. 3 Hours. NW / H/W.
Introduction to the rich visual art traditions of West Africa. Emphasis is given to the major art-producing cultures of the Western Sudan and the Guinea Coast, including the pre-historic cultures of Nigeria, Mali, and Ghana. The diverse forms of figure sculptures and masquerade performance and meanings of these arts in historical and cultural contexts are examined. (Same as AAAS 376.) LEC.

HA 380. History of Photography. 3 Hours. H.
An introduction to the history of photography as a means of artistic expression and visual communication. Special attention is placed on the relation between developments in photography and the artistic and cultural context of the time. LEC.

HA 390. Special Study in African Art: ____. 1-6 Hours. H.
This course is designed for the study of special topics in African art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. LEC.

HA 391. Special Study in Asian Art: ____. 1-6 Hours. H.
This course is designed for the study of special topics in Asian art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. LEC.

HA 392. Special Study in Ancient Art: ____. 1-6 Hours. H.
This course is designed for the study of special topics in ancient art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. LEC.

HA 393. Special Study in Medieval Art: ____. 1-6 Hours. H.
This course is designed for the study of special topics in medieval art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. LEC.

HA 394. Special Study in Renaissance Art: ____. 1-6 Hours. H.
This course is designed for the study of special topics in Renaissance art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. LEC.

HA 395. Special Study in Baroque Art: ____. 1-6 Hours. H.
This course is designed for the study of special topics in Baroque art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. LEC.

HA 396. Special Study in American Art: ____. 1-6 Hours. H.
This course is designed for the study of special topics in American art. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. LEC.

HA 397. Special Study in Modern Art: ____. 1-6 Hours. H.
This course is designed for the study of special topics in modern art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. LEC.

HA 467. Art and Culture of Japan, Honors. 3 Hours. NW / H/W.
Honors version of HA 267, requiring additional readings and writing assignments. An introduction to the arts of Japan in historical and cultural context. Basic principles and problems of the visual arts are analyzed, as are the major historical trends and periods. Prerequisite: Membership in the University Honors Program or permission of the instructor. Not open to freshmen or students with credit in HA 267. LEC.

HA 468. Art and Culture of China, Honors. 3 Hours. NW / H/W.
Honors version of HA 268, requiring additional readings and writing assignments. An introduction to the arts of China in historical and cultural context. Basic principles and problems of the visual arts are analyzed, as are the major historical trends and periods. Prerequisite: Membership in the University Honors Program or permission of the instructor. Not open to freshmen or students with credit in HA 268. LEC.

HA 469. Art and Culture of Korea, Honors. 3 Hours. NW / H/W.
Honors version of HA 269, requiring additional readings and writing assignments. An introduction to the arts of Korea in historical and cultural context. Basic principles and problems of the visual arts are analyzed, as are the major historical trends and periods. Prerequisite: Membership in the University Honors Program or permission of the instructor. Not open to freshmen or students with credit in HA 269. LEC.

HA 482. Japanese Painting. 3 Hours. NW / H.
A survey covering the development of Japanese painting from the Kofun period down to the early twentieth century. Topics will include Buddhist and other religious paintings, narrative handscrolls, suibokuga, decorative screens, genre paintings and ukiyo-e prints, and western-style paintings of the Meiji and Taisho periods. Work requirements will be greater for students enrolled at the 700 level than at the 400 level. Prerequisite: HA 265, or HA 267, or consent of instructor. LEC.

HA 488. Chinese Painting, Honors. 3 Hours. NW / H/W.
A survey of the development of painting in China, beginning with the earliest forms of figural and landscape depiction. Emphasis will be placed on the major painting traditions of the Song, Yuan, Ming, and Qing Dynasties. Prerequisite: One of the following four courses: HA 150, HA 265, HA 266, or ECIV 104; and membership in the University Honors Program or permission of the instructor. LEC.

HA 498. Honors Essay in Art History. 3 Hours. AE61 / H.
Required for departmental honors. A course of directed research and the preparation of a paper on an art history topic, supervised by a professor.
Prerequisite: A grade-point average of 3.5 in art history and 3.25 in all courses, and consent of a major advisor and supervising professor. IND.

HA 500. Prints and Printmakers. 3 Hours. H.
The major historical achievements in the field of printmaking, the artists who produced prints, and the impact of their work on the visual arts. Lectures supplemented by work with original material. Prerequisite: An introductory course in Western art history at the college level and three further hours of history of art or consent of instructor. LEC.

HA 503. Japanese Prints. 3 Hours. NW / H.
A study of the major artists and schools of the Japanese print, especially in their technical and stylistic developments and in their relation to the culture of Japan in the Edo period. Prerequisite: A survey of Asian or Japanese art, or consent of instructor. LEC.

HA 505. Special Study: ______. 1-6 Hours. H.
This course is designed for the study of special topics in art history on a trial basis, open to both undergraduate and graduate students. Prerequisite: An introductory-level course in art history, appropriate to the specific special study topic; or consent of instructor. LEC.

HA 506. Early Medieval and Romanesque Art. 3 Hours. H.
This course examines the art of Europe from the Early Christian era through the Romanesque period, up to 1200. Architecture, sculpture, manuscript illumination, metalwork and painting are explored in relation to their political, religious and social contexts. Graduate students can expect to complete additional reading and writing assignments. Prerequisite: HA 100 or HA 150, or permission of the instructor. LEC.

HA 507. Gothic Art. 3 Hours. H.
This course examines the art of Europe during the Gothic period, from 1140-1500. Architecture, sculpture, manuscript illumination, metalwork, painting and furniture are explored in relation to their political, religious and social contexts. Graduate students can expect to complete additional reading and writing assignments. Prerequisite: HA 100 or HA 150, or permission of instructor. LEC.

HA 508. The Italian Renaissance Home. 3 Hours. H.
This course explores the history of domestic art and architecture in Italy, with a special emphasis on Florence, from c. 1350 to 1600. Palace architecture, religious works made for private devotions, the increasing use of mythological themes in painting and sculpture, birth trays, painted cassoni, majolica, and various types of portraiture are examined within the contexts of contemporary theories of virtue and magnificence, the rituals of marriage and childbirth, the public and private promotion of political and personal agendas, and changing tastes. In addition to acquiring an in-depth knowledge of the artistic and architectural milieu of Italian Renaissance homes and expanding their cultural understanding, students enrolled in this course engage in a series of assignments designed to build and hone their reading, critical thinking, visual analysis, research, and writing skills. The same assignments allow students to integrate their knowledge of and to think creatively about the period, objects, and buildings in question. A high expectation of class participation and the opportunity to present their research provide students with the opportunity to build and strengthen their oral communications skills. Prerequisite: HA 100, HA 150, HA 151, HA 330, or the equivalent, or consent of instructor. LEC.

HA 525. Aegean Archaeology and Art. 3 Hours. H/W.
An interdisciplinary survey of the major cultures of the prehistoric Aegean (Greek) world from the Neolithic period to the end of the Bronze Age (ca. 3000-1100 B.C.E.), with special emphasis on the cultural and artistic achievements of the Mycenaeans, Minoans, and Cycladic islanders, including their contacts with the neighboring cultures of Anatolia (Hittites and Troy), the Levant, Egypt, and South Italy. Includes lecture with slides and discussion. For advanced undergraduates with backgrounds in the humanities and for graduate students (especially in Classics and History of Art). No knowledge of Greek or Latin is required. (Same as CLSX 525.) LEC.

HA 526. Greek Archaeology and Art. 3 Hours. H.
An interdisciplinary survey of the material culture of the ancient Greek world from the Protogeometric period to the end of the Hellenistic age (ca. 1100 - 30 B.C.E.), with an emphasis on the major sites, monuments, and changing forms of social and artistic expression (architecture, sculpture, vase painting, and other arts). Includes lectures with slides and discussion; use of the Wilcox Museum of Classical Antiquities. No knowledge of Greek or Latin is required. For advanced undergraduates and graduate students with backgrounds in the humanities; and for graduate students (especially those in History of Art and Classics). (Same as CLSX 526.) LEC.

HA 527. Late Medieval Art in Italy. 3 Hours. H.
This course examines the history of paintings, sculptures and buildings produced in Italy from c. 1250 to 1400. Important individual works, artists, and decorative complexes, such as Giotto’s Scrovegni (Arena) Chapel, are analyzed in terms of their stylistic, geographical, social, historical, devotional, and literary contexts. Current theories and controversies pertinent to the history and study of 13th- and 14th-century Italian art are also addressed. Prerequisite: HA 100, HA 150, or the equivalent, or consent of instructor. LEC.

HA 529. Archaeology and Art of the Ancient Near East. 3 Hours. H.
A cross-cultural survey of the material remains of the major civilizations of the ancient Near East, including Anatolia, Mesopotamia, the Levant, and Egypt from Neolithic period to the rise of the Roman empire (ca. 6000 B.C.E. - 30 B.C.E.). Includes lectures with slides and discussion. For advanced undergraduates with backgrounds in the humanities and for graduate students (especially in Classics and History of Art). No knowledge of Greek or Latin is required. (Same as CLSX 529.) LEC.

HA 530. Renaissance Art in Italy: The 15th Century. 3 Hours. H/W.
The focus of this course is the history of Italian painting, sculpture, and architecture from 1400 to 1500. Special emphasis is placed on the diverse artistic styles and functions of works of art, as well as on the artists and patrons that produced them. Domestic art and the art and architecture of the 15th-century Italian courts are also discussed. Prerequisite: HA 100, HA 150, or the equivalent, or consent of instructor. LEC.

HA 531. Renaissance Art in Italy: The 16th Century. 3 Hours. H.
This course explores the history of Italian painting, sculpture, and architecture from c. 1500 to 1600. It focuses on the artistic centers of Florence, Rome, Parma, and Venice. Some of the artists whose works is considered are Leonardo, Michelangelo, Raphael, Pontormo, Titian, Cellini, and Giambologna. The history of 16th-century women patrons and artists is also addressed. Prerequisite: HA 100, HA 150, HA 151, or the equivalent, or consent of instructor. LEC.

HA 532. Michelangelo. 3 Hours. H.
During the sixteenth century, the writer Ludovico Ariosto described the Florentine artist Michelangelo Buonarroti (1475-1564) as “divine.” Since that time more has been written about Michelangelo than any other artist of the Italian Renaissance. His ability to work in diverse media, namely painting, sculpture, and architecture, as well as the power of his works, earned him this prominent position in the history of art and made him one of the most influential artists of the early modern period. This course will trace various aspects of Michelangelo’s work, sometimes troubled, and vibrant career, focusing on issues such as his techniques, patrons, and the innovative style of his works. Special emphasis will be placed on interpreting primary sources to understand better his life and works and place them within their artistic, historical, social, and religious contexts.
Prerequisite: HA 100, HA 150, HA 151, HA 330, or the equivalent, or consent of instructor. LEC.

HA 533. European Art 1789-1848: Gender and Revolution. 3 Hours. H.
This course will analyze painting in Europe from the late 18th century to the mid-19th century. Particular attention will be paid to the ways in which images represent and/or repress such themes as politics, history, gender, ethnicity, race, and class. Assigned readings present a variety of methodological perspectives—social-historical, feminist, formalist, and psychoanalytic. Graduate students may be expected to complete additional reading and writing assignments. Prerequisite: HA 100, HA 151, or the equivalent, or consent of instructor. LEC.

HA 534. Art in France 1848-1900: Modernisms. 3 Hours. H.
This course will examine painting in France from 1848 to 1900 with particular emphasis given to the visual articulation and/or repression of such constructs as gender, race, history, and ethnicity. Assigned readings present a variety of methodological perspectives—social-historical, feminist, formalist, and psychoanalytic. Graduate students may be expected to complete additional reading and writing assignments. Prerequisite: HA 100, HA 151, or the equivalent, or consent of instructor. LEC.

HA 536. Islamic Art and Architecture in Africa. 3 Hours. H.
Study of Islamic art and architecture in various cultural and geographical settings, from the first mosques of North African and the Swahili coast to contemporary Islamicized masquerades in West Africa. We consider art objects and architectural sites in terms of religious practice, trade and commerce, ritual and political power, and contemporary expression. (AAAS 536.) Prerequisite: AAAS 102, AAAS 103, HA 100, or HA 150; or permission of instructor. LEC.

HA 537. Roman Archaeology and Art. 3 Hours. H/W.
An interdisciplinary survey of the material culture of ancient Rome from its origins to the late empire (8th c.B.C.E. - 4th c.C.E.). Emphasis on major sites, monuments, and changing forms of social and artistic expression, as well as on Etruscan and Greek influence on Rome and Rome's influences on its provinces. Includes lectures with slides and discussion; use of the Wilcox Museum of Classical Antiquities. No knowledge of Greek or Latin is required. For advanced undergraduates and graduate students with backgrounds in the humanities; and for graduate students (especially those in History of Art and Classics). (Same as CLSX 527.) LEC.

HA 538. Pompeii and Herculaneum. 3 Hours. H.
An interdisciplinary treatment of the art and archaeology of the ancient Roman cities of Pompeii and Herculaneum in Italy. Emphasis on the structures and decorations of major public spaces and houses and on aspects of cultural, social, political, commercial, and religious life from the period of the second century B.C.E. to 79 C.E., when Pompeii and Herculaneum were buried by the eruption of Mt. Vesuvius. Slide lectures and discussion. (Same as CLSX 538, HWC 538.) Prerequisite: Graduate status, or 6 credit hours in Classics, Greek, Latin, History of Art, or permission of the instructor. LEC.

HA 539. History of Japanese Buddhist Art. 3 Hours. H.
A survey of the Buddhist art of Japan that begins with the introduction of Buddhism in the sixth century and ends with contemporary Buddhist art. Students will also consider how Buddhist images function as part of the living religious tradition in Japan. Prerequisite: A survey of either Asian art, Japanese art, Asian religions, Japanese culture, or consent of instructor. LEC.

HA 545. Early Chinese Art. 3 Hours. NW / H.
A survey of Chinese art from Neolithic times through the Han Dynasty (ca. 200 C.E.). Emphasis will be placed on recent archaeological excavations and also on the development of bronze vessels of the Shang and Zhou Dynasties. Prerequisite: A college level introduction to Asian art history, or consent of instructor. LEC.

HA 546. Chinese Sculpture. 3 Hours. H.
A survey of Chinese sculpture from the Shang dynasty through the Song dynasty (1600 BCE-1279 CE), focused on sculptural programs in native funerary art and Buddhist temples and cave-shrines. LEC.

HA 548. Buddhist Scriptures in Chinese Painting. 3 Hours. H.
Examination of Chinese paintings based on the major Buddhist scriptures (sutras) popular in China from the 8th century through the early modern period. Readings include selections from the sutras (in translation). Emphasis is placed on the cultural and religious reasons why certain scriptural themes were selected for representation and on the distinctively Chinese interpretation of these themes in pictorial art. Prerequisite: One of the following: HA 265, HA 266, HA 585, ECIV 104, REL 106. LEC.

HA 549. Chinese Painting. 3 Hours. H.
An introductory survey of painting in China from the 7th to the 19th centuries. Prerequisite: One course in art history, or in East Asian languages cultures; or consent of instructor. LEC.

HA 564. European Art, 1900-1945. 3 Hours. H.
A detailed survey of modern European art from the turn of the century through World War II. Movements to be considered may include post-impressionism, cubism, constructivism, dada, and surrealism. Graduate students may be expected to do additional reading and writing assignments. Prerequisite: HA 100, HA 151, or the equivalent, or consent of instructor. LEC.

HA 565. Art Since 1945. 3 Hours. H.
An international survey of modern and postmodern art since 1945. Topics to be covered may include abstract expressionism, pop, minimalism, happenings, and performance art, earth works, conceptual art, feminist art, photo-realism, crafts, and new media. Graduate students may be expected to complete additional reading and writing assignments. Prerequisite: HA 100, HA 151, or the equivalent, or consent of instructor. LEC.

HA 566. Art From 1945 to the 1980's: Modernism to Post-Modernism. 3 Hours. H.
An international survey of modern and post-modern art from World War II to the 1980s. Topics may include abstract expressionism, pop art, minimalism, happenings and performance art, earth works, conceptual art, feminist art, photo-realism, the craft revival, and new media. Graduate students may be expected to complete additional reading and writing assignments. Prerequisite: HA 100, HA 151 or the equivalent, or consent of instructor. LEC.

HA 567. Contemporary Art. 3 Hours. H.
An examination of recent developments internationally in art and visual culture. Emphases may include consideration of diverse critical perspectives, theoretical debates, post- and trans-national art, the impact of new media, and the internationalization of institutions, exhibitions, audiences, and markets. Graduate students may be expected to complete additional reading and writing assignments. Prerequisite: HA 100, HA 151, or the equivalent, or consent of instructor. LEC.

HA 570. American Art. 3 Hours. H.
A survey of American painting, sculpture, and architecture from colonial times to the present. (Same as AMS 580.) Prerequisite: An introductory course in Western art history at the college level. LEC.

HA 571. Modern Sculpture. 3 Hours. H.
A survey of avant-garde sculpture in Europe and America from the late 19th century to recent times. Attention will focus on the work of major
A survey of major artists and movements in painting, sculpture, and allied arts, from the period of initial European settlement to the mid-19th century. Consideration will be given to developments in portraiture, history painting, landscape, still-life, statuary, and decorative arts. Attention will be paid both to formal developments and to cultural context. Graduate students may be expected to complete additional reading and writing assignments. Prerequisite: HA 100, HA 151, or the equivalent, or consent of instructor. LEC.

HA 584. Kansas Art, History, and Popular Culture. 3 Hours. H.
An overview of the art and cultural history of Kansas (and Kansas City) from territorial days to the present. Emphasis is placed on key issues, figures and events. A general familiarity with American history is recommended. (Same as FMS 414). LEC.

HA 585. The Art of Buddhism. 3 Hours. NW / H/W.
A survey of the Buddhist arts (architecture, sculpture, and painting) of India, China, and Japan. LEC.

HA 587. Japanese Sculpture. 3 Hours. NW / H.
A survey of Japanese sculpture from the Kofun period (300-700 C.E.) to the present day. Emphasis is placed on works of Buddhist sculpture from the 7th through the 13th centuries. Prerequisite: An introductory course in Asian art history or consent of instructor. LEC.

HA 588. Modern and Contemporary Visual Arts of Japan. 3 Hours. H.
This course covers Japanese visual arts from the Meiji era (1868-1912) through the present day. The course is designed thematically as well as chronologically, and examines painting, sculpture and architecture focusing on both socio-political contexts and artistic concerns that emerged at certain times in recent Japanese history. The aim of this course is to provide first-hand knowledge of Japanese modern and contemporary visual arts as well as an in-depth consideration of some of the key issues attached to Japans modernization and modernity. Prerequisite: A survey of Japanese art, or modern art, or consent of instructor. LEC.

HA 589. Japanese Artistic Encounters with Europe and the United States. 3 Hours. NW / H.
Consideration of Japanese artistic responses to visual culture from Europe and the United States. The course focuses upon Japanese art from the 18th century to the present. Prerequisite: A college-level introduction to Asian art history or consent of instructor. LEC.

HA 590. Special Study in African Art: ______. 1-6 Hours. H.
This course is designed for the study of special topics in African art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history or African Studies, or consent of the instructor. LEC.

HA 591. Special Study in Asian Art: ______. 1-6 Hours. H.
This course is designed for the study of special topics in Asian art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history or Asian Studies, or consent of the instructor. LEC.

HA 592. Special Study in Ancient Art: ______. 1-6 Hours. H.
This course is designed for the study of special topics in ancient art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in Art History or Classics, or consent of the instructor. LEC.

HA 593. Special Study in Medieval Art: ______. 1-6 Hours. H.
This course is designed for the study of special topics in medieval art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history, or consent of the instructor. LEC.
HA 594. Special Study in Renaissance Art: ______. 1-6 Hours. H.
This course is designed for the study of special topics in Renaissance art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history, or consent of the instructor. LEC.

HA 595. Special Study in Baroque Art: ______. 1-6 Hours. H.
This course is designed for the study of special topics in Baroque art, including courses taken through study abroad. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history, or consent of the instructor. LEC.

HA 596. Special Study in American Art: ______. 1-6 Hours. H.
This course is designed for the study of special topics in American art. May be repeated for credit if content varies. Same topic may not be taken at both the 300 and 500-levels. Prerequisite: An appropriate introductory-level course in art history, or consent of the instructor. LEC.

HA 597. Special Study in Modern Art: ______. 1-6 Hours. H.
This course is designed for the study of special topics in modern art, including courses taken through study abroad. May be repeated for credit if content varies. Prerequisite: An appropriate introductory-level course in art history, or consent of the instructor. LEC.

HA 600. Biography of a City: ______. 3 Hours. H/W.
An interdisciplinary study of a city, covering its history, literature, and arts during the periods when the city's culture reached its height. LEC.

HA 676. West African Art. 3 Hours. NW / H/W.
Introduction to the rich visual art traditions of West Africa. Emphasis is given to the major art-producing cultures of the Western Sudan and the Guinea Coast, including the archaeological cultures of Nigeria, Mali, and Ghana. The diverse forms of figure sculptures and masquerade performance and the meanings of these arts in historical and cultural contexts are examined. Upper division and graduate students can enroll for this course with appropriate course requirements. Not open to students who have taken AAAS 376/HA 376. (Same as AAAS 676.) LEC.

HA 677. African Design. 3 Hours. NW / H/W.
A survey of sub-Saharan African media, emphasizing textiles, ceramics, metal and bead work, the artist's techniques, working methods and apprenticeship, and historical and contemporary cultural contexts, including the influence of tourism and the international art market on artistic production and style. Open to juniors, seniors, and graduate students only. (Same as AAAS 677.) Prerequisite: AAAS 376 or HA 376, or AAAS 578 or HA 578, or an introductory course in art history at the college level, or consent of instructor. LEC.

HA 679. African Expressive Culture: ______. 3 Hours. NW / H/W.
An in-depth examination of an artistic tradition shared by a number of African cultures. Discussion includes historical development related to style, use and meaning and other relevant issues critical to the topic. Open to juniors, seniors, and graduate students only. (Same as AAAS 679.) Prerequisite: AAAS 376 or HA 376, or AAAS 578 or HA 578, or an introductory course in art history at the college level, or consent of instructor. LEC.

HA 704. Seminar on Christian Iconography. 3 Hours.
A study of subject matter in the visual arts and of modes of representing certain themes and categories of ideas and meanings in the history of art. Prerequisite: Nine hours of history of art and knowledge of a foreign language. LEC.

HA 705. Major Artist: ______. 1-3 Hours.
The study in detail of a single artist or of an artist and his school or shop. Prerequisite: An introductory course in Western art history at the college level and the 400-level course in the period in which the artist's work falls. LEC.

HA 706. Seminar on Special Problems in Art History: ______. 1-6 Hours.
Seminar dealing with particular art historical problems of a special and specific nature. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 707. Directed Readings. 1-6 Hours.
Supervised study and research into special fields of art of particular interest to the student. Weekly consultations and reports. RSH.

HA 710. Museum Techniques and Functions. 3 Hours.
Primarily for graduate students interested in pursuing a career in art museum work. The development of the museum idea, the activities of the art museum, as well as practical experience in the various fields of art museum curatorship and public activity are among the areas studied. LEC.

HA 712. Directed Museum Study. 1-6 Hours.
Supervised study and research projects related to art works in the permanent collections or special exhibitions of local museums of art. Planned in consultation with a faculty member and the director of the museum. RSH.

HA 715. Seminar in African Art. 3 Hours.
A concentrated study of a special topic relating to African Art studies. Different topics are offered in different semesters. (Same as AAAS 715.) Prerequisite: Nine hours of Art History and/or consent of instructor. LEC.

HA 716. Art of the Early Middle Ages in the West. 3 Hours.
A pro-seminar in the art of the West from the Migration Period through the art of the Carolingian Empire. LEC.

HA 719. Art Histories: Theory and Methodology. 3 Hours.
This course examines the major methodologies and theories that have shaped and continue to shape the field of art history. Through critical reading of primary, secondary, and interpretive texts, the course will analyze closely the history and current state of the discipline. Prerequisite: Nine hours of History of Art or consent of instructor. LEC.

HA 723. Romanesque Art. 3 Hours.
A study of Western European sculpture, painting, and architecture from the period of the Migrations, through the so-called “Dark Ages” to the creation of the Gothic style. Prerequisite: A survey of Medieval art. LEC.

HA 725. The Gothic Cathedral. 3 Hours.
The development and spread of Gothic architecture and sculpture in France, England, Spain, and Germany. Prerequisite: A college level introduction to Medieval art history. LEC.

HA 745. Dutch and Flemish Painting of the 17th Century. 3 Hours.
A detailed study of the art of Hals, Rembrandt and Vermeer, on the one hand, and of Rubens and Van Dyck on the other. Prerequisite: A survey of Northern Baroque art or consent of instructor. LEC.

HA 782. Japanese Painting. 3 Hours.
A survey covering the development of Japanese painting from the Kofun period down to the early twentieth century. Topics will include Buddhist and other religious paintings, narrative handscrolls, suibokuga, decorative screens, genre paintings and ukiyo-e prints, and Western-style paintings of the Meiji and Taisho periods. Work requirements will be greater for students enrolled at the 700 level. Prerequisite: HA 265, or HA 267, or consent of instructor. LEC.
HA 788. Proseminar in Japanese Art. 3 Hours.
Critical analysis of readings on selected topics in Japanese art. May be repeated for credit up to a maximum of 12 hours. Prerequisite: Consent of instructor. LEC.

HA 789. Proseminar in Chinese Art. 3 Hours.
Critical analysis of readings on selected topics in Chinese art. May be repeated for credit up to a maximum of 12 credit hours. Prerequisite: Consent of instructor. LEC.

HA 805. Seminar in Graphic Arts: _____ 3 Hours.
A concentrated study of one or more artists, techniques, or movements. Different topics are offered in different seminars. May be repeated for credit up to a maximum of 12 credit hours. Prerequisite: A course in graphic art, or in a discipline related to the field of the seminar. LEC.

HA 808. Problems in Connoisseurship West: _____ 3-6 Hours.
The analysis of the work of a specific artist, medium or period, and developing a knowledge of the methods and means of establishing standards of quality and authorship. Includes study in Spencer and/or Nelson Museums. Prerequisite: Nine hours of art history and a reading knowledge of a pertinent foreign language. LEC.

HA 822. Seminar in Buddhist Art: _____ 3 Hours.
A concentrated study of selected problems dealing with Buddhist art in Asia. Different topics are offered in different seminars. May be repeated for credit up to a maximum of twelve hours. Prerequisite: Reading knowledge of Chinese or Japanese and consent of instructor. LEC.

HA 824. Seminar in Edo Period Painting: _____ 3 Hours.
Special study of one or more schools of painting of the Edo period (1615-1868) in Japan. Individual works will be analyzed in depth. Prerequisite: A course in Japanese painting. LEC.

HA 870. Seminar in Photographic History: _____ 3 Hours.
Advanced study of photographic images as made and used in the nineteenth and twentieth centuries. Requires primary research. Prerequisites include study of nineteenth century history of art. Specific topics vary. LEC.

HA 898. Franklin Murphy Seminar in Art History: _____ 3 Hours.
This seminar is given each spring by the Murphy Lecturer of the year and includes two weeks of intensive study with a nationally known expert in a special field of art history. The other weeks of seminar meetings for the seminar are conducted by the faculty member most closely specialized in this field. Prerequisite: Consent of supervising faculty member. LEC.

HA 899. Thesis. 1-6 Hours.
THE.

HA 906. Seminar on Special Problems in Art History: _____ 1-6 Hours.
Seminar dealing with particular art historical problems of a special and specific nature. Different topics are offered in different seminars. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 907. Directed Readings in Art. 1-12 Hours.
Supervised study and research into special fields of art of particular interest to the student. Weekly consultation and reports. Prerequisite: Nine hours of art history and a reading knowledge of a pertinent foreign language. RSH.

HA 910. Curatorial Problems: 3-8 Hours.
Primarily for the graduate student interested in art museum work. The student will engage in specialized research related to museum activities resulting in either a research paper, an exhibition, or a catalogue of some portion of the museum's holdings. Prerequisite: Nine hours of history of art and a reading knowledge of a pertinent foreign language. LEC.

HA 920. Seminar in Early Medieval Art: _____ 3 Hours.
A study of selected problems dealing with the art of the early Middle Ages. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 925. Seminar in Late Medieval Art: _____ 3 Hours.
A study of selected problems dealing with the art of the later Middle Ages. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 930. Seminar in Italian Renaissance Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 935. Seminar in Northern Renaissance Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 940. Seminar in 17th Century Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 950. Seminar in 18th Century Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 955. Seminar in 19th Century Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 960. Seminar in 20th Century Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 965. Seminar in American Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 970. Seminar in Photography and Fine Art: _____ 3 Hours.
Advanced study of the relationships between photographic images, prints, painting, mass media, illustration, and other forms of visual expression. Specific periods and areas of emphasis will vary. Prerequisite: Advanced study of nineteenth century history of art. LEC.

HA 980. Seminar in Chinese Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 990. Seminar in Japanese Art: _____ 3 Hours.
A concentrated study of one or two artists, monuments or movements. Different topics are offered in different semesters. May be repeated for credit up to a maximum of 12 credit hours. LEC.

HA 999. Doctoral Dissertation. 1-12 Hours.
THE.
History Courses

HIST 101. Introduction to History: _____, 3 Hours. HT GE11 / H.
An introduction to the study of history. The course will expose the student to the major issues and methods of historical study. This will be done through the study of a specific historical period or topical area. In the study of this period or topic, students will be introduced to schemes of interpretation, critical readings and analysis, primary sources, and evaluation of evidence. LEC.

HIST 102. Introduction to History, Honors: _____, 3 Hours. HT / H.
An introduction to the study of history. The course will expose the student to the major issues and methods of historical study. This will be done through the study of a specific historical period or topical area. In the study of this period or topic, students will be introduced to schemes of interpretation, critical readings and analysis, primary sources, and evaluation of evidence. Prerequisite: Membership in the College Honors Program or consent of department. LEC.

HIST 103. Environment and History. 3 Hours. H.
Nature is our oldest home and newest challenge. This course surveys the environmental history of the earth from the extinction of the dinosaurs to the present with a focus on the changing ecological role of humans. It analyzes cases of ecological stability, compares cultural attitudes toward nature, and asks why this ancient relationship seems so troubled. (Same as EVRN 103.) LEC.

HIST 104. Introduction to African History. 3 Hours. NW GE11/GE3H / H/W.
An introduction to important historical developments in Africa mainly south of the Sahara. Topics will include early history, empires, kingdoms, and city-states, the slave trade, southern Africa, partition and colonialism, the independence era, military and civilian governments, and liberation movements. Approaches will include literature, the visual arts, politics, economics, and geography. (Same as AAAS 105.) LEC.

HIST 105. Introduction to Ancient Near Eastern and Greek History. 3 Hours. NW GE3H / H/W.
A general survey of the political, social, and economic developments of Mesopotamia, Egypt, Asia Minor, and Greece from Paleolithic times to 323 B.C. LEC.

HIST 106. Introduction to Roman History. 3 Hours. H/W.
A general survey of the political, social, and economic developments of ancient Rome from 753 B.C. to 475 A.D. LEC.

HIST 107. Introduction to the Ancient World. 3 Hours. H.
This course covers the history of the ancient Near East, Greece and Rome with emphasis on the origins of agriculture, writing, cities, empires, and democracy. Students will be introduced to schemes of interpretation, critical readings, and analysis, primary sources, and evaluation of evidence. LEC.

HIST 108. Medieval History. 3 Hours. HT GE11 / H/W.
The history of Europe from the Barbarian Invasions to the beginning of the 16th century. LEC.

HIST 111. Introduction to African History, Honors. 3 Hours. NW / H/W.
An intensive version of AAAS 105/HIST 104. An introduction to important historical developments in Africa, mainly south of the Sahara. Topics include early history, empires, kingdoms and city-states, the slave trade, southern Africa, partition and colonialism, the independence era, military and civilian governments, and liberation movements. Approaches include literature, the visual arts, politics, economics, and geography. Open only to students in the University Honors Program or by consent of instructor. (Same as AAAS 115.) LEC.

HIST 112. Introduction to British History. 3 Hours. H.
This course will introduce students to the concepts, issues, and methods of historical study, at the same time as it explores the main processes and events which shaped the history of Britain and its imperial dependencies. Students will be introduced to the nature and validity of different historical interpretations, and to the purpose and merit of historical writings. LEC.

HIST 113. Europe 1500-1789, Honors. 3 Hours. HT / H.
An introduction to early modern European history, with emphasis on the cultural, political, economic, and social processes and events which helped to shape the modern world: The renaissance, the rise of the nation states, the Reformation, absolutism, and constitutionalism, the Enlightenment, and the coming of the French Revolution. Not open to students who have taken HIST 114. This Honors course is a Humanities Historical Studies Principal Course. Prerequisite: Membership in the College Honors Program or consent of department. LEC.

HIST 114. Renaissance to Revolution: Europe 1500-1789. 3 Hours. HT GE11 / H/W.
An introduction to early modern European history, with emphasis on the cultural, political, economic, and cultural forces which have helped to shape the modern world. The renaissance, the rise of nation states, the Reformation, absolutism and constitutionalism, the Enlightenment, and the coming of the French Revolution. LEC.

HIST 115. French Revolution to the Present: Europe 1789-Present. 3 Hours. HT GE11/GE3H / H/W.
An introduction to recent European history, with emphasis on the social, political, economic, and cultural forces which have helped to create the Europe of today: the French Revolution, the romantic movement, the revolutions of 1848, nationalism, imperialism, Communism, and two World Wars, the cold war, and its aftermath. LEC.

HIST 116. French Revolution to the Present: Europe 1789 to Present, Honors. 3 Hours. HT GE11/GE3H / H.
An introduction to recent European history, with emphasis on the social, political, economic, and cultural forces which have helped to create the Europe of today: The French Revolution, the romantic movement, the revolutions of 1848, nationalism, imperialism, Communism, and two World Wars, the cold war and its aftermath. Not open to students who have taken HIST 115. This Honors course is a Humanities Historical Studies Principal Course. Prerequisite: Membership in the College Honors Program or consent of department. LEC.

HIST 117. Russia, an Introductory History. 3 Hours. HT / H/W.
A survey of the evolution of Russia from its origins to the present. The focus will be on the interaction of government and society and on internal and external pressures affecting modernization and reform, revolution, and territorial expansion. LEC.

HIST 118. History of East Asia. 3 Hours. NW AE42 / H/W.
A survey of the history of China, Japan, Korea, and other cultures in East Asia from premodern to modern times. Students are introduced to the major currents of East Asian history and historical methods used to study them. Not open to students with credit in upper division East Asian history. LEC.

HIST 119. History of East Asia, Honors. 3 Hours. NW AE42 / H/W.
A survey of the history of China, Japan, Korea, and other cultures in East Asia from premodern to modern times. Students are introduced to the major currents of East Asian history and historical methods used to study them. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

HIST 120. Colonial Latin America. 3 Hours. NW AE42/GE3H / H/W.
The principal focus is on the evolution and analysis of societies, economies, and religions of native American peoples, the impact of
Spanish and Portuguese conquests and settlement, government, trade and culture upon native civilizations, the influence of African population and culture, and the creole nature of the resulting society in the colonial period. Changes in the society and economy which presaged the movements for independence are also discussed. LEC.

HIST 121. Modern Latin America. 3 Hours. HT GE3H / W.
Students are introduced to historical analysis within the context of the emergence of national identities and the process of modernization in the region. It also discusses key processes such as urbanization and industrialization and examines social movements for reform or revolution in the 20th Century. The course compares social, cultural, economic, and political changes across a variety of countries since 1810, giving particular attention to the legacies of colonialism. In this way the course deals with interpretations of the processes and movements and major issues of Latin American historiography. LEC.

HIST 122. Colonial Latin America, Honors. 3 Hours. NW AE42/GE3H / H/W.
The principal focus is on the evolution and analysis of societies, economies, and religions of native American peoples, the impact of Spanish and Portuguese conquests and settlement, government, trade and culture upon native civilizations, the influence of African population and culture, and the creole nature of the resulting society in the colonial period. Changes in the society and economy which presaged the movements for independence are also discussed. Prerequisite: Membership in the College Honors Program or permission of instructor. LEC.

HIST 123. Modern Latin America, Honors. 3 Hours. HT GE3H / W.
Similar in content to HIST 121. Students are introduced to historical analysis within the context of the emergence of national identities and the process of modernization in the region. The course compares social, cultural, economic, and political changes across a variety of countries since 1810, giving particular attention to the legacies of colonialism. It also discusses key processes such as urbanization and industrialization and examines social movements for reform and revolution in the 20th century. In this way the course deals with interpretations of these processes and movements and major issues of Latin American historiography. Prerequisite: Membership in the University Honors Program or permission of instructor. LEC.

HIST 124. Latin American Culture and Society. 3 Hours. SC / S.
An introduction to the interdisciplinary study of Latin America, as manifest in the arts and literature, history, and in environmental, political, economic, and social realities. Explores and critiques the principal themes and methodologies of Latin American Studies, with an aim towards synthesizing contributions from several different disciplines. Emphasizes the unique insights and perspectives made possible by interdisciplinary collaboration and provides students with the basic knowledge base for understanding Latin America today. (Same as LAA 100.) LEC.

HIST 128. History of the United States Through the Civil War. 3 Hours. HT GE3H / H.
A historical survey of the United States from the peopling of the continent through the Civil War. This survey is designed to reflect the diversity of the American experience, to offer the student a chronological perspective on the history of the United States, and to explore the main themes, issues, ideas, and events which shaped that history. LEC.

HIST 129. History of the United States After the Civil War. 3 Hours. HT GE3H / H.
A historical survey of the American people from Reconstruction to the present. This survey is designed to reflect the diversity of the American experience, to offer the student a chronological perspective on the history of the United States, and to explore the main themes, issues, ideas, and events that shaped American history. LEC.

HIST 130. History of the United States Through the Civil War, Honors. 3 Hours. HT GE3H / H.
A historical survey of the United States from the peopling of the continent through the Civil War. This survey is designed to reflect the diversity of the American experience, to offer the student a chronological perspective on the history of the United States, and to explore the main themes, issues, ideas, and events which shaped that history. Not open to students who have taken HIST 128. Prerequisite: Membership in the College Honors Program or consent of department. LEC.

HIST 131. History of the United States After the Civil War, Honors. 3 Hours. HT GE3H / H.
A historical survey of the American people from Reconstruction to the present. This survey is designed to reflect the diversity of the American experience, to offer the student a chronological perspective on the history of the United States, and to explore the main themes, issues, ideas, and events which shaped that history. Not open to students who have taken HIST 129. Prerequisite: Membership in the College Honors Program or consent of department. LEC.

HIST 136. Early Science to 1700. 3 Hours. H.
Surveys the Western scientific tradition from roots in ancient Egypt, Mesopotamia, and Greece to the Scientific Revolution in seventeenth-century Europe. Focuses on the theoretical, methodological, and institutional development of the physical and bio-medical sciences. Addresses interactions of science with the technological, religious, philosophical, and social dimensions of Western culture. LEC.

HIST 137. History of Modern Science. 3 Hours. H.
Surveys the history of science from the seventeenth century to the present with study of the changing theoretical, institutional, and social character of the scientific enterprise. Addresses physical, biological, and social sciences with attention to the chemical revolution at the turn of the nineteenth century, evolutionary biology, the new physics of the early twentieth century, and the professionalization of social science. Relates scientific changes to historical developments in technology, religion, national traditions in Europe and the USA, and non-Western cultures. LEC.

HIST 140. Global Environment I: The Discovery of Environmental Change. 5 Hours. GE3H / U.
This interdisciplinary course and laboratory sections survey the foundations of environmental understanding and the process of scientific discovery from perspectives that combine the principles and methodologies of the humanities, physical, life and social sciences. Key topics include the history of environmental systems and life on earth, the discovery of biotic evolution, ecological change, and climate change. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences to earth systems and the development of environmental understanding using historical and present-day examples. (Same as EVRN 140 and GEOG 140.) LEC.

HIST 142. Global Environment II: The Ecology of Human Civilization. 5 Hours. GE3H / U.
This interdisciplinary course and its laboratory sections survey the history of humanity’s relationship with the natural world over the long term from perspectives that combine the principles and methodologies of the humanities, physical, life and social sciences. Key topics include the evolution of Homo sapiens and cultural systems; the development of hunter, gatherer, fisher, agricultural, and pastoral lifeways; the ecology of colonialism and industrial civilization, and the emergence of ideological and ethical perspectives on the relationship between nature and culture. Laboratory sections apply the principles and methodologies
of the humanities, physical, life and social sciences to the humanity’s engagement with the global environment using historical and present-day examples. (Same as EVRN 142 and GEOG 142) LEC.

HIST 144. Global Environment I: The Discovery of Environmental Change, Honors. 5 Hours. U.
This interdisciplinary course surveys the foundations of environmental understanding and the process of scientific discovery from perspectives that combine the principles and methodologies of the humanities, physical, life and social sciences. Key topics include the history of environmental systems and life on earth, the discovery of biotic evolution, ecological change, and climate change. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences to earth systems and the development of environmental understanding using historical and present-day examples. (Same as GEOG 144 and EVRN 144.) Open only to students admitted to the University Honors Program or by permission of instructor. LEC.

HIST 145. Global Environment II: The Ecology of Human Civilization, Honors. 5 Hours. U.
This interdisciplinary course and its laboratory sections survey the history of humanity’s relationship with the natural world over the long term from perspectives that combine the principles and methodologies of the humanities, physical, life and social sciences. Key topics will include the evolution of Homo sapiens and cultural systems; the development of hunter, gatherer, fisher, agricultural, and pastoral lifeways; the ecology of colonialism and industrial civilization, and the emergence of ideological and ethical perspectives on the relationship between nature and culture. Laboratory sections apply the principles and methodologies of the humanities, physical, life and social sciences to humanity’s engagement with the global environment using historical and present-day examples. (Same as EVRN 145 and GEOG 145.) Open only to students in the University Honors Program or by permission of instructor. LEC.

HIST 160. Introduction to West African History. 3 Hours. NW AE42/GE3H / H.
This course treats West African history through the first part of the 20th century. The student is provided with a perspective on the major historical patterns that gave rise to West Africa’s development as an integral part of world history. Special attention is paid to anthropological geographical, and technological developments that influenced West African political and socioeconomic changes. (Same as AAAS 160.) LEC.

HIST 177. First Year Seminar: _____ 3 Hours. HT GE11.
A limited-enrollment, seminar course for first-time freshmen, organized around current issues in history. May not contribute to major requirements in history. First year seminar topics are coordinated and approved through the Office of First Year Experiences. Prerequisite: First-time freshman status. LEC.

HIST 250. Study Abroad Topics in: ____. 1-5 Hours. H.
This course is designed for the study of special topics in History at the freshman/sophomore level. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

HIST 300. Modern African History. 3 Hours. NW AE42 / H/W.
A survey of social, political, and economic developments during the colonial era and independence struggles, followed by a closer examination of the contemporary experience in a selected country or region. (Same as AAAS 305.) LEC.

HIST 301. The Historian’s Craft. 3 Hours. H.
This course introduces students to the practice and methods of the study of history and serves as the gateway to the major. Students learn (1) to think historically; (2) to understand how historians construct and write about the past through narratives, theory and analytical discussion; (3) to critically evaluate historical arguments and the material used to substantiate those arguments, including an introduction to the process of peer review; (4) to develop writing and research skills including the interpretation of primary sources; and (5) to master professional standards of presenting their findings. This course is required of all history majors and is a prerequisite for HIST 696 Seminar in: _____ Prerequisite: Open only to declared History majors or by consent of instructor. LEC.

HIST 302. The Historian’s Craft, Honors. 3 Hours. H.
This course introduces students to the practice and methods of the study of history and serves as the gateway to the major. Students learn (1) to think historically; (2) to understand how historians construct and write about the past through narratives, theory and analytical discussion; (3) to critically evaluate historical arguments and the material used to substantiate those arguments, including an introduction to the process of peer review; (4) to develop writing and research skills including the interpretation of primary sources; and (5) to master professional standards of presenting their findings. This course, or HIST 301 - its non-honors equivalent, is required of all history majors and is a prerequisite for HIST 696 Seminar in: ____. Prerequisite: Open only to students admitted to the University Honors Program who are declared History majors, or by consent of instructor. LEC.

HIST 303. Sin Cities. 3 Hours. H.
This course offers a comparative global introduction to the history of the modern city by looking at the ways in which certain metropoli developed an attractive underbelly of decadence at the same time as they sought to be centers of refined and orderly cosmopolitan life. The course examines topics such as popular culture, gambling, prostitution, crime, violence, nightlife, tourism, and corruption in the context of the increased social mobility that characterized the beginning of the industrial age and that has extended into the 21st century. Students investigate the changing relation between work and leisure, spectacle and consumerism, and urban space and the struggle for order. LEC.

HIST 304. 1642, 1688, 1776: Three British Revolutions. 3 Hours. H.
Explains and analyzes the three revolutions in the English-speaking world which, more than any others, are held to have laid the foundations of modernity. Themes discussed include social, intellectual, and political developments, structures, and conflicts. 1642 and 1688 are treated in the setting of England’s relations with Scotland and Ireland, and against the background of European wars of religion. 1776 is analyzed in a transatlantic context as a civil war within the wider British polity. LEC.

HIST 305. The Scientific Revolution. 3 Hours. H.
Describes and analyzes the factors producing a Scientific Revolution in early-modern Europe. Focuses on fundamental changes in astronomy-cosmology, physics, and biology from Copernicus to Newton. Examines the emergence of experimental method as an essential part of Western science. Portrays the development of new forms of scientific organization and the cultural frameworks that bore and shaped them. Surveys the various interpretations of this period expressed by current historians of science. LEC.

HIST 306. Science and Western Culture. 3 Hours. H.
Analyzes the institutional, social, technological, and political circumstances of science in the Western tradition. Examines the place of science in pre-modern European settings. Emphasizes the shifting centers of national scientific prominence since the seventeenth century from Italy to Britain to France to Germany to the USA. LEC.

HIST 307. Modern African History, Honors. 3 Hours. NW AE42 / H.
An intensive version of HIST 300. A survey of social, political, and economic developments during the colonial era and independence struggles, followed by a closer examination of the contemporary
experience in a selected country or region. Open only to students admitted to the University Honors Program, or by consent of the instructor. (Same as AAAS 307.) LEC.

HIST 308. Key Themes in Modern Global History. 3 Hours. H.
A comparative historical analysis of major global developments from the late 15th century to the present. Some of the themes likely to be explored are empire-building, contact between cultures and colonial social relations; the attraction of cities, their role in a global economy and the shift to an urban world; and the impact of capitalism and industrialization on social organization including conflict between classes and changes in the nature of work. Students learn ways of interpreting primary historical documents and comparing historical investigations across time and space. Not open to students who have completed HIST 100. LEC.

HIST 309. History of Chemistry. 3 Hours. H.
Birth of modern chemical science from roots in Greek natural philosophy, alchemy, Renaissance medicine, and technology. The Chemical Revolution of Lavoisier and Dalton. Maturity of chemistry in the 19th and 20th centuries, along with an examination of the growth of chemical institutions and the rise of chemical industry. Emphasis on developments from the 18th century to the present. (Same as CHEM 309.) LEC.

HIST 310. American Culture, 1800-1876. 3 Hours. H.
An examination of the major historical shifts, trends, and conflicts that have shaped the multicultural nature of life in the United States from the initial European settlements to 1876. In addition to tracing developments in literature, architecture, drama, music, and the visual arts, this course will investigate patterns and changes in the popular, domestic, and material culture of everyday life in America. (Same as AMS 310.) Prerequisite: AMS 100 or AMS 110 or HIST 128. LEC.

HIST 311. Great Lives in Science. 3 Hours. H.
This course examines the lives of selected great scientists. Lectures and biographical readings deal with scientists who lived in the period between the seventeenth century and the present. Through comparative biography, the course assesses the theoretical, methodological, institutional, and social development of modern science. LEC.

HIST 312. American Culture, 1877 to the Present. 3 Hours. H.
An examination of the major historical shifts, trends, and conflicts that have shaped the multicultural nature of life in the United States from 1877 to the present. In addition to tracing developments in literature, architecture, drama, music and the visual arts, this course investigates patterns and changes in the popular, domestic, and material culture of everyday life in America. (Same as AMS 312.) LEC.

HIST 313. Conspiracies and Paranoia in American History. 3 Hours. H.
The theme of conspiracy is a recurring motif in American history. This course uses a case-study method to revisit episodes such as the Salem witch trials, the movement against freemasonry, the Slave Power conspiracy, and more recent obsessions such as UFOs and the assassination of John F. Kennedy to explain why so many Americans have embraced conspiracy theories to explain mysterious events and dramatic social change. The course will rely on primary accounts, fiction, and film, as well as secondary historical literature, to examine both "real" and "imaginary" conspiracies and their effects on the politics, culture, and society of the United States. LEC.

HIST 314. Globalization: History and Theory. 3 Hours. H.
Explores the rise of global capitalism in the 19th and 20th centuries, contemporary debates about 21st century globalization, and the role of globalization in our everyday lives. Questions considered include: Is globalization an incremental process that has been going on for centuries, or is it a dramatic new force reshaping the post-Cold War world? Is it a cultural and social process or an economic and political one? Or is it all of these things? Not open to students who have completed HIST 315. LEC.

HIST 315. Globalization: History and Theory Honors. 3 Hours. H.
Explores the rise of global capitalism in the 19th and 20th centuries, contemporary debates about 21st century globalization, and the role of globalization in our everyday lives. Questions considered include: Is globalization an incremental process that has been going on for centuries, or is it a dramatic new force reshaping the post-Cold War world? Is it a cultural and social process or an economic and political one? Or is it all of these things? Not open to students who have completed HIST 314. Open only to students in the College Honors Program or consent of instructor. LEC.

HIST 316. Ministers and Magicians: Black Religions from Slavery to the Present. 3 Hours. H.
This course examines the history and diversity of African American religious expression from slavery until the present, emphasizing both mainstream and alternative faiths. It covers the religious world views of enslaved Africans, and examines faiths inside and outside of Christianity. Topics may include: independent black churches, magical practices, the Holiness and Pentecostal movements, black Islam, religious freemasonry, and esoteric faiths. The class emphasizes the influence of gender, class, race, migration, and urbanization on black religion. (Same as AAAS 316 and AMS 316.) LEC.

HIST 317. African American Women: Colonial Era to the Present. 3 Hours. AE41 / H.
This interdisciplinary course covers the history of African American women, beginning in West and Central Africa, extending across the Middle Passage into the Americas, and stretching through enslavement and freedom into the 21st century. The readings cover their experiences through secondary and tertiary source materials, as well as autobiographies and letters, plays and music, and poems, novels, and speeches. (Same as AAAS 317, AMS 317, and WGSS 317.) LEC.

HIST 318. History, Women, and Diversity in the U.S.. 3 Hours. AE41 / H.
This survey course explores the history of being female in America through a focus on the ways differences in race, sexuality, ethnicity, class, and life cycle have shaped various aspects of women's lives. Themes to be explored could include, but are not limited to: social and political activism; institutional developments; family; women's communities; work; sexuality; and culture. LEC.

HIST 319. History, Women, and Diversity in the U.S.. 3 Hours. AE41 / H.
This survey course explores the history of being female in America through a focus on the ways differences in race, sexuality, ethnicity, class, and life cycle have shaped various aspects of women's lives. Themes to be explored could include, but are not limited to: social and political activism; institutional developments; family; women's communities; work; sexuality; and culture. LEC.

HIST 320. From Goddesses to Witches: Women in Premodern Europe. 3 Hours. HT GE11/GE3H / H.
This course examines the social, cultural, and political contexts of women's spirituality and their relations to gender relations in Europe from about 30,000 B.C.E. to the 16th century Protestant Reformation. Lectures move both chronologically and topically, covering such subjects as goddess-worshiping cultures, women's roles in Christian and Jewish societies, symbols of women, and male attitudes toward women. Students will be able to participate in weekly discussions of primary and secondary source readings about women. (Same as WGSS 320.) LEC.

HIST 321. From Mystics to Feminists: Women's History in Europe 1600 to the Present. 3 Hours. HT AE42/GE11/GE3H / H.
This survey of women's history in Europe looks at changing patterns of women's economic roles and family structures in preindustrial and industrial society, the importance of women in religious life, cultural assumptions underlying gender roles, and the relationship of women to political movements, including the rise of feminism. (Same as WGSS 321.) LEC.
HIST 324. History of Women and the Body. 3 Hours. H.
This course examines different notions about women and their bodies from a historical perspective. It discusses the arguments and circumstances that have shaped women's lives in relation to their bodies, and women's responses to those arguments and circumstances. This course covers a wide geographical and chronological spectrum, from Ancient societies to the present, from Latin America and the Middle East, to North America and Western Europe. (Same as WGSS 324.) LEC.

HIST 325. The Spanish Inquisition. 3 Hours. H.
A broad historical study of the Spanish Inquisition from 1478 to its afterlife in modern culture, including its use in political debates and its depiction in popular culture. Topics include anti-Semitism, the nature of the inquisitorial investigation, the use of torture, censorship and the relationship between the Inquisition, the Spanish monarchy and other religious and lay authorities. Taught in English. Will not count toward the Spanish major. (Same as JWSH 315 and SPAN 302.) LEC.

HIST 326. Native American Civilizations and their European Conquerors. 3 Hours. NW AE42/GE11/GE3H / H/W.
The societies, economies, and cultures of Native American peoples in Brazil, Peru, Mexico, and the Southwestern United States will provide the main focus of this course to understand the culture and values of those who preceded the Europeans in the Americas. European culture is also examined, including the motivations for exploration and conquest. The details of the particular conquests and how they affected the resulting composite society will also be discussed, using contemporary eye-witness accounts, films recreating the action, and modern accounts. LEC.

HIST 327. The Premodern Middle East. 3 Hours. NW AE42 / H.
A survey of the history of the Middle East from the origins of Islam in the seventh century to the rise and consolidation of the Ottoman Empire in the eighteenth century. Lectures and discussions focus on diversity within the Middle East at the height of the Islamic empires. Topics include the life of Muhammad and early Islamic communities, expansion of Islam into Asia, Africa and Europe, intellectual strength in the medieval period, and the everyday lives of women, Christians, Jews and other minority groups. LEC.

HIST 328. The Modern Middle East. 3 Hours. NW AE42 / H.
A survey of the history of the Middle East from 1800 to the present. Lectures and discussions focus on diversity within the Middle East over two centuries of major political and cultural change. Topics include causes for the decline of the Ottoman Empire, debates over modernization, European imperialism and the formation of nation-states, twentieth century cultural revolutions and women’s activism, the Arab-Israeli conflict, and the revival of Islamic social movements. LEC.

HIST 329. History of War and Peace. 3 Hours. HL / H.
A study of the changing nature of warfare and the struggle to bring about peace. Topics include pacifism, the “military revolution” that created the first professional armies; the development of diplomatic immunity, truces, and international law; the peace settlements of Westphalia, Utrecht, Vienna, Versailles, and San Francisco; the creation of peace movements and peace prizes; the evolution of total war, civil war, and guerrilla warfare involving civilians in the twentieth century; the history of the League of Nations and United Nations; and the rise of intergovernmental and non-governmental organizations. (Same as EURS 329 and PCS 329.) LEC.

HIST 330. Revolt and Revolution in Early Modern Europe. 3 Hours. H.
A study of forces giving rise to riots, rebellions, and revolution in Western Europe from 1600-1790. The course will examine social and ideological aspects of famine, religious persecution, taxation, war, landlord-peonasant relations, and the increasing power of kings. LEC.

HIST 331. Atlantic Societies, 1450-1800: A Comparative History of European Colonization. 3 Hours. H.
This course offers a comparative history of the European (Portuguese, Spanish, French, English, and Dutch) colonization of the Americas. It examines the interaction among peoples and cultures across the Atlantic, from the age of European exploration to the start of the independence movements in the Americas. Themes that will receive special attention include: comparing patterns of colonization, the forging of American societies of European, Native American, and African cultures, the slave trade, and the history of sugar production. LEC.

HIST 332. Eurometro: Visions of the European Metropolis, 1849-1939. 3 Hours. H.
This course investigates the interrelated symbols of the European metropolis during the "Age of Great Cities", from the filth of the sewers to the "filthiness" of prostitution. Students investigate gender and class in the metropolis by exploring a few stereotypes: the juvenile delinquent, the woman on the street, and the flaneur. The course format stresses discussion of common texts, including short readings of literature from the period and historical scholarship. Students also analyze contemporary photographs, art, architecture, and advertising. LEC.

HIST 333. The Great War: The History of World War I. 3 Hours. H.
A historical survey of the causes, course, and consequences of the conflict, 1878-1919, stressing its socio-economic dimensions as well as its political ramifications and military aspects. Considerable use will be made of visual aids. No prerequisites. LEC.

HIST 336. Ethics, Ideas, and Nature. 3 Hours. AE51 / H.
This course examines the ethical frameworks developed for thinking about, using, and protecting the natural world. Examples of topics include indigenous approaches to nature, the history of ecological ideas, environmental movements, the role of the state of managing resources, utilitarianism and progressivism, environmental lawmaking, wilderness advocacy, nature and theology, the rights of nature, and environmental justice. Students are introduced to the theories of duty ethics, justice ethics, utilitarianism, and right ethics, and required to apply ethical decision making to contemporary and historical environmental issues. Multiple perspectives on the history of human interactions with nature demonstrate the importance of reflecting upon the value systems inherent in human-centered environmental ethics and nature-centered environmental ethics. (Same as EVRN 336.) LEC.

HIST 337. History, Ethics, Modernity. 3 Hours. H.
This course will examine the question "How has human dignity been preserved or violated in the modern age?" Cast in a global framework, some of the probable themes are the history of human rights; the moral universe of genocide; the (in)dignity of industrial work; the shifting status of the poor and the colonized and their treatment by the state and society; the impact of changing technology on ethics in war, peace and the environment; and the violation of dignity as a factor in collective resistance. LEC.

HIST 338. African American Urban Community and Class in the Midwest. 3 Hours. H.
This course provides historical perspective on African Americans and the politics of economic class within black urban spaces from the end of Reconstruction to the post-World War II era. It focuses on the development of an upwardly mobile urban black middle class, and impoverished black urban "underclass," since the 1960s. Students are encouraged to have taken one of three courses: AAAS 104, AAAS 106, or AAAS 306. (Same as AAAS 328.) LEC.

HIST 340. The History of the Second World War. 3 Hours. H.
A survey of the origins, course, and consequences of the war, 1930-1945. Political, economic, military, and social aspects will be dealt with in the
context of their global effects. Extensive use will be made of motion pictures and other media. LEC.

HIST 341. Hitler and Nazi Germany. 3 Hours. H/W.
An examination of the rise of Hitler and Nazism, beginning with the breakdown of 19th century culture in the First World War and continuing through the failure of democracy under the Weimar Republic. The course will also discuss the impact of Nazism on Germany and how Nazism led to the Second World War and the Holocaust. LEC.

HIST 343. The Holocaust in History. 3 Hours. H.
The systematic murder of the Jews of Europe by the Nazis during World War II is one of the most important events of modern history. This course studies the Holocaust by asking about its place in history. It compares other attempted genocides with the Holocaust and examines why most historians argue that it is unique. Other topics covered include the causes of the Holocaust, the changing role of anti-Semitism, and the effects of the Holocaust on civilization. The course also discusses why some people have sought to deny the Holocaust. The course concludes by discussing the questions people have raised about the Holocaust and such issues as support for democracy, the belief in progress, the role of science, and the search for human values which are common to all societies. (Same as JWSH 343.) LEC.

HIST 345. Hard Times: The Depression Years in America, 1929-1941. 3 Hours. H.
An analysis of the experiences of the American people during the Great Depression. Attention will also be given to the global dimensions of the crisis, socioeconomic dislocation, cultural and institutional change, and the impact of the Asian and European wars. LEC.

HIST 346. Law and Society in America. 3 Hours. H.
Law and lawyers have powerfully shaped American values and institutions. This course explores law’s impact on American society from the age of European colonization through present. Topics include liberty, public order, race and ethnicity, the family, property, speech, environment, and self-government. The course also examines the changing images of lawyers and the law over time. Course materials include not just statutes and court decisions, but literature, imagery, and popular culture materials. LEC.

HIST 347. Environmental History of North America. 3 Hours. H.
A survey of changes in the landscape and in people’s perceptions of the natural world from 1500 to present. Topics include agroecology, water and energy, the impact of capitalism, industrialism, urbanization, and such technologies as the automobile, and the origins of conservation. (Same as EVRN 347.) LEC.

HIST 348. History of the Peoples of Kansas. 3 Hours. H.
A survey of culture and society in Kansas from prehistory to the present. Topics include Native American life, Euro-American resettlement, Bleeding Kansas and the Civil War, agricultural settlement, urbanization and industrialization, depression and recovery, and modern Kansas in transition. Emphasis in the course will be on social and economic conditions, the experience of ethnic and racial groups, inter-racial relations, and the role of women. LEC.

HIST 350. The Korean War, 1950-1953. 3 Hours. H.
An examination of the origins, pattern of development, and legacy of this still unsettled conflict, which in many ways set the tone for the entire post-1945 era of the Cold War. Points of emphasis will include the motives and policies of the major participants (Koreans, Americans, Chinese, and Soviets), as well as the effects of the war on their domestic politics and foreign policy positions. LEC.

HIST 351. American Indian and White Relations to 1865. 3 Hours. H.
This course provides an intensive survey of the Indians of North America from Prehistory to 1865, and focuses on ancient indigenous cultures, early European-Indian relations and the impact of European culture upon the indigenous peoples of North America. (Same as HWC 348, ISP 348.) LEC.

HIST 352. American Indians Since 1865. 3 Hours. H.
This course examines American Indian/White relations from reconstruction to the present. It surveys the impact of westward expansion and cultural changes brought about by the Civil War, forced education, intermarriage, the Dawes Act, the New Deal, the World Wars, termination, relocation and stereotypical literature and movies. The class also addresses the Red Power and AIM movements, as well as indigenous efforts to decolonize and to recover and retain indigenous knowledge. After learning about the past from both Native and non-Native source materials, students will multiple perspectives about historical events and gain understandings of diverse world views, values, and responses to adversity. (Same as HWC 350 and ISP 350.) LEC.

HIST 353. Indigenous Peoples of North America. 3 Hours. NW AE41 / H/W.
This course surveys the history of the first peoples to inhabit North America from prehistory to present. Commonly and collectively referred to as American Indians, indigenous peoples include a diverse array of nations, chiefdoms, confederacies, tribes, and bands, each of which has its own unique cultures, economies, and experiences in dealing with colonial and neocolonial powers. This class seeks to demonstrate this diversity while at the same time providing an understanding of the common struggle for political and cultural sovereignty that all indigenous nations face. Indigenous nations that have developed a relationship with the United States will receive primary focus, but comparative reference will be made to First Nations of Canada. LEC.

HIST 354. Spanish Borderlands in North America. 3 Hours. AE51 / H.
The Northern frontier provinces of the Viceroyalty of New Spain from their exploration and occupation by Spain until their absorption by the United States. LEC.

HIST 355. U.S. Borderlands Since 1848. 3 Hours. H.
This course discusses issues associated with the Mexican borderlands region after conquest and acquisition by the United States. Themes include race relations, immigration, labor, economics, politics, culture, and the environment. We discuss how the region was incorporated into the United States, and how this relationship is evolving. We also examine the notion of a borderlands region and whether or not this is a valid characterization for Kansas. LEC.

HIST 358. The Vietnam War. 3 Hours. H.
This course is a survey of the Vietnam War. It covers the early days of Cold War, 1945-54, and all phases of the Vietnam War: the advisory phase (1955-64); the Americanization phase (1965 -68); the Vietnamization Phase (1969-73); and the final phase, the Vietnam Civil War, 1972-75. This course covers the causes, course, conduct, and consequences of the war and in so doing provides a political, military, and social history of the war. LEC.

HIST 360. Science and Religion. 3 Hours. H.
The interaction and significant confrontations between science and religion will be considered together with the religious responses to science and technology. LEC.

HIST 362. The American Way of War Since World War II. 3 Hours. H.
This course is a survey of American Military History from World War II to current military operations. It covers the Cold War, the Korean War, the Vietnam War, both Persian Gulf wars, the global war on terrorism, and the
war in Afghanistan. The course examines the causes, course, conduct, and consequences of the wars and covers advances in technology and doctrine, civil-military relations, foreign policy, and inter-service rivalry, providing a political, military, and cultural history of the wars. LEC.

HIST 365. Invention of the Tropics. 3 Hours. H.
This course surveys the history of the tropical environment and its peoples from Europe’s first encounter to today’s ecotourism boom. It focuses on portrayals of the tropics in historical travel accounts and films. Through these sources, we seek to understand how science, technology, and tourism have been, in turn, as instruments of progress and destruction, tools of empire and national liberation. Case studies are drawn from Latin America, Africa, Oceania, and Asia. LEC.

HIST 366. Old Regime and Revolution in France, 1648-1799. 3 Hours. H.
This course explores the political, social and cultural system of early modern France. It culminates with study of the collapse of monarchy and establishment of republican government during the French Revolution. LEC.

HIST 367. Magic and Superstition in European History. 3 Hours. H.
This course traces the changing role and understanding of magic in European culture, religion, politics and science from the late Middle Ages through the early 20th century. Topics may include alchemy, miracles, magical healing, witchcraft, monsters and demonic possession. LEC.

HIST 368. A History of Afro-Latin America. 3 Hours. H.
This course examines the history of Africans and their descendants in Latin America. In this region, Africans could be found serving as militia commanders, laboring as skilled tradesmen, running their own businesses, working as household servants, and toiling on plantations. Students will study the varied experiences of these men and women across colonial and national boundaries. Topics include: acculturation/Creolization, manumission, family formation, social networks, economic roles, political mobilization, and interaction with indigenous peoples. LEC.

HIST 369. Colonialism and Revolution in the Third World, Honors. 3 Hours. NW AE42 / H.
This course will study the structure and dynamics of colonialism and neo-colonialism in the third world beginning in the 19th Century and continuing to the 1980s. It will also examine responses to these systems, from small-scale resistance to nationalist revolutions. Attention will be given to the relationship between ideology and collective behavior. Case studies will be drawn from Africa, Asia, and Latin America. Prerequisite: Membership in the University Honors Program or permission of instructor. LEC.

HIST 370. Violence and Conflict in Latin American History. 3 Hours. H.
This course treats the history of Latin America since the European conquest through the prism of violence and social conflict. It traces the roots of the region’s social collapse during the twentieth century to political and cultural factors in the colonial and early national periods. Using films and literature in addition to historical texts, the course discusses the sources of nationalism, civil wars, banditry, urbanization, violent dissent, military dictatorships, human rights abuses, and guerrilla insurgencies as well as the political uses of violence made by different social groups. LEC.

HIST 371. The Cultural History of Modern Latin America. 3 Hours. H.
This course explores themes such as the evolution of national identities, the conflict between the city and the countryside, exile, the surrealism imagination and the cultural resistance against foreign influences through an examination of the literature, film, art, music, religions and popular and material culture of 19th and 20th century Latin America. LEC.

HIST 372. Violence and Conflict in Latin American History, Honors. 3 Hours. H/W.
This course treats the history of Latin America since the European conquest through the prism of violence and social conflict. It traces the roots of the region’s social collapse during the 20th century to political and cultural factors in the colonial and early national periods. Using films and literature in addition to historical texts, the course discusses the sources of nationalism, civil wars, banditry, urbanization, violent dissent, military dictatorships, human rights abuses, and guerrilla insurgencies as well as the political uses of violence made by different social groups. Not open to students who have taken HIST 370. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

HIST 373. The Supreme Court and Religious Issues in the United States. 3 Hours. H.
Historical study of the interpretation of the religion clauses of the First Amendment with special reference to the questions of establishment, the free exercise of religion, freedom of religious belief, worship, and action, and religion and the public schools. Not open to freshmen. (Same as REL 373.) LEC.

HIST 374. The Supreme Court and Religious Issues in the United States, Honors. 3 Hours. H.
Historical study of the interpretation of the religion clauses of the First Amendment with special reference to the questions of establishment, the free exercise of religion, freedom of religious belief, worship, and action, and religion and the public schools. Open only to students in the University Honors Program or by permission of the instructor. (Same as REL 375.) LEC.

HIST 375. The Supreme Court and Religious Issues in the United States, Honors. 3 Hours. H.
Historical study of the interpretation of the religion clauses of the First Amendment with special reference to the questions of establishment, the free exercise of religion, freedom of religious belief, worship, and action, and religion and the public schools. Prerequisite: Approval for enrollment in the Summer Institute in the Humanities. Not open to freshmen. (Same as REL 375.) LEC.

HIST 376. The Cultural History of Modern Latin America, Honors. 3 Hours. H.
For students enrolled in the annual summer Study Abroad program. This course examines some of the main events and trends in British history, from the earliest times to recent British history. The specific historical themes investigated will depend upon the instructor. The course can be taken only via enrollment in the KU British Summer Institute in the Humanities. Prerequisite: Approval for enrollment in the Summer Institute through the Study Abroad office. LEC.

HIST 377. Everyday Communism in Eastern Europe. 3 Hours. H.
This course investigates through film, literature, memoirs, photography, architecture, and scholarship the experience of ordinary citizens under Soviet-style communism in Eastern Europe. We study the ways people supported, resisted, opposed, and merely got by under state socialism from the late 1940s to the collapse of Communism in 1989. LEC.

HIST 378. Beyond the Iron Curtain: Soviet Perspectives on the Cold War. 3 Hours. AE42 / H.
This course reimagines the Cold War through Soviet eyes, challenging assumptions and offering less familiar perspectives on a global conflict. Analyzing Soviet and American mass media, popular culture, declassified documents, and personal stories, students investigate the following: Who started the Cold War, and who won it? Was it a time of relative peace or paranoia? How did the two sides view each other and did espionage help them know each other better? How did people and culture sometimes cross the iron curtain? What were the Soviets doing in places like Latin America and the Middle East? And why were both sides so concerned with Olympic athletes, ballet defectors, and cosmonauts? LEC.

HIST 380. Revolutionary Europe: The People in Arms. 3 Hours. H/W.
A survey of the political, social, economic and cultural transformation of Europe in a century of turmoil, from the Old Regime through the liberal and national revolts of 1848, the Paris Commune and the Russian Revolution. LEC.

HIST 385. Themes in British History. 3 Hours. H.
For students enrolled in the annual summer Study Abroad program. This course examines some of the main events and trends in British history, from the earliest times to recent British history. The specific historical themes investigated will depend upon the instructor. The course can be taken only via enrollment in the KU British Summer Institute in the Humanities. Prerequisite: Approval for enrollment in the Summer Institute through the Study Abroad office. LEC.
HIST 390. Topics in: ______. 3 Hours. H.
A study of a specialized theme or topic in History. May be repeated for credit when topic varies. LEC.

HIST 391. Topics in (Honors): ______. 3 Hours. H.
A study of a specialized theme or topic in History. May be repeated for credit when topic varies. Open only to students admitted to the University Honors Program. Prerequisite: Permission of instructor. LEC.

HIST 392. Huns, Turks, and Mongols: The Nomad Factor in Asian History. 3 Hours. NW / H/W.
This course introduces the history of major nomadic powers in Eurasian Steppe and their impact in the world from the first Millennium BCE to around 1500 AD. The main topics include the culture of the Scythians, the Hun and Xiongnu confederacy, the Mongol conquest, and the Turkish empires in Central and West Asia. It investigates the natural and human forces that shape the identities of the nomads and their changing images in history. LEC.

HIST 393. The Silk Road. 3 Hours. H.
A comprehensive introduction to the cultural influence and material exchange among major civilizations along the Silk Road. It covers the period of more than one thousand years between the 2nd and the 15th centuries CE, during which time forces wielded by the Persians, the Chinese, the Indians, the Tibetans and the Mongols shaped the geopolitical landscape of the vast region that spreads from the Caspian Sea to the Gobi Desert. Students explore the role of the Silk Road in the formation of the religious and ethnic identities of these civilizations, as well as their perceptions towards one another. Along with textual materials, the course uses extensive visual and musical materials to present interesting phenomena, such as Sogdian burial practice, Arab accounts of Tang China, Nestorival Christianity at the Mongol court, and Marco Polo’s journey to the East. The course begins and concludes with discussion of the contemporary significance of the Silk Road as a historical category. LEC.

HIST 394. Made in China: Chinese Business History. 3 Hours. H.
This course examines the development of business in China since 1900. Topics include the rise of industrialism, the role of foreign investment, China’s role in the global market place, the relationship between business and the state, state-run enterprises, factory life, entrepreneurialism, building a domestic market for industrial goods, advertising, consumerism, and economic nationalism LEC.

HIST 397. From Mao to Now: China’s Red Revolution. 3 Hours. NW AE42/GE11 / H.
This course on China’s Communist revolution considers the evolution of Maoism, or Chinese Communism, from its ideological origins through its implementation during and after the Chinese Communist revolution. It examines major Maoist movements such as Land Reform, the Great Leap Forward, the Cultural Revolution, and the cult of Mao. It further considers the globalization of Maoism by examining examples of other Maoist revolutions and revolutionaries in places like Cambodia, Peru, and Nepal. LEC.

HIST 398. Introduction to History of Japan: Anime to Zen. 3 Hours. NW / H/W.
This course provides a foundation for study of Japanese history. It combines lectures on the scope of Japanese history over the past 2,000 years with discussions of topics key to the development of Japanese civilization such as religion and literature. We analyze how different media, such as film, Japanese animation (anime), and art can be used as historical sources, and how these shape our understanding of Japan. Students hone their ability to analyze both thematic and historical questions through writing assignments and discussions. LEC.

HIST 399. The Samurai. 3 Hours. NW AE42/GE11 / H/W.
Japan’s warrior class, the samurai, dominated politics and society for more than half of Japan’s recorded history. This course traces the history of the samurai from their origins to the dissolution of their class in 1877, examining their military role, philosophy, and cultural contributions. It also considers continued references to the “spirit of the samurai” in the twentieth century. LEC.

HIST 401. Case Studies in: ______. 2-3 Hours. H.
Examination of a limited aspect of a general subject; other aspects of the same subject may be offered other semesters. LEC.

HIST 402. Roman Military History. 3 Hours. H.
The Defense of the Roman Frontiers. This course emphasizes the development of the frontiers of the Roman empire from Caesar to the late second century. It includes the origins of the Germans and their society, the Celtic background, and the relationship between the emperor and the army. LEC.

HIST 404. Technology: Its Past and Its Future. 3 Hours. H.
An examination of the role of technology and its influence on society. The historical development of technology will be traced up to modern times with an emphasis on its relations to the humanities. Attention will be given to the future of different branches of technology and alternative programs for their implementation. (Same as ENGR 304.) LEC.

HIST 407. History of Science in the United States. 3 Hours. H.
Traces the evolution of a scientific tradition in American culture. Examines the growth of scientific ideas and institutions under European and indigenous influences. Studies the interactions of science with technological, theological, political, and socio-economic developments. LEC.

HIST 410. The American Revolution. 3 Hours. H.
This course will focus on the meaning the American Revolution had for different groups of Americans. Particular emphasis will be on the relationship between ideology and experience, and the impact of the Revolution on such groups as women, slaves, Indians, African-Americans, the poor, merchants, and loyalists. LEC.

HIST 411. The New Republic: U.S. History 1787-1848. 3 Hours. H.
This course traces the history of the United States from the debates over the ratification of the Constitution until 1848. Major topics include the republican experiment, the Market Revolution, the Age of Jackson, religious revivals and reform, slavery and the cotton kingdom, the Manifest Destiny. Historians view the period as vital to understanding the development of the society, economy, culture, and politics of the modern United States. LEC.

HIST 412. The Civil War in America, 1828-1877. 3 Hours. H.
The United States from the rise of sectional conflict through the disintegration and reunification of the Union. LEC.

HIST 413. The Rise of Industrial America, 1877-1920. 3 Hours. H.
The political, economic, social, and intellectual development of the United States from 1877 to 1920. LEC.

HIST 414. Gone with the Wind. 3 Hours. H.
For four years, another country occupied part of what we now think of as the United States. The Confederate States of America was a short-lived experiment founded on the cornerstone of slavery that advocated small government, states’ rights, agriculture, and patriarchy. Even before the Confederacy collapsed, though, none of those ideals was working out well in real life. Why, then, do so many Americans have such a hallowed view of the Confederate experience? This class discusses some military matters but focuses primarily on the homefront. LEC.
HIST 420. Dante's Comedy. 3 Hours. H.
The complete Divine Comedy will be read in English translation, with equal stress on each of its three parts: the Inferno, the Purgatory, and the Paradise. No prerequisite. (Same as HWC 410.) LEC.

HIST 421. Economic and Social History of Later Medieval Europe, 1000-1500. 3 Hours. H.
An introductory study of European economic and social history from the Tenth Century Crisis to the 1490s. This course investigates the causes of economic development and the interactions among market, nonmarket, and social institutions such as the family. Topics covered include trade, labor, technologies, consumerism, social unrest and the rise of social and economic thought. LEC.

HIST 424. Venice and Florence in the Renaissance. 3 Hours. H.
Comparative urban study of Florence and Venice from the thirteenth through the sixteenth centuries. Principal subjects are the distinctive economies of the city-states, political developments, Renaissance humanism, patronage of the arts, family life, and foreign policy. LEC.

HIST 425. History of the Mediterranean World, 1099-1571. 3 Hours. H.
This course examines Mediterranean civilizations from the First Crusade to the Battle of Lepanto. Topics include the commercial revolution, medieval colonization, the Byzantine and Ottoman states, shipping and navigation, and the Atlantic. Equal coverage of the eastern and western Mediterranean. LEC.

HIST 440. War and United States Society. 3 Hours. H.
A survey of the American experience in military conflict, both foreign and domestic, from the colonial period to the present. In addition to the strategic and tactical aspects of war, the course will treat the political, economic, and social effects in their national and global contexts. Extensive use will be made of audio-visual materials. LEC.

HIST 444. Frozen in Time: Politics and Culture in the Cold War, 1945-75. 3 Hours. H.
This course deals with the interactions between Cold War culture and domestic and international politics chiefly from the American and to some degree comparative perspective. It focuses on the period 1945-1975, and makes use of films, television, music, works of science fiction and related genres, and other cultural manifestations to examine such themes as programs of domestic and international repression, consensus politics, cultural imperialism, gender roles, and class, status, and racial dynamics in the context of what was perceived as bipolar rivalry. LEC.

HIST 450. Study Abroad Topics in: ______. 1-5 Hours. H.
This course is designed for the study of special topics in History at the junior/senior level. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

HIST 451. Suburbia. 1.5 Hour. H.
A history of the growth of suburban enclaves, from their emergence during the electric streetcar era to their dominance in the late 20th century. This short course features the analysis of class dynamics, racial exclusions, commuting, social conformity and the alienation of the young within a U.S. context, but some attention is given to comparisons with other parts of the world. LEC.

HIST 452. Chicago. 1.5 Hour. H.
A history of the Midwestern metropolis from its origins as a swamp to an industrial port city. Topics covered in this short course may include the meat-packing industry, political corruption and reform, immigration and migration, the rise and demise of neighborhoods, transportation systems, working-class social movements, modern architecture and urban popular culture. LEC.

HIST 453. Anarchism: A Global History. 1.5 Hour. H.
This short course examines the key theorists and organizers of the anarchist movement, beginning with its emergence in the 19th century and extending into its reappearance in the 21st century. It traces developments in Europe, South America, Asia and the United States. Topics may include the Paris Commune, credit unions, propaganda by the deed, wage slavery, resistance to authority, and the general strike. LEC.

HIST 454. Work. 1.5 Hour. H.
This short course traces the evolution of work from pre-industrial times to the computerized workplace. Issues such as the meaning of work, dignity and respect, time efficiency and exploitation, unionization and strikes, workplace democracy, collectives and worker-owned businesses, laziness as a form of resistance to authority, leisure, the culture of commuting, and hierarchy and status are explored. The evolution of work in non-U.S. societies is analyzed comparatively. LEC.

HIST 455. Havana. 1.5 Hour. H.
This short course examines the history of the Cuban port city from the era of Spanish colonialism to the "special period" of shortages and deprivations during the 1990s. Topics covered may include popular culture, Caribbean pirates, cigar factories and labor, urban slavery, Chinatown, social revolution, restructuring of urban public space, suburban expansion, modernist architecture, tourism, gambling and vice, historical preservation and the changing conditions of streetlife. LEC.

HIST 460. Topics in: ______. 1.5 Hour. H.
An eight-week course devoted to a specific historical topic. May be repeated for credit as topics change. LEC.

HIST 461. The Asia-Pacific War, 1937-1945. 3 Hours. H.
This course introduces students to the Asia-Pacific War, which began with the outbreak of fighting between Japan and China in July 1937 and ended with the unconditional surrender of the Japanese Empire to Allied forces in August 1945. The course revolves around three themes, which are explored through lecture, discussion, and extensive use of film and visual materials: the geopolitical and colonial origins of the conflict; the concept of total war and the political and social transformations it unleashed on all belligerent nations; and the ideologies on the home front justifying the mass slaughter of soldiers and civilians. There is also discussion about how people in Japan, the United States, China, Korea, and other countries remember the war in the postwar period. LEC.

HIST 470. Popular Culture in Latin America and Africa. 3 Hours. NW / H.
This course offers a comparative assessment of the origins and practice of various forms of popular culture in the 20th Century in these two regions. Theories that explain the links between modernism and popular culture are discussed. Topics investigated may include the impact of spectacle on the urban environment, the legacies of colonialism in the sphere of culture, and the intersection of public space and popular culture. Forms such as music, cinema, street theater, and sports are explored. LEC.

HIST 480. Traveler's Tales of the Middle East. 3 Hours. H.
This reading-intense seminar examines the multiple visions of "the Orient" that appeared in the letters, memoirs, and novels of Western travelers to the Middle East in the nineteenth and twentieth centuries. We examine the rise of tourism and travel-writing within the Middle East and their links to European imperialism. Working closely with primary source documents, we question what these highly personal and often misinformed types of writing can tell us about the politics and culture of everyday life in the Middle East. LEC.
HIST 481. From Harlem to the Streets: Gender in the Middle East, 1900-Present. 3 Hours. H.
This reading-intensive seminar examines shifts in gender roles and expectations in the Middle East during the twentieth and twenty-first centuries. The course begins with the importance of harem within Middle Eastern society, and traces Middle Eastern women's increasingly public presence in national movements, feminist activism, and peace protests as well as the impact of Western standards of marriage, child-rearing, beauty, and sexuality on gender roles. The course uses primary and secondary sources to analyze how gender identity is informed by religion and culture and grounded in specific historical moments. LEC.

HIST 490. Honors Course in History. 1-3 Hours. AE61 / H.
May be taken more than once; total credit not to exceed six hours. Prerequisite: Approval of the Coordinator of the Honors Program of the Department of History. IND.

HIST 492. Readings in History. 1-4 Hours. AE61 / H.
Investigation of a subject selected by the student with the advice and direction of an instructor. Individual reports and conferences. Two (2) Readings in History courses may be applied to the major and no more than one (1) may be applied to the minor. Prerequisite: Ten hours of college history including at least two upper-class courses and a “B” average in history. Consent of instructor. IND.

HIST 494. Service Learning in History. 1-3 Hours. AE61 / H.
This course is designed to give students the opportunity to apply historical knowledge and ideas gained through course work to real-life situations in volunteer service agencies and community centers. Open to History majors and others with significant History backgrounds. Permission of instructor is required. LEC.

HIST 498. Undergraduate History Honors Seminar. 3 Hours. AE61 / H.
Required for students in the History major honors program, normally in the second semester of their honors projects. Prerequisite: Approval of the Coordinator of the Honors Program of the Department of History. Another seminar experience may be substituted, with the approval of the Honors Coordinator. LEC.

HIST 500. History of the Book. 3 Hours. H.
Brief history of writing materials and handwritten books; history of printed books from the 15th century as part of cultural history; technical progress and aesthetic change. Offered every second year. (Same as ENGL 520.) LEC.

HIST 502. Development of Ancient Greece, ca. 1000-300 B.C.. 3 Hours. H/W.
Emphasis on the ancient sources and texts, developments in political institutions and society, the changing definitions of personal, cultural, and national identities, and the cultural tensions between Greece and the cultures to the west and east, especially Italy and Persia. No knowledge of the ancient languages is required. (Same as CLSX 502). LEC.

HIST 503. The Ancient History of the Near East. 3 Hours. H.
History of the rise of civilizations in the ancient Near East from the earliest time to the Muslim conquest of the early seventh century, including the areas of Mesopotamia, Egypt, Syria, Palestine and Asia Minor. An archaeological approach is used in focusing attention on the cultural phenomena and achievements of the peoples of these areas, including the Babylonians, Assyrians, Persians, ancient Israelites, Greeks and Romans. LEC.

HIST 506. Roman Republic. 3 Hours. H.
An investigation of the history of Rome from its origins to the end of the Republic in 31 B.C.E., emphasizing political, social and economic aspects of the development of Rome from a minor city to a world power. LEC.

HIST 507. Early Roman Empire. 3 Hours. H.
A political, social, and economic investigation of the early Roman Empire from Augustus to Diocletian emphasizing how Rome held together a world-empire until economic and military problems forced a complete reorganization of the imperial system. LEC.

HIST 508. Late Roman Empire (284-527). 3 Hours. H.
An investigation and analysis of the later Roman Empire from Diocletian to Justinian, emphasizing the Christianization of the empire, its division into Western and Eastern/Byzantine Empires, and the barbarian invasions. LEC.

HIST 509. Multinational Corporations: The Role of Money and Power. 3 Hours. H.
This course explores the origins, historical evolution, and global expansion of multinational corporations since the 1880s. Particular attention is devoted to U.S.-directed multinational businesses with both market-oriented and supply-oriented direct investments abroad and the competitive advantages gained by American capital, management, and marketing expertise vis-a-vis foreign firms operating in Canada, Europe, Asia, Latin America, and Africa. An objective of the course is to assist the student of international business in understanding, analyzing, and addressing various complex, interrelated and interdependent trends and issues in the world community that have had a critical impact on business performance in the international marketplace. LEC.

HIST 510. Topics in: ____. 2-3 Hours. H.
A study of a specialized theme or topic in History. May be repeated for credit when topic varies. LEC.

HIST 512. Foodways: Latin American. 3 Hours. H.
This course explores the traditional foods, ways of eating, and cultural significance of food among peoples of Latin America. The course surveys the vast array of flora in Central and South America and the Caribbean, and focuses on issues of environmental protection, bioethics, food security, and the growth of farming and ranching. The class studies the impact that foods such as maize, potatoes and cacao have had globally, and including African, Asian, and European influences on Latin cuisine, as well as health problems associated with dietary changes. (Same as HWC 552, ISP 552, and LAA 552.) Prerequisite: Upper division course on Latin America, or permission of the instructor. LEC.

HIST 513. Early Medieval Culture. 3 Hours. H/W.
The formation of a new civilization in Western Europe between the decline of the Roman Empire and the First Crusade is the central stress in this topical study of the institutions and ideas characteristic of the Latin West, 300-1100. LEC.

HIST 515. The Crusades in Cross-Cultural Perspective. 3 Hours. H.
This course examines the development and evolution of the crusade as well as the history of the crusading movement from the 11th to the 15th centuries. Through an analysis of documents from Christian, Jewish, and Muslim perspectives, this course aims to consider “the Crusades” in the broadest possible context. One of the key questions to be addressed in this course is: how did these expeditions to the Holy Land both reflect and influence cross-cultural relations in the medieval Mediterranean World? LEC.

HIST 516. Later Medieval Culture. 3 Hours. H.
The civilization of Medieval Europe at its height (1100-1350); its subsequent disintegration and transformation. LEC.

HIST 519. European Intellectual History of the Seventeenth Century. 3 Hours. H/W.
This course will trace the development of the European intellectual tradition in the crucial period of the seventeenth century. Such topics as the changing views on religion, the decline of Humanism, and the rise of...
natural science form the center of the course and will be studied against the background of social and political change. Class sessions will consist of discussions of both primary and secondary sources. LEC.

HIST 520. The Age of the Renaissance. 3 Hours. H/W.
A survey of economic, political, social, and cultural developments in Italy in the 14th and 15th centuries, with special attention to those elements in the life of the age which look forward to the modern world. LEC.

HIST 521. The Age of the Reformation. 3 Hours. H/W.
The Protestant revolt of the 16th century. LEC.

HIST 522. The Age of Religious Wars, 1540-1648. 3 Hours. H/W.
The Catholic or Counter-Reformation and the wars of religion, including the Thirty Years War. LEC.

HIST 523. Europe between Absolutism and Revolution. 3 Hours. H/W.
An investigation of why the major states of Europe underwent a crisis at the end of the 1700s that culminated in a wave of democratic revolutions, reforms, and the wars of Napoleon. LEC.

HIST 524. The French Revolution. 3 Hours. H/W.
A study of the origins, development, and impact of the French Revolution, beginning with a description of France in the 18th century and ending with a look at France under Napoleon. LEC.

HIST 525. Modern France: From Napoleon to de Gaulle. 3 Hours. H/W.
A survey of the history of modern France. Beginning with an exploration of the impact of the Revolutionary and Napoleonic era on French institutions, politics, and society, this course examines the search for a viable political system, the acquisition of a colonial empire, the church-state controversy, and the rise of socialism in the nineteenth century, and considers the impact of two world wars on French society, the rapid modernization of countryside and cities, and French political leadership from Clemenceau to Blum to de Gaulle in the twentieth century. LEC.

HIST 527. Recent European History, 1870 to the Present. 3 Hours. H/W.
A study of the issues and themes that have shaped the contemporary European world, exploring European politics, economy, and society from the zenith of Europe’s power and influence at the turn of the century through two world wars and into the contemporary era. This survey begins with the period of consolidation of a system of major national states in western Europe and ends with the search for alternatives to that system in the break-up of empires and movements for European unity in the post-World War II era. The course also considers the emergence of the states of central and eastern Europe and examines the impact of the Russian Revolution and the Soviet state on European affairs. Not open to those who have credit in either HIST 435 or HIST 436. LEC.

HIST 528. Economic History of Europe. 3 Hours. S/W.
An introductory study of European economic history from the Middle Ages to the 1980s. Investigates the sources of economic growth, and the interaction between economic forces and social institutions. Topics covered will include the rise of commerce, the agricultural and industrial revolutions, imperialism, the Great Depression, and European recovery after World War II. (Same as ECON 535.) Prerequisite: ECON 104 or ECON 142 and ECON 144. LEC.

HIST 529. Intellectual History of 19th Century Europe. 3 Hours. H/W.
A survey of significant currents of thought during this period. Attention to the problem of the relationship between ideas and the historical situation. LEC.

HIST 530. History of American Women--Colonial Times to 1870. 3 Hours. AE41 / H.
A survey of women’s history in the United States that will consider women’s roles as housewives, mothers, consumers, workers, and citizens in preindustrial, commercial, and early industrial America. (Same as AMS 510 and WGSS 510.) LEC.

HIST 531. History of American Women--1870 to Present. 3 Hours. AE41 / H.
A survey of women’s history in the United States that will include radical and reform movements, the impact of war and depression, professionalization, immigration, women’s work, and the biographies of leading figures in women’s history. (Same as AMS 511 and WGSS 511.) LEC.

HIST 532. History of Women and Work in Comparative Perspective. 3 Hours. H.
This course explores the connection between historical changes in the labor process and the occupational choices available to women in different countries. Through discussion and analyses of texts, students will evaluate the construction of a gendered division of work as shaped over time by economic, cultural, and political forces. The chronological and geographical focus may vary depending on the instructor. (Same as AMS 512 and WGSS 512.) LEC.

HIST 533. The History of Women and the Family in Europe, from 1500 to the Present. 3 Hours. H/W.
This course examines how women’s roles and the family have changed in Europe from the early modern period to the present. It will consider the relationship of women and the family to such cultural, social, and political changes as the Reformation, the French Revolution, middle class culture, industrialization, and the mass movements of the 19th and 20th centuries. LEC.

HIST 534. Captivity in America, 1492-1800. 3 Hours. H.
Captivity, threatened and actual, shaped the lives of the people of North America. It profoundly influenced the ways in which individuals and communities thought about themselves and the people around them. Colonists feared captivity among Native Americans; centuries later, Americans in the early republic rallied to the cause of their countrymen captured by Barbary pirates. This course examines the impacts, cultural, social, religious, and otherwise, of a variety of forms of captivity in colonial British, Spanish, and French North America. Topics in this course may include the captivity of European explorers and settlers by Native American groups; the enslavement of peoples from Africa to European and Native American masters; prisoners of war; naval impressment; and the displacement and captivity of Native American individuals and communities. Prerequisite: Successful completion of prior history course numbered below 500. LEC.

HIST 537. France from the Renaissance to the French Revolution. 3 Hours. H.
A study of the major political developments of early modern France, including absolutism, corporate institutions, and popular revolts, as well as an examination of the everyday life and beliefs of ordinary people. LEC.

HIST 538. European Intellectual History of the Eighteenth Century. 3 Hours. H.
An examination of the writing, ideas, and language of the major thinkers of the Enlightenment, including Diderot, Hume, Kant, Lessing, Rousseau, and Voltaire. LEC.

HIST 541. British History, 1500-1660. 3 Hours. H.
An introduction to the impact on the British Isles of the Reformation and Renaissance; the development of the Tudor state; Parliament; the Stuart
monarchy; the Anglican counter-reformation; civil war; the Cromwellian experiment. LEC.

HIST 543. Modern Iran. 3 Hours. NW / H.
A history of Iran from the sixteenth century to the present with an emphasis on religious, political, and cultural history. Topics will include the establishment of Shi'ism as the state religion in the sixteenth century, the evolution of religio-political thought among the Shi'ite clerical establishment, great power politics in the nineteenth century, European cultural and intellectual influence, nation-building and nationalism in the twentieth century, the Islamic revolution of 1979, and Iranian politics since the revolution. Prerequisite: HIST 327 and HIST 328. LEC.

HIST 544. Britain and Ireland from 1200 to 1500. 3 Hours. H.
Survey of social, cultural, political, and economic developments with particular emphasis on interaction between Anglo-Norman/English and Celtic societies. LEC.

HIST 545. British History, 1660-1832. 3 Hours. H.
A study of Britain’s recovery from civil war; state formation and national identity; ideological conflict; the Revolution of 1688; religion and secularization; social stability and commercial expansion; reform; threats to the state, and the American revolution; Britain’s survival of the French Revolution; the breakdown of the ancient regime in 1828-32. LEC.

HIST 546. History of Cartography. 3 Hours. H.
A history of mapmaking worldwide from its origins to the present day. Emphasis on maps as historical records of evolving civilizations and cultural landscapes and methods of study early maps. (Same as GEOG 519.) LEC.

HIST 547. The Intellectual History of Europe in the Twentieth Century. 3 Hours. H.
This course will examine in depth the leading developments in European thought from the 1920’s to the present. Topics will include: existentialism, philosophic hermeneutics, and postmodernism. LEC.

HIST 548. British History, 1832 to the Present. 3 Hours. H.
A study of the rise of modern Britain from the 1832 Reform Act, a major step on the path from aristocratic government to mass democratic politics. It covers the politics and society of the Victorian era, the extension of British influence overseas, the origins and social impact of two world wars, the creation of the Welfare State, the loss of Empire, and Britain’s entry into Europe. LEC.

HIST 551. Spain and its Empire, 1450-1700. 3 Hours. H.
This course will examine the society and culture of Spain in the period known as "the Golden Age." Subjects that will receive attention include: rural and urban society, economic and political organization of the Spanish and American colonies in the early years of the conquest, the place of women in society, the social basis for "Golden Age" culture, and the debate over the "decline of Spain. LEC.

HIST 555. Aspects of British Political Thought. 3 Hours. H.
This course will offer an introduction to a number of classic works in British political thought, placed against their historical background. Close reading of selected texts will be combined with contextual analysis. LEC.

HIST 556. Aspects of British Political Thought, Honors. 3 Hours. H.
Similar in content to HIST 543. This course will offer an introduction to a number of classic works in British political thought, placed against their historical background. Close reading of selected texts will be combined with contextual analysis. Open only to students in the University Honors Program or by permission of the instructor. LEC.

HIST 557. Nationalism and Communism in East Central Europe from 1772 to the Present. 3 Hours. H/W.
The peoples of East Central Europe under Hapsburg, Romanov, and German rule; the dissolution of the empires, independence and the role of the new states in the European balance of power; World War II, Soviet domination, and the recent role of East Central Europe in the Communist World. LEC.

HIST 558. Religion in Britain Since the Reformation: A Survey. 3 Hours. H.
This course will deal analytically and synoptically with religion in Britain from the Reformation to the present with special reference to the Church of England, and focuses on the themes of ecclesiology, ecclesiastical polity, and political theology. It is essentially an examination of religious history from a perspective of the history of ideas. (Same as REL 558.) LEC.

HIST 559. Religion in Britain Since the Reformation: A Survey, Honors. 3 Hours. H.
This course deals analytically and synoptically with religion in Britain from the Reformation to the present with special reference to the Church of England, and focuses on the themes of ecclesiology, ecclesiastical polity, and political theology. It is essentially an examination of religious history from the perspective of the history of ideas. Open only to students in the University Honors Program or by permission of instructor. (Same as REL 559.) LEC.

HIST 560. The Value of Freedom. 4 Hours. H.
This course explores multiple definitions of freedom: its value, limitations, and evolving meaning. The course specifically focuses on four major contexts in which human beings have faced existential questions about freedom's value: politics, religion, work, and gender relations. The goals are to explore the ways in which other societies and epochs have valued freedom and balanced it against competing social goods and thus to attune students to the particularities of today's definitions and celebrations of freedom. LEC.

HIST 561. Liberation in Southern Africa. 3 Hours. NW AE42 / H.
This course examines struggles for freedom in southern Africa and the consequences of political, economic, and social changes in the region. The end of colonial rule, the demise of white-settler domination, and the fall of the apartheid regime is discussed. As a major political event of the twentieth century, the liberation of southern Africa had both local and global consequences. The course analyzes transnational issues of liberation and resistance to consider broader regional and international perspectives. Course themes pay particular attention to gender and ethnicity and include a focus on democratization and contemporary meanings of liberation. Prior coursework in African Studies is strongly recommended, but not required. (Same as AAAS 561 and POLS 561.) LEC.

HIST 562. United States Environmental History in the 20th Century. 3 Hours. H.
Americans dramatically changed the natural world between 1900 and 2000. This course asks how transformed environments shaped the American experience during a century of technological innovation, democratic renewal, economic expansion, global conflict, and cultural pluralism. Topics include food and markets, energy and transportation, law and politics, protest and resistance, urbanization, and environmentalism's fate in a global information era. (Same as EVRN 562.) LEC.

HIST 563. U.S. Environmental Thought in the 20th Century. 3 Hours. H.
Explores both leading and dissident ideas that Americans have had about the natural world since 1900. Broad chronological periods are explored
in some depth, including the Progressive Era, New Deal, Cold War, the Sixties, and the Reagan Eighties. The course uses articles and books, as well as visual and aural forms of communication. Commercial speech, as well as scholarly and literary works, are considered. (Same as EVRN 563.) Prerequisite: EVRN 148 or HIST 129, or permission of instructor. LEC.

HIST 564. Medieval Russia. 3 Hours. H.
Political, economic, social, cultural, and religious developments of Russia from the beginnings of the Russian state in the 9th Century through the 17th Century. LEC.

HIST 565. Imperial Russia. 3 Hours. H/W.
The history of Imperial Russia from Peter the Great’s reinvention of the empire in the eighteenth century to its demise in the revolutions of 1917. Placing Russia in a global context, the course examines change and continuity in politics, society, economy, and culture and looks at Russia as a diverse empire between Europe and Asia. Readings include historical scholarship and some of the classics of Russian literature. LEC.

HIST 568. The Rise and Fall of the Soviet Union, 1917 to the Present. 3 Hours. H/W.
An exploration of the Soviet Union’s creation, evolution, collapse, and legacy in contemporary Russia and Eurasia. Drawing on historical scholarship, literature, music, and film, the course examines the major trends and developments in Soviet politics, ideology, society, economy, and culture. Special attention is paid to how the multiethnic Soviet state’s rise and fall reflected broader changes in the world during the “Soviet century.” LEC.

HIST 570. The Middle East After World War II. 3 Hours. NW AE42 / H/W.
An intensive study of developments and changes in the Middle East since World War II. Topics and themes will vary, but may include the long-lasting effects of European imperialism, Big Oil and the energy crisis, the Arab-Israeli conflict and peace process, American intervention in the Middle East, minority communities, and the revival of Islamic and popular protest movements. LEC.

HIST 573. Latin America in the 19th Century. 3 Hours. H/W.
The course will analyze the social, political, and economic problems of the Latin American nations from their independence to the Mexican Revolution (1910). Emphasis will be on the emergence and shaping of the new countries; their transition to modern industrializing societies; and the impact of this transition on Latin American society. LEC.

HIST 574. Slavery in the New World. 3 Hours. H/W.
Slavery, slave culture, and the slave trade in the U.S., Latin America, and the Caribbean will be examined comparatively. Attention will also be given to African cultures, the effects of the slave trade on Africa, and the effects of African cultures on institutions in the New World. (Same as AAAS 574.) LEC.

HIST 575. History of Mexico. 3 Hours. H/W.
Mexican history from preconquest days to the contemporary period. LEC.

HIST 576. History of the Caribbean and Central America. 3 Hours. H/W.
A comparative examination of Central America and the Caribbean. Emphasis is on understanding the complex social, cultural, and political development of this broad region from the pre-Columbian period until the modern era. Topics include: conquest, colonization, racial and ethnic diversity, economic development, political conflict, and globalization. Prerequisite: HIST 120, HIST 121, or HIST 370. LEC.

HIST 578. Social History of South America. 3 Hours. H/W.
The course treats the long-term effort of the South American nations to become urban industrial societies through economic development, emergence of modern pressure groups, improvement of human capital, and the fostering of a sense of national purpose and unity expressed in the participation of the whole population in all of the activities and benefits of life in society. LEC.

HIST 579. The History of Brazil. 3 Hours. H/W.
The history of Brazil from European discovery to the present with emphasis on social and economic change. Topics discussed will include the Indian, African, and European backgrounds, slave society, the frontier in Brazilian development, cycles of economic growth and regionalism, the role of foreign capital, industrial development, labor, urban problems, the military in government, and human rights. LEC.

HIST 580. Economic History of Latin America. 3 Hours. H/W.
A study of the changing economic conditions in Latin America from Colonial times through the Twentieth Century and the effect of these conditions on Latin American society. Emphasis will be on the major theoretical issues of development economics, patterns of growth, and suggested strategies for economic development. Analysis will center on changes in agriculture, industry, labor, finance, transportation and technology, urbanization, immigration, role of women, export and commerce, and foreign involvement. LEC.

HIST 582. Ancient Japan. 3 Hours. NW / H.
Course covers the history of Japan from the prehistoric era through the ancient period (approximately 10,000 BC to 1200 AD). Topics examined include the rise of Japanese Civilization, state formation, early capitals, belief systems, courtly culture in the Heian period (794-1185), and daily life. Writing assignments provide students with opportunities to gain familiarity with historical methods for analysis and to strengthen their written expressions. Not open to students who have taken HIST/EALC 586. LEC.

HIST 583. Imperial China. 3 Hours. NW / H/W.
An intensive survey of China’s traditional civilization and its history, with emphasis on the last centuries of imperial rule under the Sung, Yuan, Ming, and Ch’ing dynasties (to 1850). (Same as EALC 583.) LEC.

HIST 584. Modern China. 3 Hours. NW AE42 / H/W.
An intensive survey of China’s history from the early 19th century to the present. Key topics include the decline of the traditional system, the rise of communism, the Maoist era, and the tensions of change and control in the 1980s and 1990s. (Same as EALC 584.) LEC.

HIST 587. Early Modern Japan. 3 Hours. NW AE42 / H/W.
Early modern Japan (16th to 19th century) examines the history, culture, and patterns of life during an era of rigid social control but artistic brilliance. After an historical overview of the period, students will explore topics including the social structure, travel, religion, thought, and the formation of traditional cultural forms such as Kabuki theater. (Same as EALC 587.) LEC.

HIST 588. Japan, 1853-1945. 3 Hours. NW / H/W.
This course provides an intensive survey of Japanese history from the arrival of Commodore Perry through the Pacific War. Social, economic, and political themes will be emphasized. Among the topics covered will be the Meiji Restoration, industrialization, Japanese imperialism, Taisho democracy, and wartime mobilization. (Same as EALC 588.) LEC.

HIST 589. Japan Since 1945. 3 Hours. NW / H/W.
This course provides an overview of Japanese history from the end of World War II to the present day. Among the topics covered will be the Allied Occupation, postwar politics and social change, the economic "miracle,“ popular culture, women and the family, crime and punishment,
the educational system, and Japan’s place in the world. (Same as EALC 589.) LEC.

HIST 590. Cultural History of Korea. 3 Hours. H.
This course examines the cultural history of Korea in periods prior to the 19th Century. Special attention is given to varying constructions of cultural value, heritage, and identity, together with the historically specific factors that engendered them. (Same as EALC 563.) LEC.

HIST 591. Food in History: West and East. 3 Hours. H/W.
A survey of scholarship on food in the West and in East Asia, choosing works primarily by historians, but also by sociologists, geographers, and anthropologists. We consider how scholars have approached issues concerning food productions and consumption, what habits of eating reveal about daily life, and how and when food is embedded with historiography related to these topics, keeping in mind the famous maxim of the noted French gastronome Brillat-Savarin (d. 1826): "Tell me what you eat: I will tell you what you are. LEC.

HIST 593. Modern Korea. 3 Hours. NW / H/W.
This course will examine selected topics in Modern Korean history in the 19th and 20th centuries, with special emphasis on Korea’s connections to China and Japan. (Same as EALC 593.) Prerequisite: A college-level course in East Asian history or culture, or consent of instructor. LEC.

HIST 594. Law and Society in Traditional China. 3 Hours. S/W.
The course begins with a series of lectures on the main principles underlying Chinese social structure. The course then examines the application of those principles in legal cases. Students read legal cases in translation and argue them in class. (Same as EALC 594.) Prerequisite: A course in Chinese history. LEC.

HIST 595. Defining Japan: Marginalized Groups and the Construction of National Identity. 3 Hours. NW / H/W.
This course investigates the construction of national identity in modern Japan by examining the historical experiences of groups marginalized by mainstream society. We will explore the pressures of conformity, the pervasiveness of social ostracism and the surprising diversity in Japanese society. Among the groups discussed will be indigenous peoples (the Ainu, Okinawans), the Korean minority, the outcast class (burakumin), the sick and disabled, the yakuza, and political activists. (Same as EALC 596.) LEC.

HIST 597. Japanese Theater History. 3 Hours. NW / H/W.
This course examines the historical development and characteristics of Japanese theater, with special attention to traditional theater and the genres of noh, kyogen, and kabuki in particular, tracing their origins in the pre-modern era and their continued performance today. To gain an understanding of the historical and artistic setting of these arts, lectures and readings will consider broader issues such as performance and ritual in religion and daily life, gender and representation, and folk theater. A portion of this class will include practical studies of theatrical forms including noh dance and kabuki music (shamisen). (Same as EALC 597.) LEC.

HIST 598. Sexuality and Gender in African History. 3 Hours. NW AE42 / H.
An examination of the history of sexuality and gender in Africa with a focus on the 19th and 20th centuries. Major issues and methods in the historical scholarship on gender and sexuality will be covered. Topics of historical analysis include life histories, rites of passage, courtship, marriage, reproduction, education, masculinities, homosexuality, colonial control, and changing gender relations. Prior course work in African history is suggested. Graduate students will complete an additional project in consultation with the instructor. (Same as AAAS 598.) LEC.

HIST 599. The Rise and Fall of Apartheid. 3 Hours. H.
This course will deal with the last fifty years of South African history during which apartheid came to be formulated, supported, and perpetuated, and the forces that were responsible for its disintegration by 1990. Reference will also be made to the transformation process since April 1994. (Same as AAAS 590.) LEC.

HIST 600. West African History. 3 Hours. NW / H/W.
A study of the political, social, and economic development of West Africa until the colonial era. Major focus will be on the role of state formation, trade, ecology, and urbanization in the formation of centralized politics from the 11th to the 16th centuries and the impact of the process of Islamization and Muslim revolution on political and socioeconomic change in selected West African societies in the 19th century. LEC.

HIST 601. Oral History. 3 Hours. H.
This course explores the emergence of oral history as a methodology and focuses on the guidelines and ways to effectively use oral history in historical, journalistic, and social science research. The skills of collecting and sorting information gathered through eyewitness accounts, oral traditions, genealogies, investigative reporting procedures, and questionnaires are developed. The nature of the interview in relation to personal and public documents, ordinary conversation, and other related data sources will be considered in this course. LEC.

HIST 602. Religion in Britain 1785-1925. 3 Hours. H.
This course offers an examination of religious thought and practice during the transition from a pre-industrial, unitary order to a modern urban, industrial, and secular society. It will stress the close study of a range of selected texts, including works by such authors and works as Paley, Horsley, Wilberforce, Thomas Arnold, Newman Maurice, essays and reviews, and tire of a comparison between national, Marxist and Colonial China. It focuses on the evolution from the 1940s to the present studying the political, economic and social systems of the three regions that constitute what we now call ‘Greater China’ and considers, in particular, important points of difference and similarity between them. LEC.

HIST 603. History of Tibet. 3 Hours. NW AE42 / H.
This course surveys the cultural and political history of Tibet from the eighth to the twentieth century. Through readings, lectures, and discussions, students gain familiarity with the dominant features of Tibetan civilization. Topics include the relationship between Tibet and the civilizations of India and China, Tibetan Buddhism, and the tensions between the struggle for Tibetan independence versus claims of Chinese sovereignty. The course also considers the Tibetan diaspora and the reception of knowledge about Tibetan civilization in the West. LEC.

HIST 604. Contemporary Greater China. 3 Hours. NW AE42 / H.
This course considers contemporary China, Taiwan, and Hong Kong in comparative perspective. It begins in the early twentieth century so as to set up a comparison between Nationalist, Communist and Colonial China. It focuses on the evolution from the 1940s to the present studying the political, economic and social systems of the three regions that constitute what we now call ‘Greater China’ and considers, in particular, important points of difference and similarity between them. LEC.

HIST 605. Medieval Japan. 3 Hours. NW AE42 / H.
Course examines the history of Japan from the end of the ancient period (c. 1200 AD) through the medieval era (approximately 1573). Issues covered include the formation and destruction of the Kamakura and Muromachi warrior governments, medieval religious life and culture. Writing assignments provide students with opportunities to gain familiarity with historical methods for analysis and to strengthen their written expression. Not open to students who have taken HIST/EALC 586. LEC.

HIST 608. History of Sexuality. 3 Hours. H.
This survey course traces the changing conceptions of human sexuality from early civilizations to the present. It will include, but not be limited to,
such topics as attitudes and beliefs, laws, sciences and medicine, cultural differences, and the impact of economic change on sexual definition and experience. LEC.

**HIST 609. History of Women and Reform in the United States. 3 Hours. AE41 / H.**
This survey course will outline the history of women’s involvement in reform movements in the United States from 1600 to the present. It will include, but not be limited to, such topics as labor movements, utopian communities, religious revivals, moral reform, women’s rights, civil rights. LEC.

**HIST 610. American Colonial History. 3 Hours. H.**
Examines colonial American history from the age of Columbus to the mid-1760s. The course seeks to place colonial American history into the larger historical context, particularly the expansion of the British Empire in the early modern period. Emphasis in the course will be on migration, social and economic conditions, and inter-racial relations. LEC.

**HIST 611. Early American Indian History. 3 Hours. H.**
This course will focus on the history of American Indians, especially those of the eastern woodlands, from precontact times to the 1830’s. Particular emphasis will be on the response of Indians to demographic catastrophe, the development of trade between Indians and colonists, and Indian responses to European colonization in British America and New France. The role of Indians in the American Revolution and the changes caused by Removal will also be treated. LEC.

**HIST 612. History of Federal Indian Law and Policy. 3 Hours. H.**
This course offers a comprehensive examination of federal legislation and court decisions in the United States that have affected American Indians. The history of law and policy will be traced from the colonial period, but the major emphasis will be on the struggle of American Indians to preserve sovereignty in the 19th and 20th centuries. LEC.

**HIST 613. Slavery and Freedom in the Age of Jackson. 3 Hours. H.**
This course focuses on the growing importance of the issues of slavery and freedom in the United States between 1815-1848. Recently, scholars have demonstrated that the period was one of disorienting, dramatic, and unprecedented change as politics, economics, racial and gender roles, and key institutions were permanently transformed. The course will examine these changes and how they, in turn, remake the values and identities of all Americans. LEC.

**HIST 615. Rise of Modern America: Politics, Culture, and Society, 1900-1950. 3 Hours. H.**
The history of the United States in the First Half of the Twentieth Century. LEC.

**HIST 616. Contemporary America, 1941-Present. 3 Hours. H.**
A history of the United States from its entry into World War II to the present. A study of such selected topics as women’s history and feminism, race relations and the Afro-American civil rights movement, power, poverty, the military-industrial complex, McCarthyism, and presidential administrations. LEC.

**HIST 617. America in the 1960’s. 3 Hours. H.**
The people of the United States experienced significant social political, and cultural change during the 1960’s. This course studies the history of these changes, focusing on the American people, the institutions that shaped their lives, and the social and political movements, for and against change, that surfaced during this decade. Specific topics include: the struggle for racial equality, the Kennedy, Johnson, and Nixon administrations; the Vietnam War, the antiwar movement, New Left, and counterculture; feminism’s rebirth; the white backlash; and the resurgence of political and cultural conservatism. Course requirements include readings, discussion, and original historical research and writing. LEC.

**HIST 618. History of the American West to 1900. 3 Hours. H.**
A survey of Western history with emphasis on such topics as Native Americans and Indian-white relations, environment and resource use, exploration and discovery, expansionism and Manifest Destiny, economic development, urban, rural, and alternative communities, ethnic and racial experience, women and violence. Consideration will also be given to topics such as fur trade, mining, the cattle business, and agriculture. LEC.

**HIST 619. History of the American Indian. 3 Hours. NW / H/W.**
A study of Indians in the United States from colonial times to the present. Consideration will be given to the political, social, and cultural history of selected Indian tribes and to Indian-white relations with particular attention to the Indian point of view. Other topics will include a comparative study of Indian policy of nations colonizing in America, cultural intermingling and cultural conflict, and current Indian problems. Slides, films, and guest speakers (including American Indians) will be used in the course. LEC.

**HIST 620. History of Kansas. 3 Hours. H.**
A survey of the history of culture and society from prehistory to the present. Topics include Native American life, Euro-American resettlement, Bleeding Kansas and the Civil War, agricultural settlement, urbanization and industrialization, depression and recovery, and modern Kansas in transition. LEC.

**HIST 621. The American West in the 20th Century. 3 Hours.**
A study of the post-frontier era and the struggle to create a regional identity, drawn from legends of the heroic past, varieties of racial and ethnic experience, political culture, and the possibilities of the land. LEC.

**HIST 622. History of the Plains Indians. 3 Hours. NW / H/W.**
A history of the Plains Indians from the sixteenth century to the present. Consideration will be given to tribal culture and society, to the impact of the fur trade and international rivalries on tribes, and to Indian-white relations. LEC.

**HIST 625. Body, Self and Society. 3 Hours. H.**
An intensive examination of the role of the human body in the creation of personal and social identities in the Western world. Students become acquainted with contemporary theories of embodiment and senses as they are applied to a variety of historical themes, and develop research projects on a topic negotiated with the instructor. (Same as HWC 575, WGSS 575.) Prerequisite: An upper-division course in History, Humanities and Western Civilization, or Women Gender and Sexuality Studies; or permission of instructor. LEC.

**HIST 626. Men and Masculinities. 3 Hours. H.**
An intensive examination of the history and theory of masculinities in the Western world. Students become acquainted with some of the key theories of men and masculinities, and develop research projects on a topic negotiated with the instructor. (Same as HWC 570, WGSS 570.) Prerequisite: An upper-division course in History, Humanities and Western Civilization, or Women Gender and Sexuality Studies; or permission of instructor. LEC.

**HIST 628. American Economic Development. 3 Hours. H.**
An introductory study of the development of the American economy from colonial times to the present. Investigates long-term trends in output, population, and output per capita, as well as short period fluctuations, and the variables and institutions that determined these fluctuations and trends. (Same as ECON 530.) Prerequisite: ECON 104 or ECON 142 and ECON 144. LEC.
HIST 629. The United States and the World to 1890. 3 Hours. H.
The origins of American diplomacy from the wars of the 18th century and the Revolution to 1901. The foreign relations of the American government and the reactions of the American people to international problems. LEC.

HIST 630. The United States and the World, 1890-2003. 3 Hours. H.
An examination of the history of United States foreign relations over the course of the twentieth century. Treats America’s emergence as a world power before World War I, imperialism and interventionism, involvement in World War I and World War II, internationalism, the Cold War and America’s anti-communist crusade, third world nationalism, responses to a global economy, and the obligations of a military superpower in a chaotic world. LEC.

HIST 631. The Contemporary Afro-American Experience. 3 Hours. H.
A history of Afro-America from the end of the Civil War to the present. Consideration will be given to such topics as America’s capitulation to racism, blacks in agriculture, blacks and the labor movement, Booker T. Washington and W.E.B. DuBois, civil rights protest, migration and urbanization, Marcus Garvey and black nationalism, the Harlem Renaissance, blacks during the New Deal, blacks in recent politics, the modern civil rights movement, ghetto uprisings, and the changing relationships among race, caste, and class. LEC.

HIST 636. Agriculture in World History. 3 Hours. H.
A survey of the development of agriculture from prehistory through the present. The major themes of the course will be how various methods of farming have spread around the world, how new techniques have transformed agriculture, and how peasants and farmers have interacted with cities and governments. LEC.

HIST 640. Entrepreneurship in East Asia. 3 Hours. NW / H.
An intensive examination of the history and current status of entrepreneurship in China, Japan, and other nations in East Asia. This course investigates the role of entrepreneurs in Asian economic development from the nineteenth century to the present, as well as the relation between entrepreneurship and Asian cultural traditions. The opportunities and challenges of entrepreneur in East Asia today are also considered. (Same as EALC 520.) LEC.

HIST 646. Witches in European History and Historiography. 3 Hours. H.
This course examines witches, witchcraft, and magic in Europe in the late medieval and early modern period (approximately 1200-1700 C.E.). Particular emphasis will be on the variety of historical and anthropological approaches that have been used to study the subject and their meaning in the context of gender politics and gender theory. (Same as WGSS 646.) LEC.

HIST 649. History of Feminist Theory. 3 Hours. H.
This discussion course will cover the development of feminist theories from the late Middle Ages to the present. Reading will include Pisan, Wolstonecraft, Mill, Freud, Woolf, Beauvoir, Friedan, Daly, Kristeva, and others. (Same as WGSS 549.) LEC.

HIST 653. American Constitutional History to 1887. 3 Hours. H.
A historical study of the colonial origins, revolutionary development, creation of, struggle over and preservation of the American constitutional system from 1763 to 1887. LEC.

HIST 654. American Constitutional History Since 1887. 3 Hours. H.
A historical study of the evolution of thought and practice of the constitutional system from the conflict over government regulation of business, through the expansion of executive and legislative power, to the evolution of protections of Bill of Rights guarantees by the Supreme Court and the reaction against that evolution. LEC.

HIST 660. Biography of a City: ______. 3 Hours. AE42 / H.
These interdisciplinary, team-taught courses survey the artistic, intellectual, and historical development of the great cities of the world. London, Paris, and Rome have been offered in recent semesters, and other cities will be studied in the future. LEC.

HIST 661. Palestine and Antiquity. 3 Hours. H.
A survey of the history of Palestine from biblical origins to the Muslim conquest, with emphasis on such topics as social and religious institutions, cultural and communal diversity, and relations between foreign powers and local authorities. The course further explores the roots of the present conflictual situation in this part of the Middle East. LEC.

HIST 666. Contemporary America, 1941-Present, Honors. 3 Hours. H.
A survey of the economic, social, political, and cultural history of the United States from its entry into World War II to the present. Students with credit in HIST 614 or HIST 616 should not enroll in HIST 666. LEC.

HIST 670. Comparative Diasporas. 3 Hours. H.
This course examines history from the point of view of diasporas, groups who move across established borders but maintain an identity linked to an original homeland. This course examines commonalities and differences in the diaspora experience by looking comparatively at a range of prominent cases, including the Jewish, African, Armenian, Greek, Turkish, German, Irish, Italian, South Asian, and Chinese diasporas, the”Gypsies,” and the internal diasporas of multiethnic states like Russia. The course also gives students the opportunity to pursue research on a diaspora of their own choosing. LEC.

HIST 679. Colloquium in Medieval Latin. 3 Hours.
An introduction to Medieval Latin for students pursuing medieval studies. The material covered will include selections from various literary works, the Vulgate, law codes, legal documents, and other sources from the period 300-1500. May not be retaken for credit. Prerequisite: Twelve hours of upper-class courses in history and completion of HIST 301 or consent of instructor. LEC.

HIST 700. Globalization in History. 3 Hours.
A study of the increasing interaction among world societies since 1500 and an investigation of the long-term developments behind current world problems. Major topics include western expansion since 1500, the spread of state sovereignty, the formation of a world economy, and spread of international institutions. The current world problems investigated will vary, but may include issues such as environmental crises, human rights, migration, free trade and the spread of consumer culture, ethnicity and nationalism, and international intervention within states. (Same as INTL 705.) LEC.

HIST 719. Colloquium in Medieval Latin. 3 Hours.
An introduction to Medieval Latin for students pursuing medieval studies. The material covered will include selections from various literary works, the Vulgate, law codes, legal documents, and other sources from the period 300-1500. May not be retaken for credit. Prerequisite: Four semesters of college Latin or the equivalent, and/or consent of instructor of Ancient-Medieval graduate advisor. LEC.

HIST 720. The Nature of Museums. 3 Hours.
The purpose of this course is to provide an overview of the kinds of museums, their various missions, and their characteristics and potentials as research, education, and public service institutions responsible for collections of natural and cultural objects. (Same as AMS 720, BIOL 788, GEOL 782, and MUSE 702.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.
HIST 721. Introduction to Museum Public Education. 3 Hours.
Consideration of the goals of an institution’s public education services, developing programs, identifying potential audiences, developing audiences, and funding. Workshops and demonstrations are designed for students to gain practical experience working with various programs and developing model programs. (Same as AMS 797, BIOL 784, GEOL 784, and MUSE 705.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

HIST 722. Conservation Principles and Practices. 3 Hours.
This course will acquaint the future museum professional with problems in conserving all types of collections. Philosophical and ethical approaches will be discussed, as well as the changing practices regarding conservation techniques. Emphasis will be placed on detection and identification of causes of deterioration in objects made of organic and inorganic materials, and how these problems can be remedied. Storage and care of objects will also be considered. (Same as AMS 714, BIOL 700, GEOL 780, and MUSE 706.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

HIST 723. Introduction to Museum Exhibits. 3 Hours.
This course will consider the role of exhibits as an integrated part of museum collection management, research, and public service. Lecture and discussion will focus on issues involved in planning and producing museum exhibits. Laboratory exercises will provide first-hand experience with basic preparation techniques. Emphasis will be placed on the management of an exhibit program in both large and small museums in the major disciplines. (Same as AMS 700, BIOL 787, GEOL 781, and MUSE 703.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

HIST 725. Principles and Practices of Museum Collection Management. 3 Hours.
Lecture, discussion, and laboratory exercises on the nature of museum collections, their associated data, and their use in scholarly research; cataloging, storage, fumigation, automated information management and related topics will be presented for museums of art, history, natural history and anthropology. (Same as AMS 730, BIOL 798, GEOL 785, and MUSE 704.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

HIST 727. Practical Archival Principles. 3 Hours.
Study of the principles and practices applicable to the preservation, care, and administration of archives and manuscripts. Practical experience will be an integral part of this course. (Same as MUSE 707.) LEC.

HIST 728. Museum Management. 3 Hours.
Lecture, discussion, and laboratory exercises on the nature of museums as organizations; accounting, budget cycles, personnel management, and related topics will be presented using, as appropriate, case studies and a simulated museum organization model. (Same as AMS 731, BIOL 785, GEOL 783, and MUSE 701.) Prerequisite: Museum Studies student, Indigenous Nations Studies student, or consent of instructor. LEC.

HIST 740. Topics in History for Educators: ____. 1-3 Hours.
Reading and discussion of selected historical topics, designed specifically for K-12 educators. Pedagogical methods and resources for the study of history will be addressed. Prerequisite: Approval of the instructor. LEC.

HIST 747. East Asian History and Culture for Teachers. 2 Hours.
An advanced survey of the history, culture, and contemporary affairs of China, Japan and Korea, specifically designed for K-12 educators who wish to incorporate East Asian topics into their classroom teaching. Pedagogical methods and resources for the study of East Asia will be emphasized. Topics covered will address relevant benchmarks in the state curricular standards in social studies, themes from the Advanced Placement world history examination, and the national standards in world history. (Same as EALC 747.) Prerequisite: Approval of the instructor. LEC.

HIST 748. East Asian Historical Materials: ____. 3 Hours.
The aim of the course is to provide students with the linguistic tools needed for archival research in East Asian history by assisting them in gaining experience reading primary and secondary language materials in Japanese and/or Chinese including texts in classical forms of these languages. After studying the rules of classical grammar and the particulars of historical materials as needed, students will read primary documents in conjunction with secondary readings in Japanese and/or Chinese. Fundamental aspects of paleography may also be introduced in this course depending on student need. Prerequisite: Capability of reading Japanese or Chinese and permission of the instructor. LEC.

HIST 799. Museum Studies Apprenticeship. 1-6 Hours.
Provides directed, practical experience in the collection, care, use, and/or management of historical materials. (Same as AMS 799, ANTH 799, BIOL 799, GEOL 723, and MUSE 799.) Prerequisite: Consent of instructor. FLD.

HIST 800. Readings in: ____. 1-8 Hours.
Prerequisite: Consent of instructor. RSH.

HIST 801. Colloquium in: ____. 1-6 Hours.
Reading and discussion of selected topics. LEC.

HIST 802. Seminar in: ____. 3 Hours.
Research Seminar on selected topics. SEM.

HIST 805. The Nature of History. 3 Hours.
Analysis of what historians do and how the profession of history has developed in terms of training, concepts, and practices in both research and teaching. Consideration also of the major controversies that have developed over historical method and historical interpretation, giving greatest emphasis to American and European historiography by providing a relationship to the leading concepts of world history. LEC.

HIST 806. Studies in: ____. 3 Hours.
The core course for each thematic major field in the graduate program in History. The course, offered in a colloquium style format, will serve as an introduction to the principal standard literature in the field, and will consider the full range of methodologies or approaches appropriate to the field. LEC.

HIST 807. Professional Development Colloquium in Pedagogy. 3 Hours.
This course will help train future professional historians to teach. It will focus on a variety of pedagogical topics for future college history faculty, including: developing students’ critical and analytical thinking; teaching research skills; promoting student involvement/participation; determining course goals; use of multi-media technology. In addition to attending class meetings of History 807, students will attend as observers throughout the semester one 500/600-level course in an area relevant to their future teaching and complete the readings assigned to the class. They will produce a course portfolio for an undergraduate course, including: a syllabus designed by the student; a set of assignments that will be part of that course, such as examinations and papers; sample lesson plans; an annotated bibliography of materials relevant to the subject-matter of the course. LEC.

HIST 808. Colloquium in Comparative History: ____. 3 Hours.
A readings-oriented course which explores themes in two or more geographic and/or chronological fields of history. The benefits and disadvantages of comparative methodologies will be analyzed. Topics will vary each term but may include the examination of such subjects as the
history of urbanization, labor, colonialism, immigration, the family, political thought, or industrialization. Prerequisite: Varies with area of subtopic. LEC.

**HIST 820. Colloquium on Popular Culture in Latin America. 3 Hours.**
This course examines the history and theory of popular culture in 19th and 20th century Latin America from a cross-disciplinary perspective. Some of the topics covered could include: the historical development of urban popular culture from broadsides and newspapers to radio and telenovelas; the politics of music from the tango to the new song movement; folk art vs. High art in the definition of national identity; cultural imperialism; sports and public rituals as spectacles for the working class; relationship between mass culture and the novel; gender roles and social order as revealed in forms of popular culture; and the politics of the New Latin American Cinema. Discussions will be in English. No prerequisites. LEC.

**HIST 821. Colloquium on Slavery in World. 3 Hours.**
This course will examine the development, scope, and impact of slavery in the Atlantic World (1350-1900). A major focus of this course will be the relationship between various local and regional manifestations of slavery and how those relationships shaped the institution of slavery. Geographically the course will include literature on slavery in Europe, Africa, North America, and Latin America. Emphasis will be placed on examining the effects of slavery on Africans, their descendants, as well as other members of society including European settlers and Native Americans. The readings for this course will highlight important facets of slave life including religion, family life, manumission, and labor. Overall this course aims to illustrate the complex ways in which slavery permeated and shaped the societies that constitute the Atlantic World. LAB.

**HIST 822. Colloquium in the Urban History of Latin America. 3 Hours.**
Explores the growth of the city and urban culture from the Spanish conquest to the present. Focus on such topics as crime, public health, leisure activities, artisans, unionization, residential patterns and transportation. LEC.

**HIST 823. Colloquium on Colonial Latin America. 3 Hours.**
Explores the historiography and major themes and problems of the history of colonial Latin America. Ordinarily this will involve reading and discussion of historiographical articles, major works in the field and works involving new approaches and perspectives. A long historiographical paper will be required. LEC.

**HIST 824. Seminar on Labor in Latin America. 3 Hours.**
Major problems in class conflict resulting from industrialization of peripheral economies. Focus on such topics as labor movements, worker-inspired revolutions, women in the workforce, the ideology of work, labor migration, occupational culture and worker’s relationship to the state. LEC.

**HIST 825. Seminar in Latin American Foreign Relations. 3 Hours.**
This seminar examines the history of Latin American attitudes and policies toward other parts of the world as well as among the Latin American nations themselves. Examples of topics of interest are anti-imperialism, Pan-Americanism, foreign cultural influences, non-intervention, international cooperation and conflict, dependency, transnational corporations, regional integration, international law and doctrine and national security. LEC.

**HIST 826. Seminar in Twentieth Century South America. 3 Hours.**
Research seminar which examines major topics in the recent history of the Andean and Southern Cone countries. Topics such as the history of poverty, the dirty wars and the rise of military regimes, the social collapse of Colombia, Argentina and Peru, and the persistence of traditional cultures in the face of capitalist transformations will be thoroughly explored. LEC.

**HIST 827. Colloquium in the Social History of Latin America. 3 Hours.**
Explores the historiography, methods and themes of Latin American social history from the conquest to the present. Sessions will focus on specific groups including the history of indigenous groups, peasants, slaves, women, families, workers, and the poor. A long historiographical paper will be required. LEC.

**HIST 830. Colloquium in Eighteenth and Nineteenth-Century Britain. 3 Hours.**
This course examines the varied elite and popular responses to the creation of a capitalist economy (agrarian and industrial) in Britain between 1750 and 1890. LEC.

**HIST 831. Colloquium in Twentieth-Century Britain. 3 Hours.**
This course examines the main developments in the political, social, and cultural history of Britain since 1890. The aim is to trace the relationship between political movements and socio-cultural attitudes and institutions. LEC.

**HIST 832. Colloquium in British History, 1500-1660. 3 Hours.**
This course will engage with recent scholarship on the Renaissance and Reformation, the Civil War and the English Republic. LEC.

**HIST 834. Colloquium in the History of the British Empire. 3 Hours.**
The course will deal selectively with themes in the political and cultural interaction of the peoples of the British Isles with peoples overseas, the expansion and contraction of empire, and the rationales for these processes. LEC.

**HIST 836. Colloquium in British Political Thought. 3 Hours.**
This course provides an introduction to the rich tradition of British writings on politics through a close reading of a number of classic texts, interpreted in their historical settings. LEC.

**HIST 837. Colloquium in British Religious History. 3 Hours.**
This course will deal analytically and synoptically with religion in Britain from the reformation to the present with special reference to the Church of England, and will focus on the themes of ecclesiology, ecclesiastical polity, and political theology. LEC.

**HIST 844. Colloquium on East Central Europe, 1772-1914. 3 Hours.**
The colloquium covers the period beginning with the decline and partitions with Poland and ends with the outbreak of World War I. The major areas of study are the development of modern national consciousness among Poles, Czechs, Slovaks, Magyars, and Ukrainians, and the status of the Jews in these areas; economic, social, and educational development; and the rise of modern political parties. Prerequisite: HIST 557. LEC.

**HIST 845. Eastern Europe, 19th and 20th Centuries. 3 Hours.**
The course considers the challenges of modernity in Eastern Europe, with a focus on the lands of the former Habsburg Empire. The course is designed to introduce students to major issues in modern Eastern European history and historiography, with an emphasis on recent scholarship. Topics include: nationalism, identity formation, anti-Semitism, modernization and urbanization, World War I, interwar nation-states, World War II, Communist takeovers, everyday life under Communism, dissolution, Solidarity, the collapse of Communism, and post-socialist transitions. LEC.

**HIST 847. Colloquium in Russian History. 3 Hours.**
A group readings course that begins with Russia in the medieval period and continues through the end of the twentieth century. Topics may vary each term, but may include such subjects as political, social, religious, gender, or intellectual history. The course will focus around significant interpretive issues and the historiography that address them. Basic
familiarity with the chronology and the main problems of Russian history is assumed. LEC.

HIST 848. Colloquium in 20th Century Russia. 3 Hours.
The focus will be on reading and discussion of historical literature on the
end of Imperial Russia, the Russian revolutions, and the Soviet Union and
its aftermath. LEC.

Period. 3 Hours.
This graduate seminar will focus on interactions between the so-called
Old and New Worlds in the three centuries following Columbus’ voyages.
The course will pay particular attention to the changes in the lives of
Europeans, Africans, and the peoples of the Americas as a result of the
emergence of transatlantic economies, empires, and cultural systems.
LEC.

HIST 856. Colloquium in Modern European History I - Renaissance to
the French Revolution. 3 Hours.
This course will concentrate upon a number of selected topics in the
history of Europe between the Renaissance and the French Revolution. Emphasis will be placed upon certain problems within this period and
the recent historiography that deals with them. The first in a sequence of
colloquia in Modern European History. Required for European history
graduate students and students majoring in other fields whose secondary
fields correspond to this time frame. LEC.

HIST 857. Colloquium in Modern European History II - Major Themes
in Early Modern History. 3 Hours.
This course will concentrate upon a number of selected topics in early
modern European history. Emphasis will be placed upon certain problems
within this period and the recent historiography that deals with them. The
second in a sequence of colloquia in Modern European History. Required for
European history graduate students and students majoring in other fields whose secondary
fields correspond to this time frame. LEC.

HIST 858. Colloquium in Modern European History III - French
Revolution to the Present. 3 Hours.
From the French Revolution into the contemporary era. The third in
a sequence of colloquia in Modern European History. Required for
European history graduate students and students majoring in other fields whose secondary fields correspond to this time frame. LEC.

HIST 859. Colloquium in Modern European History IV - Major Themes
in Modern History. 3 Hours.
This course will concentrate upon a number of selected topics in modern
European history. Emphasis will be placed upon certain problems within
this period and the recent historiography that deals with them. The fourth in
a sequence of colloquia in Modern European History. Required for
European history graduate students and students majoring in other fields whose secondary fields correspond to this time frame. LEC.

HIST 879. Colloquium on North American Environmental History. 3
Hours.
Intensive survey of significant works in the field from colonial times to the
present, with attention to bibliography, research methods and needs, and
leading issues in interpretation. LEC.

HIST 890. Colloquium in American History 1492-1800. 3 Hours.
Study of the leading interpretations of major issues in the history of
Colonial and Revolutionary America, including appropriate attention
to new approaches and techniques in research. The first course in the
sequence of colloquia in United States history. Required of all U.S. history
graduate students. LEC.

HIST 891. Colloquium in 19th Century U.S. History. 3 Hours.
Study of the leading interpretations of major issues in the history of the
United States in the 19th century. The third course in the sequence of
colloquia in United States history. LEC.

HIST 892. Colloquium in 20th Century U.S. History. 3 Hours.
Study of the leading interpretations of major issues in the history of the
United States in the 20th century. The third course in the sequence of
colloquia in United States history. LEC.

HIST 895. Colloquium in the History of Gender. 3 Hours.
This colloquium will cover theoretical and topical readings on the history
of manhood, womanhood, and gender systems. (Same as AMS 835 and
WGSS 835.) LEC.

HIST 896. Colloquium in United States Women’s History. 3 Hours.
This colloquium will cover theoretical and topical readings on the history
of women in the United States from the pre-contact period to the present.
It is designed to familiarize students with the most important and current
historiography in the field. (Same as AMS 836 and WGSS 836.) LEC.

HIST 897. Comparative Colloquium in Women’s History. 3 Hours.
This colloquium will approach the history of women from a comparative
perspective through theoretical and topical readings on women in at least
two different cultures. (Same as AMS 837 and WGSS 837.) LEC.

HIST 898. Colloquium in Material Culture and History. 3 Hours.
This course provides an overview of theories and methods used in
material culture studies and their application to historical research, writing,
and presentation. Topics may vary from semester to semester, but could
include vernacular architecture, museum studies, anthropology, cultural
geography, historical archeology, and perceptual theory. The course will
consist of intensive reading, discussion, and written work. While it is not
limited to a particular geographical or chronological area, or discipline,
given the state of the field most topics will be drawn from U.S. history.
LEC.

HIST 900. Independent Research Seminar: ____. 3 Hours.
Design and completion of an independent project, culminating in the
production of a professional-quality paper based on original, primary
source research. Prerequisite: Consent of the instructor. LEC.

HIST 901. Research Seminar in Global History. 3 Hours.
A research seminar oriented around cross-regional, comparative,
and transnational aspects of history, culminating in production of a
professional-quality paper based in original, primary source research.
SEM.

HIST 910. Seminar in Roman History: ____. 3 Hours.
A research seminar in specialized aspects of Roman history. May be
repeated for credit. LEC.

HIST 913. Numismatics as a Basis for Study of Roman Noble
Families of the Late Republic. 3 Hours.
A seminar involving the study of the importance and influence of the noble
families of Rome on Roman history (200-27 B.C.) with special emphasis on
the literary and numismatic evidence. Reading knowledge of Latin will
be essential for this course. LEC.

HIST 914. The Major Roman Historians. 3 Hours.
An analysis and criticism of the works of the most significant Roman
historians from Sallust to Ammianus Marcellinus, including a comparison and
contrast between the Latin and Greek historians who wrote during the
Graeco-Roman period (150 B.C.-378 A.D.). LEC.

HIST 918. Elements of Latin Paleography. 3 Hours.
Introduction to the techniques of reading, dating, and localizing medieval
Latin manuscripts. LEC.
HIST 919. Seminar in Medieval Europe. 2-6 Hours. LEC.

HIST 929. Seminar in Modern European History: __________. 2-5 Hours. A study of sources in some restricted fields and the presentation of research results. A reading knowledge of French or German or some other modern language is desirable. LEC.

HIST 930. Seminar in British History. 3 Hours. A research seminar focusing on new, actively-investigated and controversial themes in British history, chiefly c. 1660-1832. LEC.

HIST 932. Order and Disorder in Britain and America, c. 1750-1920. 3 Hours. The study of the history of crime and protest in their relationship with the wider social and political theory of Britain and America. Specific topics may include the impact of industrialization, the notion of the 'moral economy,' the legal and ideological nature of the death penalty, the crowd in history, and the administrative and intellectual developments in policing, prisons, and asylums. LEC.

HIST 934. Seminar in Modern European History. 1-12 Hours. A research and thesis seminar offered by several members of the Standing Field Committee in Modern European History. Students seeking advanced degrees in European history from the Renaissance to the present will enroll each semester for work on their theses and dissertations. May be repeated. LEC.

HIST 946. Seminar in the Middle East. 3 Hours. A research seminar in Middle East history, with emphasis on the 19th and 20th centuries. The European impact on and relationships with the Middle East are stressed. LEC.

HIST 949. Seminar in Modern Russian History. 3 Hours. A focus on major problems of historical interpretation and research investigation from Peter the Great to the present. LEC.

HIST 950. Seminar in Latin American History. 3 Hours. A research seminar focused on a major theme or problem in Latin American history. LEC.

HIST 951. Seminar in Latin American Revolutions. 3 Hours. This seminar focuses on sweeping socio-political upheavals such as occurred in Mexico in 1910, Guatemala in 1944, Bolivia in 1952, Cuba in 1959, and Nicaragua in 1979. After considering various sociological and political theories of revolution the seminar searches for an understanding of the basic reasons for revolutions in the countries mentioned (and failure of revolutionary efforts elsewhere) and possible common characteristics of the Latin American revolutionary process. LEC.

HIST 952. Seminar in Ideology, Violence and Social Change in Latin America. 3 Hours. Research seminar focusing on the role of ideas and ideologies, values and cultural norms in the history of Latin America. Political action, including rebellions, movements and strikes by the masses and efforts toward social control by elites will also be a major theme. Finally the course will examine the meaning of "social change" for Latin America and when it can be said that "social change" actually occurs. LEC.

HIST 955. Seminar in East Asian History. 3 Hours. A research seminar in East Asian history. Prerequisite: Open only to graduate students having a reading knowledge of at least one East Asian language. LEC.

HIST 962. Seminar in American History. 1-12 Hours. A research and thesis seminar offered by several members of the Standing Field Committee in United States History. Students seeking advanced degrees in United States history will enroll in the seminar for theses and dissertation credit. May be repeated. LEC.

HIST 964. Seminar in American Colonial History. 3 Hours. An intensive, research-oriented study of American history from the 1580s to the 1760s. The course will cover both British America and New France. May be repeated. LEC.

HIST 965. The American Revolutionary Experience. 3 Hours. An intensive, research-oriented study of American history from 1760 to1800. May be repeated. LEC.

HIST 971. Recent American History, 1920 to the Present. 3 Hours. LEC.

HIST 973. Seminar in United States Women’s History. 3 Hours. This research seminar will focus on the history of women in the United States from the pre-contact period to the present. Students will research and write a paper using primary sources, and present those papers to the seminar for evaluation. (Same as AMS 973 and WGS 873.) LEC.

HIST 974. Seminar in American History: __________. 3 Hours. A research course focusing on selected topics in history. LEC.

HIST 975. Seminar in the History of United States Foreign Relations. 3 Hours. An intensive study of United States foreign policy during a selected period. LEC.

HIST 980. Seminar in the Trans-Mississippi West. 1-5 Hours. LEC.

HIST 981. Seminar in Environment and History. 3 Hours. An inquiry into major issues and methods in environmental history, viewed from both an American and modern world perspective. LEC.

HIST 982. Colloquium in the History of the American West. 3 Hours. Study of issues and interpretations in the history of the American West from prehistory to the present, including attention to new approaches and techniques in research. LEC.

HIST 986. Seminar in Historiography of Science. 3 Hours. Examines the various patterns of interpretation influencing current historiography of science: the substance and impact of "internalist" history, which deals with the evolution of scientific ideas; the diversity of "externalist" history, which stresses interaction between the scientist's activity and social environment. Readings and discussions will assess intellectual, chronological, socio-economic, theological, philosophical, national, institutional and literary aesthetic influences on the history of science. LEC.

HIST 998. Portfolio Preparation. 1-6 Hours. Writing and editing of materials in the student's professional portfolio. Graded on a satisfactory/unsatisfactory basis. Prerequisite: Permission of the instructor. RSH.

HIST 999. Doctoral Dissertation. 1-12 Hours. An inquiry into the source material upon a specific subject. Graded on a satisfactory/unsatisfactory basis. Prerequisite: Consent of instructor. THE.

Honors Program Courses

HNRS 177. First Year Seminar: __________. 3 Hours. GE11 / U. A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Honors. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

HNRS 190. Freshman Honors Seminar. 1 Hour. U. This seminar serves as an introduction to the Honors Program, to the research opportunities and other academic resources available at the University of Kansas and to specific disciplinary perspectives on an
overarching theme. While closely examining a topic germane to the
instructor, students develop skills in research, reading, writing and in-
depth discussion. The instructor of the student's seminar also serves
as the academic honors advisor for the enrolled students. Required of
all freshman Honors students; open only to freshmen in the University
Honors Program. LEC.

HNRS 195. Transfer Honors Seminar. 1 Hour. U.
This seminar serves as an introduction to the Honors Program, and to
the research opportunities and other academic resources available at the
University of Kansas. This seminar fosters the transfer students' oral and
written communication and the critical assessment of their academic and
pre-professional goals. The instructor of the student's seminar also serves
as the academic honors advisor for the enrolled students. Open only to
transfer students in the University Honors Program. LEC.

HNRS 300. Honors Commons Course. 3 Hours. H.
An opportunity to investigate a broad topic across various subjects and
disciplines. In alliance with the University Commons at Spooner Hall,
this course examines a problem or topic from perspectives of several
disciplines across the arts, sciences, social sciences and humanities. The
course is complemented by a dedicated annual university lecture series
germane to the course's topic. Prerequisite: Membership in the University
Honors Program. LEC.

HNRS 310. University Scholars Seminar. 3 Hours. U.
An interdisciplinary survey to acquaint students with some of the
main ideas, methods, and outstanding problems in various areas of
scholarship. The organization of human knowledge inside and outside the
university, as well as the implications of this organization for scholarship
and society, are emphasized. Ideas and methods in various disciplines are
contrasted and compared. Required of and open only to newly
admitted students in the University Scholars Program. LEC.

HNRS 320. Global Scholars Seminar. 3 Hours. H.
The Global Scholars Seminar is designed to foster academically talented
and motivated undergraduate students' interest in global studies. Through
interdisciplinary coursework, mentorship and research experience in
global studies, the seminar provides cohorts of students with opportunities
to develop their intellectual capabilities and interests to the fullest and
better prepares them for careers, further study, and leadership roles in
today's complex international arena. Required of and open only to newly
admitted students in the Global Scholars Program. LEC.

HNRS 430. Honors Interdisciplinary Seminar. 3 Hours. U.
An opportunity to synthesize topic across various subjects and disciplines.
This course examines a problem or topic from the perspectives of several
disciplines. Open to qualified sophomores, juniors, and seniors in the
University Honors Program. LEC.

HNRS 492. Topics and Problems on:_____. 1-6 Hours. U.
An interdisciplinary study of different topics. Designed especially for
juniors and seniors. LEC.

HNRS 495. Honors Directed Study. 1-3 Hours. U.
Individual and supervised study of an interdisciplinary topic or topics. May
be repeated for a total of up to 6 hours. Up to one 3-hour enrollment will
count as one course toward completion of the University Honors Program.
Prerequisite: Membership in the University Honors Program and consent
of the instructor. IND.

HNRS 496. Honors Internship. 1-3 Hours. U.
Students participate in an internship in an organization related to their
professional/career goals. An internship plan is developed by the student
in conjunction with the student's academic adviser and an authorized
agent of the internship site. Prerequisite: Instructor permission required.
LEC.

HNRS 497. Honors Freshman Seminar Assistantship. 0 Hours.
Open to all Honors students selected to be Honors Freshman Seminar
Assistants, regardless of major field. These students assist Seminar
instructors in the teaching of an Honors seminar in various ways, including
but not limited to: leading group discussion; engaging students in the
learning process; developing classroom material; encouraging and
guiding students to solve problems themselves and helping students
prepare for their advising assignments. Offered fall semester only. May be
repeated. LEC.

HNRS 520. University Scholars Junior/Senior Seminar. 2-3 Hours. U.
An interdisciplinary seminar course designed for advanced-level students
in the University Scholars Program. Faculty mentors are invited to
attend. Will count toward completion of the University Honors Program.
Prerequisite: HNRS 310 or concurrently. LEC.

Humanities Western Civ Courses

HWC 110. Introduction to Humanities. 3 Hours. HL GE21/GE3H / H.
An introduction to the humanities as a division of learning and to
interdisciplinary study in the humanities. Topics include the history and
role of the humanities in a liberal education, perspectives and methods in
the humanities, the humanities and human diversity, and interdisciplinary
approaches to understanding and interpreting texts. LEC.

HWC 111. Introduction to Humanities, Honors. 3 Hours. HL GE21/
GE3H / H.
An introduction to the humanities as a division of learning and to
interdisciplinary study in the humanities. Topics include the history and
role of the humanities in a liberal education; perspectives and methods in
the humanities; the humanities and human diversity; and interdisciplinary
approaches to understanding and interpreting texts. Prerequisite:
Membership in the University Honors Program. LEC.

HWC 114. Western Civilization I Honors. 3 Hours. AE42/GE11/GE21 /
H.
A program of study emphasizing the reading and discussion of some of
the influential writings and ideas that have shaped the intellectual
and cultural heritage of the Western world. Western Civilization I
includes readings from the ancient, medieval, and early modern periods.
Prerequisite: Membership in the University Honors Program or permission
of department. LEC.

HWC 115. Western Civilization II Honors. 3 Hours. AE42/GE11 / H.
A program of study emphasizing the reading and discussion of some of
the influential writings and ideas that have shaped the intellectual and
cultural heritage of the Western world. Western Civilization II includes
readings from the modern period. Prerequisite: Membership in the University
Honors Program or permission of department. LEC.

HWC 150. Civilizations and the Individual. 3 Hours. HL GE3H / H.
Introduction to perennial themes that define human experience through
reading and discussion of primary texts. Topics may include the nature of
humanity; nature and the supernatural; the individual and the state. LEC.

HWC 151. Civilizations and Individual, Honors. 3 Hours. HL GE3H / H.
Honors version of HWC 150. Introduction to perennial themes that define
human experience through reading and discussion of primary texts.
Topics may include the nature of humanity; nature and the supernatural;
the individual and the state. Prerequisite: Membership in the University
Honors Program, or permission of instructor LEC.

HWC 177. First Year Seminar:_____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing
current issues in Humanities and Western Civilization. Course is designed
to meet the critical thinking learning outcome of the KU Core. First-Year
Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

HWC 204. Western Civilization I. 3 Hours. AE42/GE11/GE21 / H.
A program of study emphasizing the reading and discussion of some of the influential writings and ideas that have shaped the intellectual and cultural heritage of the Western world. Western Civilization I includes readings from the ancient, medieval, and early modern periods. Prerequisite: Not open to freshmen except members of the University Honors Program. LEC.

HWC 205. Western Civilization II. 3 Hours. AE42/GE11 / H.
A program of study emphasizing the reading and discussion of some of the influential writings and ideas that have shaped the intellectual and cultural heritage of the Western world. Western Civilization II includes readings from the modern period. LEC.

HWC 206. Contemporary Western Civilization. 3 Hours. HL GE11/ GE3H / H.
A sequel to the two Western Civilization courses which offers the opportunity to examine influential works of literature, philosophy, history, and political thought written since the end of World War II. In keeping with the decline of colonialism and the growth of global and multicultural civilization since 1945, the readings of the course are selected from both Western and non-Western writers. LEC.

HWC 300. Studies In: _______. 3 Hours. H.
An interdisciplinary course, focusing on different topics and drawing on diverse media, cultures, and historical periods. Humanities-based, this course, depending on its topic, may include the arts, the social sciences, and the natural sciences. May be repeated for credit with different topics. LEC.

HWC 302. European Culture and Society 1945 to Present. 3 Hours. HT AE42 / H.
The course provides historical, cultural, and political overviews of Europe since 1945 with particular emphasis on the contribution of French and Italian culture and society. The course emphasizes Europe's contribution to Western intellectual thought, social movements, arts and literature, and global society. (Same as EURS 302.) LEC.

HWC 304. World Literature I. 3 Hours. HL GE3H / H.
The study of great books in English translation from antiquity through the fifteenth century from two or more national literatures. LEC.

HWC 308. World Literature II. 3 Hours. HL GE3H / H.
The study of great books in English translation from the sixteenth, seventeenth, eighteenth, and early nineteenth centuries from two or more national literatures. LEC.

HWC 312. World Literature III. 3 Hours. HL GE3H / H.
The study of great books in English translation in the modern period (late nineteenth and twentieth centuries) from two or more national literatures. LEC.

HWC 317. Greek and Roman Art. 3 Hours. H/W.
A survey of the art of ancient Greece and Rome (ca. 1000 B.C.E. - 500 C.E.). Emphasis on major sites, architecture, sculpture, and painting. Illustrated lectures and discussion: use of the Wilcox Classical Museum. No knowledge of Greek or Latin is required. Not open to students who have taken both CLSX 526/HA526 and CLSX 527/HA 537, except with permission of the instructor. (Same as CLSX 317, HA 317.) LEC.

HWC 324. Undergraduate Writing & Research Methods. 1 Hour. H.
Preparation for senior thesis project required of HWC majors. Introduction to writing strategies, library investigation, and time management skills. Open to HWC majors and others engaged in research and writing at the undergraduate level. Class will proceed by discussion of skills, methods, and examples, and will culminate in a written proposal from each student. LEC.

HWC 325. Theory and Method in Interdisciplinary Studies in the Humanities. 3 Hours. H.
An introduction to recent cultural theory and interdisciplinary methods used across the humanities and qualitative social sciences. Includes examination of traditional views of the humanities and its implicit cultures along with discussion of new methodologies of cultural analysis. LEC.

HWC 328. Law and the Legal Profession. 3 Hours. H.
An overview of Western Legal education, both in historical and modern contexts. Legal subjects such as constitutional law, contracts, property, the courts and ethics are also studied. Students gain perspective on law as a profession, and the legal environments in which we live. Note: this course does not guarantee admission to law school or constitute entry into the legal profession as a career. It is intended to provide information and help students identify interests in the field of legal study. LEC.

HWC 335. Introduction to Indigenous Studies. 3 Hours. NW / H.
This course is an introduction to the study of modern and historic indigenous peoples. It surveys the concepts, methods and content relevant to Indigenous Studies, using case studies drawn from the diverse indigenous cultures. Special attention is paid to the various ways in which standard academic disciplines --history, anthropology, literature, law, political science, among others --contribute to the study of Indigenous cultures and current issues. The course illustrates that the social, political, religious, and economic aspects of indigenous life are interconnected and tribal histories and cultures cannot be understood without an awareness of these fields. (Same as ISP 335.) LEC.

HWC 348. American Indian and White Relations to 1865. 3 Hours. H.
This course provides an intensive survey of the Indians of North America from Prehistory to 1865, and focuses on ancient indigenous cultures, early European-Indian relations and the impact of European culture upon the indigenous peoples of North America. (Same as HIST 351, ISP 348.) LEC.

HWC 350. American Indians Since 1865. 3 Hours. H.
This course examines American Indian/White relations from reconstruction to the present. It surveys the impact of westward expansion and cultural changes brought about by the Civil War, forced education, intermarriage, the Dawes Act, the New Deal, the World Wars, termination, relocation and stereotypical literature and movies. The class also addresses the Red Power and AIM movements, as well as indigenous efforts to decolonize and to recover and retain indigenous knowledge. After learning about the past from both Native and non-Native source materials, students will multiple perspectives about historical events and gain understandings of diverse world views, values, and responses to adversity. (Same as HIST 352 and ISP 350.) LEC.

HWC 370. The Twentieth Century. 3 Hours. H.
An integrated study of several disciplines such as history, philosophy, art, music, and literature as they relate to the twentieth century in one country, or one historical or aesthetic movement occurring during this time. LEC.

HWC 374. Gender and Sexuality, Ancient and Modern. 3 Hours. H.
Classical Greek and Roman attitudes to gender and sexuality compared and contrasted with modern nations and behaviors. Attention is paid to literature (dramatic, philosophical, medical, and legal texts) and archaeological evidence (vase painting, sculpture, and domestic architecture). The course may include the following topics: age divisions and rites of passage from childhood to maturity; marriage; conception, birth, and infanticide; the family; love; homoeroticism; property and economics; and sexuality and the law, politics, and religion. No knowledge of Greek or Latin is required. (Same as CLSX 374.) LEC.
HWC 380. Modern Themes, Ancient Models: ______. 3 Hours. H.
The study of the evolution of a cultural or literary tradition from the Graeco-Roman world into modern times. The theme of the course will normally vary from semester to semester; topics such as these may be examined: the analysis of a literary genre (e.g. drama, satire, lyric), the transformation of the ancient mythical heritage, the reception of ancient astronomy. Students should consult the Schedule of Classes for the theme of the course in a given semester. With departmental permission, may be repeated for credit as topic varies. (Same as CLSX 350.) LEC.

HWC 390. Comparative Literary Theory. 3 Hours. H.
A study of selected works in literary theory and of selected problems in literary interpretation and comparative literary methodology, designed to examine and apply systematically basic critical principles and approaches. Study of approaches such as feminism, Marxism, deconstruction, psychoanalysis, and cultural studies are carried out through discussion and writing. Prerequisite: Completion of the freshman-sophomore English requirement or its equivalent. LEC.

HWC 410. Dante's Comedy. 3 Hours. H.
The complete Divine Comedy will be read in English translation, with equal stress on each of its three parts—the Inferno, the Purgatory, and the Paradise. The poem will be explained for the general reader by specialists having a variety of perspectives. (Same as HIST 420.) LEC.

HWC 420. The Interrelations of the Humanities and the Arts. 3 Hours. H.
An interdisciplinary seminar on the relations of several of the humanities and the arts. Topics will vary, but the interrelation of the humanities and arts will be the central focus. Not open to freshmen and sophomores; recommended in the junior year. Required of students majoring in humanities. LEC.

HWC 424. Senior Seminar in Humanities. 3 Hours. AE61 / H.
A seminar to result in the student's integration of knowledge within the Humanities major. Students undertake a project that reflects and utilizes the interdisciplinary perspectives of the humanities. Options for the final project include a portfolio, web page, or significant writing project. Not open to freshmen and sophomores; recommended in the senior year. Prerequisite: Completion of at least 9 hours of upper division courses in the major. IND.

HWC 430. European Civilization in World Context: ______. 3 Hours. HL AE42/GE3H / H.
An introduction to the literature of encounters between European and non-European civilizations, drawing on both Western and non-Western sources. The course may include European interactions with areas such as the Mediterranean Basin, Sub-Saharan Africa, South and East Asia, and the Americas. World areas and historical periods chosen for study will vary from semester to semester according to the interest and field of the instructor. Not open to freshmen. (Same as EURS 430.) Prerequisite: HWC 114 or HWC 204 and HWC 115 or HWC 205. LEC.

HWC 435. Islam in Europe. 3 Hours. AE42 / H.
Investigation of Muslim migration into Europe and day-to-day interactions of Muslims with other European populations. This is an integrated study of historical, political, religious and economic influences that determine Muslim experience in contemporary European culture. (Same as EURS 435.) LEC.

HWC 436. Islam in Europe, Honors. 3 Hours. H.
Investigation of Muslim migration into Europe and day-to-day interactions of Muslims with other European populations. This is an integrated study of historical, political, religious and economic influences that determine Muslim experience in contemporary European culture. Prerequisite: Membership in the University Honors Program or permission of department. Not open to students who have completed EURS/HWC 435 LEC.

HWC 460. Animals in Art and Literature. 3 Hours. H.
A study of the role of animals (especially mammals), both wild and domesticated, in defining the nature of human beings and human culture through the disciplines of religious studies, philosophy, history, art and literature. Both western and non-western courses are examined. LEC.

HWC 464. Visions in Art and Literature. 3 Hours. H.
A study of the phenomenon of visions, their expression in various media, and theories of visionary experience from the humanities and social sciences, with a particular emphasis on critically evaluating the relationship between the visionary experience and its expression. (Same as REL 464.) LEC.

HWC 468. Illness in Art and Literature. 3 Hours. H.
An examination of how illness and health have been conceptualized, expressed, and explored in Western literature and art, as well as a consideration of issues and health from the perspectives of philosophy and religious studies. (Same as REL 468.) LEC.

HWC 470. American Health Care: From Origins to Modern Models. 3 Hours. H.
An interdisciplinary analysis of the historical origins and present currents within American medicine. This is an integrated study of basic historical, political, economic and professional influences that underlie the character and practice of healthcare in our century. LEC.

HWC 477. Gender and Religion. 3 Hours. H.
Examination of the symbols, images, scriptures, rites and teachings that define gender in various religious traditions. (Same as REL 477.) LEC.

HWC 490. Roots of Federal Indian Policy. 3 Hours. H.
This course introduces students to the basic concepts and ideologies of US Federal Indian policy. It surveys European intellectual trends that were influential in creating policies applied to colonized native peoples. The course explores the origins of such policies, including removals, "civilization programs," the reservation period, the Dawes (Allotment) Act, the New deal, termination, relocation, NAGPRA and tribal rights, in addition to issues surrounding American Indian identity, tribal membership and demographics. This course serves as a foundation for more in-depth study of Federal Indian Law pertinent to the Indigenous peoples of the United States. (Same as ISP 490.) LEC.

HWC 494. Humanities Directed Study: ______. 1-3 Hours. AE61 / H.
Investigation of a subject in fields or on topics not covered in regularly scheduled courses. May be repeated for a total of 6 hours. Does not replace or satisfy specific course requirements for the HWC major. May be counted as part of the total junior-senior credit hours required. LEC.

HWC 500. Studies in: ______. 3 Hours. H.
A study of significant themes, topics, or problems in the humanities. May also relate an issue in the humanities to the social sciences or natural sciences. May be repeated for credit when the topic varies. LEC.

HWC 505. Europe Today. 3 Hours. AE42 / H.
An exploration of major social, political and economic developments post World War II including the rise of the European Union, the integration of Eastern and Western Europe, the growing role of Islam, attitudes towards the United States, and Europe's role in the world economy. Topics may vary based on current events. LEC.

HWC 510. Science, Technology, and Society. 2-3 Hours. H.
The objective of this course is to provide members of the university community with information that enables them to judge the humanistic, moral, and ethical implications of scientific and technological developments. Formal presentations by guest lecturers, followed by
question-and-answer periods, will alternate with panel discussions, symposia, etc.; prepared by faculty members drawn from the various departments, schools, and organizational units of K.U. LEC.

HWC 514. Totalitarianism and Literature in Central Europe. 3 Hours. H.
This course asks how fiction written in Central Europe engaged and grappled with the totalitarian experience imposed by Nazi and Soviet forms of government. The course focuses on the works by 20th-century Polish, Czech, and Hungarian writers that deal with totalitarianism. (Same as SLAV 514.) LEC.

HWC 520. Literature in Translation: ______. 3 Hours. H.
Studies in one or more national literatures. Discussion and frequent critical papers. Prerequisite: Completion of one junior-senior level course in a language and literature department. LEC.

HWC 524. Chinese Thought. 3 Hours. NW / H/W.
A survey of the principal modes of Chinese thought from their origins through the imperial period. Not open to students with credit in EALC 132. (Same as EALC 642 and PHIL 506.) Prerequisite: Eastern civilization course or a course in Asian history or a distribution course in philosophy. LEC.

HWC 530. Study of a Culture: ______. 3 Hours. H/W.
An interdisciplinary study of elements that have contributed to the development of a particular civilization, such as Irish, Scottish, or Scandinavian. LEC.

HWC 538. Pompeii and Herculaneum. 3 Hours. H.
An interdisciplinary treatment of the art and archaeology of the ancient Roman cities of Pompeii and Herculaneum in Italy. Emphasis on the structures and decorations of major public spaces and houses and on aspects of cultural, social, political, commercial and religious life from the period of the second century B.C.E. to 79 C.E., when Pompeii and Herculaneum were buried by the eruption of Mt. Vesuvius. Slide lectures and discussion. (Same as CLSX 538, HA 538) Prerequisite: Graduate status, or 6 credit hours in Classics, Greek, Latin, History of Art, or permission of the instructor. LEC.

HWC 540. Translation. 3 Hours. H.
Students will undertake substantial work in the translation of non-technical writing, e.g., poems, short stories, novels, essays, from any foreign language to English, and examine the practical and theoretical problems encountered in or raised by translation. Prerequisite: Satisfactory completion of at least third-year foreign language work. LEC.

HWC 552. Foodways: Latin America. 3 Hours. H.
This course explores the traditional foods, ways of eating, and cultural significance of food among peoples of Latin America. The course surveys the vast array of flora in Central and South America and the Caribbean, and focuses on issues of environmental protection, bioethics, food security, and the growth of farming and ranching. The class studies the impact that foods such as maize, potatoes and cacao have had globally, as well as health problems associated with dietary changes. (Same as HIST 512, ISP 552, and LAA 552.) Prerequisite: Upper division course on Latin America, or permission of the instructor. LEC.

HWC 566. The Devil in Russian Literature. 3 Hours. H.
This course traces the various manifestations of the Devil through Russian and European folklore, myth, theology, culture, and literature. Although the focus is on Russian literature, classic European works are discussed, as they had a powerful impact on the modern Russian conception of the Evil One. Readings in English. (Same as SLAV 566.) LEC.

HWC 570. Men and Masculinities. 3 Hours. H.
An intensive examination of the history and theory of masculinities in the Western world. Students become acquainted with some of the key theories of men and masculinities, and develop research projects on a topic negotiated with the instructor. (Same as HIST 626, WGSS 570.) Prerequisite: An upper-division course in History, Humanities and Western Civilization, or Women Gender and Sexuality Studies; or permission of instructor. LEC.

HWC 575. The Body, Self and Society. 3 Hours. H.
An intensive examination of the role of the human body in the creation of personal and social identities in the Western world. Students become acquainted with contemporary theories of embodiment and senses as the body is applied to a variety of historical themes, and develop research projects on topics negotiated with the instructor. (Same as HIST 625, WGSS 575.) Prerequisite: An upper-division course in History, Humanities and Western Civilization, or Women Gender and Sexuality Studies; or permission of instructor. LEC.

HWC 600. Biography of a City: ______. 3 Hours. AE42 / H/W.
Examination in depth of the historical, social, and artistic growth and development of one major urban center. LEC.

HWC 620. Study of a Culture: ______. 3 Hours. H/W.
An interdisciplinary study of elements that have contributed to the development of a particular civilization, such as Irish, Scottish, or Scandinavian. LEC.

HWC 670. Research in Men and Masculinities. 3 Hours.
An intensive examination of the history and theory of masculinities in the Western World since the sixteenth century. Students will become acquainted with some of the key theories of men and masculinities, examine in depth the interplay between manhood and modernity, and develop research projects on a topic negotiated with the instructor. May be repeated if content varies sufficiently. LEC.

HWC 775. Advanced Study in the Body and Senses. 3 Hours.
An intensive examination of the role of the human body in the creation of personal and social identities in the West since the sixteenth century. Emphasis is on understanding how contemporary theories of embodiment are applied to concrete historical or contemporary problems. May be repeated if course content varies sufficiently. LEC.

PCS 120. Introduction to Peace and Conflict Studies. 3 Hours. HT GE11/GE3H / H.
An introduction to the content and methods of peace studies. Peace studies is a multidisciplinary and interdisciplinary approach to the study of war and peace. Building on and integrating the work of various fields of study, the course examines the causes of structural and direct violence within and among societies and the diverse ways in which humans have sought peace, from conquest and balance of power to international organizations and nonviolent strategies. LEC.

PCS 121. Introduction to Peace and Conflict Studies, Honors. 3 Hours. H.
An introduction to the content and methods of peace studies. Peace studies is a multidisciplinary and interdisciplinary approach to the study of war and peace. Building on and integrating the work of various fields of study, the course examines the causes of structural and direct violence within and among societies and the diverse ways in which humans have sought peace, from conquest and balance of power to international organizations and nonviolent strategies. Open only to students admitted to the University Honors Program or by permission of instructor. Not open to students who have completed PCS 120. LEC.
PCS 329. History of War and Peace. 3 Hours. HL / H.
A study of the changing nature of warfare and the struggle to bring about peace. Topics include pacifism, the "military revolution" that created the first professional armies; the development of diplomatic immunity, truces, and international law; the peace settlements of Westphalia, Utrecht, Vienna, Versailles, San Francisco; the creation of peace movements and peace prizes; the evolution of total war, civil war; and guerrilla warfare involving civilians in the twentieth century; the history of the League of Nations and United Nations; and the rise of intergovernmental and non-governmental organizations. (Same as HIST 329 and EURS 329.) LEC.

PCS 550. Classics of Peace Literature. 3 Hours. HL AE51/AE61 / H.
A study of influential proposals for world peace from Erasmus' The Complaint of Peace (1515) to the 1995 Hague Appeal for World Peace. Selected writings by such authors as Erasmus, Hugo Grotius, Jean-Jacques Rousseau, Immanuel Kant, Henry Thoreau, Henri Dunant, Berthe von Suttner, Woodrow Wilson, Mahatma Gandhi, and Martin Luther King, Jr., are considered. (Same as EURS 550.) Prerequisite:completion of minor. IND.

PCS 555. Topics in Peace and Conflict Studies: ____. 3 Hours. H.
This course offers specialized or interdisciplinary perspectives on historical, political, social, and religious movements, institutions, societies, agencies, or texts dealing with conflict resolution. May be repeated for credit with different topics. LEC.

PCS 556. Education for Peace and Non-Violence. 3 Hours. H.
This course reviews the history, aims and methodology of peace education. Topics include examination of the roots and causes of social violence; educational initiatives that seek to reduce structural and direct violence; and teaching methodologies in the field of multicultural education and pedagogy. LEC.

PCS 560. Directed Study on Peace and Conflict Studies. 1-3 Hours. AE61 / H.
Practicum or research under the supervision of a faculty member and with the approval of the Peace and Conflict Studies Minor. Individual conferences, reports, and papers, and, in the case of practicum, supervised experience with an approved organization or agency. Prerequisite: Completion of three core courses in the minor. IND.

PCS 565. The Literature of Human Rights. 3 Hours. H.
Examines in literature, art, and film from about 1800 to the present, both sides of the ongoing debate surrounding the idea that all human persons possess inalienable rights because all persons possess intrinsic value as persons, value independent of race, gender, caste or class, wealth, age, sexual preference, etc. Anti- and pro-rights proponents are paired and studied with equal care. (Same as EURS 565.) LEC.

PCS 560. Senior Seminar in Peace and Conflict Studies. 3 Hours. AE61 / H.
This capstone seminar provides a sustained and in-depth study of a particular topic in Peace and Conflict Studies, to be chosen by the instructor. Each student is required to carry out a substantive research project to produce a term paper or comparable work. Required for completion of minor. Prerequisite: Students must have completed at least nine hours in the minor before enrolling. LEC.

PCS 760. Investigation and Conference on Peace and Conflict Studies. 3 Hours.
Research under the supervision of a faculty member and approved for the Peace and Conflict Studies program. Individual conferences, reports, and papers; may be combined with classwork. Open only to graduate students. LEC.

PCS 801. Peace and Conflict Studies: Texts and Methods. 3 Hours.
An interdisciplinary study of the historic literature on human conflict and peacemaking and the methods used to analyze and interpret the literature. Peace literature encompasses a range of genres that include religious teachings, philosophical essays, political proposals, treaties and conventions, fiction, poetry, and drama. Approaches to solutions to human conflict cover a spectrum including political revolution, diplomacy and treaties, international law and organizations, and world government. Students produce a substantial graduate-level research project. PCS 801 is required for the Graduate Certificate in Peace Conflict Studies, and to be taken as early as possible in the students program of study. Open only to graduate students. LEC.

PCS 850. Peace and Conflict Studies Research Seminar. 3 Hours.
The capstone of the Graduate Certificate program, providing a sustained and in-depth study of a particular topic in Peace Conflict Studies, to be chosen by the instructor. The members of the seminar have the option of doing a research project or supervised practicum resulting in a substantial paper that integrates their work in the program. Required for the Graduate Certificate and open only to graduate students. Prerequisite: At least six hours of course work toward the Graduate Certificate including PCS 801. SEM.

Information Processing Studies Courses

IPS 101. Elements of the Theory of Computation. 3 Hours. NM / N.
An introduction to the theoretical areas of computer science and their applications. Emphasis will be placed on the methods and standards by which computer science makes judgments and on what computers can and cannot accomplish. Among major topics covered are: how to read and to implement algorithms; what is memory and how much of it is required for various tasks; why computers cannot multiply; how finite-state machines compute; applications of finite-state machines to programming; recognizing languages; formal grammars. "Can machines think?" and other contemporary topics in the philosophy of computer science will be covered as time permits. Prerequisite: MATH 101 or MATH 104. LEC.

IPS 302. Journey Through Genius, Honors. 3 Hours. N.
The course explores some of the most significant and enduring ideas in mathematics: the great theorems, discoveries of beauty and insight that stand today as monuments to the human intellect. Emphasis will be placed on the methods and standards by which mathematics makes judgments. Among the major topics covered are: Euclid and the infinitude of primes, Archimedes determination of circular area, Cardano and the solution of the cubic, the Bernoulliis and the harmonic series, a sample of Euler’s number theory, Cantor and the transffinite realm. Along with the essential mathematics, the humanity of these great mathematicians is captured. Prerequisite: Membership in the University Honors Program, high school algebra and geometry, and permission of the instructor. LEC.

IPS 400. Topics in the Theory of Computing. 1-3 Hours.
This course is designed to allow students to do further readings in the theory of computing beyond the material presented in IPS 101. Topics, scope, and meeting times to be arranged for the individual student. Prerequisite: IPS 101 and consent of instructor. LEC.

Liberal Arts Sciences Courses

L&S 101. Learning Communities Seminar in: ____. 1-2 Hours. U.
This course is designed to expand student's knowledge of the University community by exploring an academic theme and the connections between courses. Through the study of different topics students explore the inherent relationships among fields of study. Designed especially for freshmen and sophomores. Enrollment is limited to students participating in designated learning community. Concurrent enrollment in specified
learning community courses is required. May be repeated for credit up to 4 hours if topic varies. SEM.

LA&S 110. Cherokee Language I. 5 Hours. U.
Emphasizes the vocabulary of and fundamentals of reading and writing the Cherokee language. Students will have an opportunity to learn the language, beliefs, and religious practices of the Cherokee. Taught at Haskell Indian Nations University. LEC.

LA&S 120. Cherokee Language II. 5 Hours. U.
Continuation of Cherokee Language I. Includes an intermediate level of vocabulary skill with increased emphasis on reading and writing. Taught at Haskell Indian Nations University. Prerequisite: LAS 110. LEC.

LA&S 160. Dean's Scholars Program Seminar. 0.5-3 Hours. U.
An enhancement of communication, time management, and leadership skills. The students will explore resources and determine goals pertinent to their objectives regarding graduate school. Restricted to students in the Dean’s Scholars Program. LEC.

LA&S 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, organized around current issues in liberal arts and sciences. First year seminar topics are coordinated and approved through the Office of First Year Experiences. Prerequisite: First-time freshman status. LEC.

LA&S 200. Topics at HINU: ______. 1-6 Hours. U.
Special topics at the undergraduate level. Taught at Haskell Indian Nations University. Special permission from the Provost’s Office required. LEC.

LA&S 202. History of North American Indian Tribes. 3 Hours. NW / H.
Introductory survey of the origin, evolution, and distribution of Indians throughout North America, location of tribes in historic times, their relationships to one another, and their responses to white penetration of the continent. Emphasis on American Indian leadership and major contributions of American Indian people to American society. Taught at Haskell Indian Nations University. LEC.

LA&S 204. Contemporary Issues of the American Indian. 3 Hours. H.
An overview of current and historical issues which have resulted in policies and regulations affecting American Indians and Alaska Natives. The issues include: education, treaties, sovereignty and self-determination, religions, natural resources, legislation, jurisdiction, reservation and/or urban status, federal trust relationship, tribal economics and enterprises, American Indian policy, federal recognition, and current issues both regional and local. Taught at Haskell Indian Nations University. LEC.

LA&S 206. Indian Law and Legislation. 3 Hours. S.
An introduction and general overview of federal Indian law and processes and its relationship to tribal governments. Focus will be on sovereignty and its relationship to the internal and domestic laws of the United States government, tribal governments, and the international community. Taught at Haskell Indian Nations University. LEC.

LA&S 208. Tribal/Federal Government Relations. 3 Hours. S.
An introductory study of the special relationship that exists between the federal government and tribal governments. Included will be a general overview of specific programs, laws, and court decisions that address the unique relationship that exists between two sovereign nations; the United States Government and tribal governments. Taught at Haskell Indian Nations University. LEC.

LA&S 210. Tribal Resources and Economic Development. 3 Hours. S.
Inventory and identify the resources currently available to tribal governments to include natural and human resources and those financial resources available to tribal governments from federal, state, and private resources. Included will be an economic analysis on how to best optimize available resources while recognizing the economic concept of constrained maximization. Taught at Haskell Indian Nations University. LEC.

LA&S 212. Chemical Dependency and the Native American. 3 Hours. S.
Examines the continuum of chemical abuse and dependency and the emotional, physical, intellectual, and spiritual effects of addictions on individuals, families, and communities. In addition, treatment approaches and relapse prevention efforts are discussed. Special emphasis is placed on integrating Native American understandings and responses to chemical addictions. Taught at Haskell Indian Nations University. LEC.

LA&S 230. Cherokee Language III. 5 Hours. U.
Continuation of Cherokee language II. Taught at Haskell Indian Nations University. Prerequisite: LAS 120. LEC.

LA&S 240. Cherokee Language IV. 5 Hours. U.
This course is a continuation of LAS 230, Cherokee Language III, and includes the study of grammar, with particular attention to speaking fluency and continued practice in reading and writing. Taught at Haskell Indian Nations University. Prerequisite: LAS 230. LEC.

LA&S 250. Western Civilization I. 3 Hours. H.
The beliefs and values of Western civilization from the eighth century BC to the close of the eighteenth century are compared with the ideas central to American Indian cultural traditions. Fulfills the Western Civilization I requirement for CLAS. Taught at Haskell Indian Nations University. LEC.

LA&S 252. Western Civilization II. 3 Hours. H.
The beliefs and values of Western Civilization since the close of the eighteenth century are compared with the ideas central to American Indian cultural traditions. Fulfills the Western Civilization II requirement for CLAS. Taught at Haskell Indian Nations University. LEC.

LA&S 290. Approaches to Teaching Science and Mathematics I. 1 Hour. U.
Science and Mathematics students explore teaching as a career by teaching lessons in elementary classrooms in order to obtain first hand experience planning and implementing inquiry-based curriculum. This course is open to any student who has completed or is concurrently enrolled in a science or mathematics course at KU. LEC.

LA&S 291. Approaches to Teaching Science and Mathematics II. 1 Hour. U.
Science and Mathematics students continue to explore secondary teaching as a possible career choice by teaching several lessons in a middle school classroom. The students build upon and practice lesson design skills that were developed in LAS 290, in which they taught in elementary classrooms. Prerequisite: LAS 290. LEC.

LA&S 292. Topics and Problems on: ______. 1-6 Hours. U.
An interdisciplinary study of different topics. Designed especially for freshmen and sophomores. LEC.

LA&S 301. Learning Communities Seminar in: ______. 1-2 Hours. U.
This course is designed to expand student’s knowledge of the University community by exploring an academic theme and the connections between courses. Through the study of different topics students will explore the inherent interdisciplinarity of fields of study. Designed especially for juniors and seniors. Enrollment is limited to students participating in designated learning community. Concurrent enrollment in specified learning community courses is required. May be repeated for credit up to 4 hours. LEC.
LA&S 340. Computers for the Classroom. 1-3 Hours. U.
“The Art and Science of Computer Presentation.” An inter-disciplinary course designed to explore current technology in “Computer Presentations” (various equipment and programs), research the field of information processing, and develop applications for interactive multi-media communications. Not open to students who have received credit for LAS 740. Prerequisite: Consent of instructor. LEC.

LA&S 400. Teaching and Tutoring Writing. 3 Hours. U.
Students explore theories and strategies of teaching and tutoring writing across academic disciplines. They learn more about themselves as writers as they build a repertoire of writing techniques useful in their studies, in the workplace, and in their personal lives. By observing and consulting in the writing center, they understand how reflection leads to responsible/responsive and engaged practice. (Same as ENGL 400.) LEC.

LA&S 414. Ethnobiology. 5 Hours. N.
Integrates Native American traditional knowledge of ecology and biology with modern, western science. One purpose of the course is to preserve the unique knowledge and varied cultural traditions relating to the life sciences that are possessed by indigenous people. Taught at Haskell Indian Nations University. Prerequisite: BIOL 100 or BIOL 150. LEC.

LA&S 450. Topics at Haskell Indian Nations University: ____. 1-6 Hours.
Special topics at the junior/senior undergraduate level. Taught at Haskell Indian Nations University. Special permission from the Provost’s office required. LEC.

LA&S 490. Internship Exploration. 1-5 Hours. AE61 / U.
This course provides credit for supervised practical experiences in an occupational area of interest. In addition to the work-related activity, students complete reading and writing assignments, participate in an online discussion and create a final portfolio of internship accomplishments. Hours of credit recorded (1-5) are based on number of hours at internship site and agreement of instructor. Credit hours will be assigned a letter grade. Prerequisite: Consent of Instructor. LEC.

LA&S 492. Topics and Problems on: ____. 1-6 Hours. U.
An interdisciplinary study of different topics. Topics include Sanskrit. Designed especially for Juniors and Seniors. LEC.

LA&S 700. Writing Center Theory and Administration. 3 Hours.
This course explores theories motivating writing center administration and practice. Students will investigate the multiple functions of writing centers, from writing labs associated with college composition instruction, to decentralized resources for writing faculty teaching writing across the disciplines, to elementary, secondary, and community support centers for writers, to online consultation services. Students will choose a special interest or problem, and, from an administrative perspective, design a research study and propose actions such as creating policy, developing curricula, designing materials, or conducting assessments. (Same as ENGL 885.) Prerequisite: LAS 400, ENGL 400, or consent of instructor. LEC.

LA&S 710. Computer Assisted Language Learning. 1 Hour.
An introduction to the use of computer-based technologies in language learning and teaching. A project-based approach will combine discussions of current research with hands-on technical training. Prerequisite: Consent of instructor LEC.

LA&S 740. Computers for the Classroom. 1-3 Hours.
“The Art and Science of Computer Presentation.” An inter-disciplinary course designed to explore current technology in “Computer Presentations” (various equipment and programs), research the field of information processing, and develop applications for interactive multi-media communications. Not open to students who have received credit for LAS 340. Prerequisite: Consent of instructor. LEC.

LA&S 792. Topics in: ____. 1-3 Hours.
An interdisciplinary study of a variety of topics from the Liberal Arts and Sciences. Usually intended for graduate students, but may also be taken by qualified upper level undergraduates. May be repeated for credit when topic differs. LEC.

**Latin American Caribbean Std Courses**

KAIC 110. Elementary Quichua I. 3 Hours. U.
An orientation to Ecuadorian Quichua language and culture for beginning students. Includes elements of grammar, conversation, and composition. Quichua (a.k.a. Kechwa, Quechua, Kechua, Ketchua, Kichwa, Khetchua, or Runa Ximi) in its various forms is an indigenous language spoken by over six million people in Ecuador, Peru and Bolivia combined. LEC.

KAIC 114. Elementary Quichua II. 3 Hours. U.
Continuation of KAIC 110. Prerequisite: KAIC 110 or equivalent LEC.

KAIC 230. Intermediate Quichua I. 3 Hours. U.
Continuation of KAIC 114. Prerequisite: KAIC 114 or equivalent LEC.

KAIC 234. Intermediate Quichua II. 3 Hours. U.
Continuation of KAIC 230. Prerequisite: KAIC 230 or equivalent LEC.

KQKL 110. Elementary Kaqchikel Maya I. 3 Hours. U.
An orientation to Kaqchikel Maya language and culture for beginning students. Includes elements of grammar, conversation, and composition. Kaqchikel is the first language of approximately 500,000 people of highland Guatemala and one of roughly 30 Mayan languages. LEC.

KQKL 114. Elementary Kaqchikel Maya II. 3 Hours. U.
Continuation of KQKL 110. Prerequisite: Completion of KQKL 110 or equivalent. LEC.

KQKL 230. Intermediate Kaqchikel Maya I. 3 Hours. U.
Continuation of KQKL 114. Prerequisite: Completion of KQKL 114 or equivalent. LEC.

KQKL 234. Intermediate Kaqchikel Maya II. 3 Hours. U.
Continuation of KQKL 230. Prerequisite: Completion of KQKL 230 or equivalent LEC.

LAIC 100. Latin American Culture and Society. 3 Hours. SC AE42 / S.
An introduction to the interdisciplinary study of Latin America, as manifest in the arts and literature, history, and in environmental, political, economic, and social realities. Explores and critiques the principal themes and methodologies of Latin American Studies, with an aim towards synthesizing contributions from several different disciplines. Emphasizes the unique insights and perspectives made possible by interdisciplinary collaboration and provides students with a basic knowledge base for understanding Latin America today. (Same as HIST 124.) LEC.

LAIC 102. Orientation Seminar in Latin American and Caribbean Studies. 1 Hour. U.
LAIC 102 is an online orientation seminar designed to introduce students to the Latin American and Caribbean Studies major at KU and help students place the major in the context of their overall undergraduate experience and career plans. The course provides students with introductory information about Latin America and the Caribbean and the nature of interdisciplinary inquiry, and an interdisciplinary major, and about resources available at KU and beyond for research and study related to the region. During the course, students also learn about typical careers pursued by Latin American and Caribbean Studies majors, reflect on their own educational and career goals, and determine whether the major matches those goals. Finally, the course provides students with...
information about requirements for the major, along with information about when required courses are offered and when they should be taken. LEC.

**LAA 177. First Year Seminar: _____**. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Latin America and Caribbean Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

**LAA 300. Interdisciplinary Themes in Latin American Studies. 3 Hours. AE51 / U.**
This course offers an in-depth examination of several key themes in Latin American Studies. Emphasis is placed on exploring the utility of interdisciplinary methods and on becoming familiar with the theoretical framework that underpins the field. Prior completion of LAA 100 recommended. LEC.

**LAA 302. Topics in Latin American Area Studies: _____**. 3 Hours. U.
Investigation of special topics on Latin America at the undergraduate level. LEC.

**LAA 332. Language and Society in Latin America. 3 Hours. NW AE42 / S.**
This course will examine the cultural and social significance of Amerindian languages in Latin America. Spanish and Portuguese will be related in language situations to Amerindian languages, such as Quechua, Aymara, the Mayan languages, Nahuatl, and Guarani. Some African-substratum Creole languages will be used to illustrate the multifaceted relations between language and ethnic group, sex, nation, geography, social class, context, and social interaction. Prerequisite: Membership in the University Honors Program. LEC.

**LAA 333. Language and Society in Latin America, Honors. 3 Hours. NW AE42 / S.**
This course will examine the cultural and social significance of Amerindian languages in Latin America. Spanish and Portuguese will be related in language situations to Amerindian languages, such as Quechua, Aymara, the Mayan languages, Nahuatl, and Guarani. Some African-substratum Creole languages will be used to illustrate the multifaceted relations between language and ethnic group, sex, nation, geography, social class, context, and social interaction. Prerequisite: Membership in the University Honors Program. LEC.

**LAA 334. Indigenous Traditions of Latin America. 3 Hours. NW AE42 / S/W.**
A survey of the major indigenous traditions of Mesoamerica, the Andes, and lowland tropical Latin America. Coverage emphasizes how indigenous cultural traditions and societies have both continued and changed since the European Invasion and addresses such current issues as language rights, territorial rights, sovereignty, and state violence. Students enrolled in the 600-level section will be required to complete additional research and class leadership tasks. Not open to students who have taken LAA 634. (Same as ANTH 379.) LEC.

**LAA 335. The Politics of Language in Latin America. 3 Hours. NW / S.**
Although approximately 600 indigenous languages are spoken by 30 million people in Latin America, public life is conducted in Spanish. The class provides a comprehensive survey of language issues in Latin America by analyzing the situation of minority language groups, language rights, language policies, and language planning, as well as by considering the questions that arise regarding bilingual education, literacy, and the role of minority languages in educational systems. LEC.

**LAA 402. Topics in Latin American Area Studies. 3 Hours. U.**
Investigation of special topics on Latin America at the undergraduate level. LEC.
LAA 506. Race, Gender, Ethnicity, and Nationalism in Latin America, Honors. 3 Hours. NW AE42 / H.
The development of cultural identity in Latin America is traced through the study of major literary works of the nineteenth and twentieth centuries. The importance of "race," "gender," and "ethnicity" are explored as tools to define national identity in Latin America. The impact of modernization, industrialization, and nationalistic and populist thought on the emergence of distinctive writing and themes is also assessed. Prerequisite: Membership in the University Honors Program. LEC.

LAA 552. Foodways: Latin America. 3 Hours. H.
This course explores traditional foods, ways of eating, and cultural significance of food among peoples of Latin America. The course surveys the vast array of flora in Central and South America and the Caribbean, and focuses on issues of environmental protection, bioethics, food security, and the growth of farming and ranching. The class studies the impact that foods such as maize, potatoes and cacao have had globally, and includes African, Asian, and European influences on Latin cuisine, as well as health problems associated with dietary changes. (Same as HIST 512, HWC 552, and ISP 552.) Prerequisite: Upper division course on Latin America or permission of the instructor. LEC.

LAA 561. Indigenous Development in Latin America. 3 Hours. AE42 / S.
Surveys the history of the development enterprise since WWII, examines the marginalization and impoverishment of Latin America's indigenous peoples, and provides training to carry out projects for and with them to enhance their quality of life. Development is understood as not merely technological or economic, but also social, emotional, and educational. Students work in teams to design their own mock development project. A 3-credit non-obligatory companion course, Applied Anthropological Field School among the Ch'orti' Maya, will follow in the intersession after each version of this course. (Same as ANTH 561.) Prerequisite: ANTH 100, ANTH 108, ANTH 160 or LAA 100; or consent of instructor. LEC.

LAA 587. Multidisciplinary Field School in Partnership with the Chorti Maya. 3 Hours. S.
Teams of interdisciplinary students partner with the Chorti Maya of Guatemala and Honduras to share information and experiences. One third of the course consists of readings and 4-5 orientation sessions on campus, and the second thirds entails two weeks in Central America. Examples of activities might include historical research, water testing and improvement, photography, art, music, tourism consultation, marketing of crafts, human rights advocacy, web design, computer training, and museum work, among others. There are no prerequisites, but students with a working knowledge of Spanish will receive preference for admission. (Same as ANTH 587.) LEC.

LAA 589. Thesys Thesis/Non-Thesis. 1-6 Hours.
Prerequisite: Consent of instructor. THE.

LING 106. Introductory Linguistics. 3 Hours. SC AE41/AE42/GE11/GE3S / S.
Introduction to the fundamentals of linguistics, with emphasis on the description of the sound system, grammatical structure and semantic structure of languages. The course will include a survey of language in culture and society, language change, computational linguistics and psycholinguistics, and will introduce students to techniques of linguistic analysis in a variety of languages including English. (Same as ANTH 106). LEC.

LING 107. Introductory Linguistics, Honors. 3 Hours. SC AE41/AE42/GE11/GE3S / S.
Introduction to the fundamentals of linguistics, with emphasis on the description of the sound system, grammatical structure, and semantic
structure of languages. The course includes a survey of language in
culture and society, language change, computational linguistics and
psycholinguistics, and introduces students to techniques of linguistic
analysis in a variety of languages including English. Open only to students
admitted to the University Honors Program or by consent of instructor.
(Style as ANTH 107.) LEC.
LING 110. Language and Mind. 3 Hours. SI AE41/AE42/GE11/GE3S /
S.
A study of the relation between language and the human mind, focusing
on language as a fundamental aspect of human cognition. Topics include
what is innate and what is learned during first and second language
acquisition, how we process language, and whether there are areas of the
brain specialized for language. LEC.
LING 111. Language and Mind, Honors. 3 Hours. SI AE41/AE42/GE11/
GE3S / S.
A study of the relation between language and the human mind, focusing
on language as a fundamental aspect of human cognition. Topics include
what is innate and what is learned during first and second language
acquisition, how we process language, and whether there are areas of the
brain specialized for language. Open only to students admitted to the
University Honors Program, or by consent of instructor. LEC.
LING 120. The Physics of Speech. 4 Hours. N.
An introduction to the acoustic structure of speech intended for
nonscience majors. Emphasis will be placed on the methods and
standards by which scientists measure and evaluate the physical
characteristics of speech. Topics will include: simple harmonic motion,
the propagation of sound waves, aerodynamic aspects of vocal fold vibration,
resonance, digital speech processing, frequency analysis, and speech
synthesis. Three class hours and one laboratory per week. (Same as
SPLH 120.) Prerequisite: MATH 101 or 104 or equivalent. LEC.
LING 177. First Year Seminar: ____. 3 Hours. SC GE11.
A limited-enrollment, seminar course for first-time freshmen, organized
around current issues in linguistics. May not contribute to major
requirements in linguistics. First year seminar topics are coordinated and
approved through the Office of First Year Experiences. Prerequisite: First-
time freshman status. LEC.
LING 180. Study Abroad Topics in Linguistics: ____. 1-3 Hours. U.
This course is designed for the study of special topics in Linguistics.
Coursework must be arranged through the Office of KU Study Abroad.
May be repeated for credit if content varies. LEC.
LING 300. Empirical Approaches to Languages. 3 Hours. S.
This course provides students with a current overview of experimental
data and up-to-date theories addressing empirical approaches to
the study of language. A hands-on approach is used to facilitate
understanding variation in language comprehension and production,
the biological bases of language, and the acquisition of first and second
languages. LEC.
LING 305. Phonetics I. 3 Hours. S.
This course provides a basic introduction to the study of human speech
sounds. Topics to be covered include anatomy and physiology of the
speech production apparatus, transcription and production of the world’s
sounds, basic acoustics, computerized methods for speech analysis,
acoustic characteristics of speech sounds, stress, and intonation. A hands
on laboratory project is part of the course. Prerequisite: An introductory
course in Linguistics. LEC.
LING 307. Phonetics II. 3 Hours. AE61 / S.
This course is a continuation of Phonetics I (LING 305/705) and provides
a more detailed survey of acoustic and auditory phonetics. Topics
to be covered include vocal tract acoustics, quantal theory, speaker
normalization, theories of speech perception, prosody, the phonetics
of second language acquisition, and the production and perception of
cues to gender, talker, region, and socio-economic status. In addition, a
number of laboratory projects are required. Prerequisite: LING 305. LEC.
LING 308. Linguistic Analysis. 3 Hours. GE11 / H.
Practice in applying the techniques of phonological, grammatical, and
syntactic analysis learned in introductory linguistics to data taken from a
variety of languages of different structural types. Prerequisite: LING 106.
LEC.
LING 310. Introduction to Phonology. 3 Hours. S.
This is an introductory course in phonology. It focuses on crucial
phonological concepts such as the underlying and surface
representations, phoneme and allophone, contrast, alternation,
neutralization, distinctive features, and the syllable. It provides the basic
skill set for phonological analysis, including how to discover phonological
patterns, select underlying representations, and write phonological rules
to capture the patterns. Common phonological universals in the world’s
languages will also be discussed. Prerequisite: LING 305. LEC.
LING 314. Phonological Theory I. 3 Hours. AE61 / S.
This is a survey course on modern phonological theory. It starts with
the discussion of the conspiracy and duplication problems in rule-
based phonology and works its way to Optimality Theory (OT). Topics
in OT include its conceptual and empirical advantages over rule-based
phonology, its potential problems and their possible remedies, the
relevance of phonetics in OT constraints, correspondence theory, and
how OT can be applied to prosodic phenomena such as stress and tone.
It also focuses on theory-building in phonology, with discussions on
the external motivations for phonological grammar, how to lay out the
predictions of a theoretical proposal, and how phonological predictions
can be empirically tested. Prerequisite: LING 312 or instructor consent.
LEC.
LING 320. Language in Culture and Society. 3 Hours. SC AE41/AE61 /
S.
Language is an integral part of culture and an essential means by which
people carry out their social interactions with the members of their society.
The course explores the role of language in everyday life of peoples in
various parts of the world and the nature of the relationship between
language and culture. Topics include world-view as reflected in language,
formal vs. informal language, word taboo, and ethnography of speaking.
(Same as ANTH 320.) LEC.
LING 321. Language in Culture and Society, Honors. 3 Hours. SC
AE41/AE61 / S.
An honors section of LING 320 for students with superior academic
records. Not open to students who have had ANTH 320 or LING 320.
(Same as ANTH 321.) Prerequisite: Membership in the University Honors
Program or consent of instructor. LEC.
LING 325. Syntax I. 3 Hours. H.
An introduction to generative syntax with special attention to theory and
method. The course covers such topics as phrase structure, the lexicon,
transformations and derivation. Prerequisite: LING 106. LEC.
LING 326. Syntax II. 3 Hours. AE61 / S.
An advanced course covering one or more current theories of syntax. The
course provides in-depth reading and discussion on the major areas of
syntactic theory including universal grammar, phrase structure theory;
lexicon and argument structure; binding, control, locality conditions;
constraints on representation and derivation; and the relation between
syntax and the semantic module. Prerequisite: LING 325. LEC.
LING 327. Morphology. 3 Hours. S.
An exploration of several topics in word structure and formation. Covers three broad areas: traditional morphology, morpho-phonology, and morpho-syntax. Traditional morphology includes a survey of several kinds of word formation processes, the internal structure of words, morpheme types, inflection, paradigms, derivation, and compounding. Morpho-phonology deals with phonological constraints on morphological processes and prosodic morphology. Morpho-syntax concentrates on the syntactic properties of morphological phenomena and interaction of syntactic processes and morphology. The course has a strong emphasis on cross-linguistic comparative morphology. Prerequisite: Ling 312 and Ling 325, or permission of instructor. LEC.

LING 331. Semantics. 3 Hours. S.
A study of meaning in natural language usage. Emphasis on referential semantics. Set theory, propositional and first-order logic, and intensional and modal logic as they relate to natural language sentences in a formalized language. Prerequisite: A course in syntax. LEC.

LING 338. Languages of the Jews. 3 Hours. H.
From the beginning, Jewish history and culture is closely tied to language, from Hebrew and Aramaic to the languages of diaspora such as Yiddish and Ladino. Focusing on issues of language in society, this course will survey the languages spoken by the Jews throughout their long history in diverse communities around the world. We will learn about Hebrew as a spoken and a sacred language, examine how Jewish languages are born and die, and discuss the resurrection of Modern Hebrew in the state of Israel. All readings are in English. No prior knowledge of languages or linguistics is required. (Same as JWSH 338.) LEC.

LING 339. Languages of the Jews, Honors. 3 Hours. H.
Honors version of LING 338 or JWSH 338, Languages of the Jews. (Same as JWSH 339.) Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

LING 340. Sociolinguistics. 3 Hours. S.
The formal features of language reflect a broad range of social factors, including age, context, culture, occupation, sex and social class. This course will introduce students to the ways social variables affect the forms of spoken and written language. Prerequisite: An introductory linguistics course or consent of instructor. LEC.

LING 343. Bilingualism. 3 Hours. S.
This course provides an introduction to bilingualism and bilingual education exploring the linguistic, sociolinguistic, and psycholinguistic aspects of bilingualism. We read about and discuss bilingualism in the world and in the U.S.; language maintenance and language loss; effects of languages in contact; bilingual acquisition; the cognitive advantages of bilingualism; and the processing of language in the multilingual mind. Students are guided in conducting a small research project on one of these areas, learning how to read scientific studies about bilingualism and developing an understanding of the relationship between primary research sources and the popular press. LEC.

LING 345. Language and Gender. 3 Hours. S.
This course explores the relationship between language use and gender. The course will specifically focus on how gender affects the ways we use spoken language as well as how we interpret the speech of others. Topics to be discussed will include the function of language in social relationships and language variation in different social contexts. LEC.

LING 350. Comparative and Historical Linguistics. 3 Hours. S.
Human language may be characterized as possessing flexibility, which causes languages to be different from one another in different degrees. This course explores the way languages undergo change in time (historical linguistics), and the ways two or more languages are similar or different (comparative linguistics). The course teaches students how to establish whether languages are genetically related or belong to totally different language families. Prerequisite: An introductory course in linguistics. LEC.

LING 370. Introduction to the Languages of Africa. 3 Hours. NW AE42/GE3H / H/W.
A survey of the indigenous languages of Africa from a linguistic perspective, covering the main language families and their geographic distribution, and focusing on the features and structure of the more widely spoken and representative languages in each family (e.g. Fula, Hausa, Maninka, Swahili, Yoruba). (Same as AAAS 370.) LEC.

LING 415. Second Language Acquisition. 3 Hours. H.
Introduction to the study of second language acquisition: The application of theoretical linguistics to the description of the language that a learner acquires, and to the process of acquisition. Prerequisite: An introductory course in linguistics. LEC.

LING 416. Second Language Acquisition II. 3 Hours. AE61 / S.
This advanced course provides in-depth reading and discussion of several current topics including second language acquisition within a generative framework, processing approaches to second language acquisition, and the role of input and learnability principles in second language acquisition. Both theoretical and methodological issues are discussed. Prerequisite: Ling 415 and Ling 325; or permission of instructor. LEC.

LING 418. Introduction to Cognitive Science. 3 Hours. S.
Examines the data and methodologies of the disciplines that comprise Cognitive Science, an interdisciplinary approach to studying the mind and brain. Topics may include: consciousness, artificial intelligence, linguistics, education and instruction, neural networks, philosophy, psychology, anthropology, evolutionary theory, cognitive neuroscience, human-computer interaction, and robotics. (Same as PHIL 418, PSYC 418, and SPLH 418.) Prerequisite: Consent of instructor. LEC.

LING 420. Capstone: Research in Language Science. 3 Hours. AE61 / S.
This course provides a foundation for designing, conducting, and critically evaluating quantitative and qualitative research in the language sciences. Topics include formulating research hypothesis, participant selection, ethical considerations, the scientific method, dependent and independent variables, data collection, descriptive and inferential statistics. Students apply their knowledge of linguistics to formulate a research hypothesis and design an experiment to evaluate this hypothesis. Prerequisite: Ling 305, Ling 312, Ling 325, and either Ling 415, Ling 425, Ling 435, or Ling 438. LEC.

LING 421. Capstone: Typology-Unity and Diversity of Human Language. 3 Hours. H.
This course explores the similarities and differences among the worlds’ languages. Students apply their knowledge of phonetics, phonology, morphology, and syntax in describing and analyzing phenomena from a number of languages. The typological perspective that students develop is applied to topics such as word order, morphological typology, case, lexical categories, and valency. In addition to lecture style instruction, students get hands on practice in collecting, transcribing, and analyzing data from different languages through face to face elicitation with native speakers. Prerequisite: Ling 305, Ling 312, and Ling 325. LEC.

LING 425. First Language Acquisition. 3 Hours. S.
An introductory course in the acquisition of child language. The course will cover relevant historical studies of child language but will focus primarily on recent psycholinguistic approaches toward the description of the process by which a child acquires his native language. Phonological, syntactic, semantic, cognitive, pragmatic, sociolinguistic,
and anthropological aspects of the acquisition process are covered. Prerequisite: An introductory course in linguistics. LEC.

**LING 430. Linguistics in Anthropology, 3 Hours. S.**
The study of language as a symbolic system. Exploration into the interrelatedness of linguistic systems, of nonlinguistic communicative systems, and of other cultural systems. (Same as ANTH 430.) LEC.

**LING 435. Psycholinguistics. 3 Hours. S.**
A detailed examination of issues in the processing of language. The course provides a survey of research and theory in psycholinguistics, reflecting the influence of linguistic theory and experimental psychology. Spoken and written language comprehension and language production processes are examined. Prerequisite: An introductory course in linguistics or permission of instructor. LEC.

**LING 437. Topics in Psycholinguistics. 3 Hours. AE61 / S.**
An in-depth examination of selected topics in psycholinguistics. Topics may include spoken language processing, written language processing, neurolinguistics, prosody, and syntactic processing. Prerequisite: LING 435 or consent of instructor. LEC.

**LING 438. Neurolinguistics I. 3 Hours. S.**
The course explores how language is represented and processed in the human brain. This includes a critical survey of the foundations and the current research in the cognitive neuroscience of language, focusing on the techniques of functional brain imaging (fMRI, PET, EEG, MEG, and related methods), and research on aphasia and other language disorders. This course also includes a component providing laboratory experience with brain imaging research on language. Prerequisite: At least one course in linguistics or permission of the instructor. LEC.

**LING 440. Linguistic Data Processing. 3 Hours. H.**
This course introduces the tools and techniques necessary to analyze fieldwork data, including research design, recording and elicitation techniques, computational data processing and analysis, and field ethics. The course also covers field recording and data analysis technology, along with methods of phonetic transcription, grammatical annotation and analysis of language context. Practice of techniques is provided via short studies of at least one language. Prerequisite: LING 305 or permission of instructor. LEC.

**LING 441. Field Methods in Linguistic Description. 3 Hours. AE61 / H.**
The elicitation and analysis of phonological, grammatical, and discourse data from a language consultant. In-depth research on one language. Techniques of research design, methods of phonetic transcription, grammatical annotation, and analysis of language context. Prerequisite: LING 305, LING 312, and LING 325 or permission of instructor. LEC.

**LING 442. Neurolinguistics II. 3 Hours. S.**
An in-depth discussion of the representation and processing of language from a cognitive neuroscience perspective. This course involves critical discussion of selected topics of current research interest in neurolinguistics. The course also includes a significant hands-on component, in which students receive training in research on the cognitive neuroscience of language by developing and implementing a new EEG study on an aspect of language, as well by completing as a series of mini-labs introducing neuroimaging methods and analyses. Prerequisite: LING 438 or permission of the instructor. LEC.

**LING 447. North American Indian Languages. 3 Hours. AE41 / S.**
This course introduces students to the indigenous languages of North America. Students critically examine the structures and status of these languages, which have greatly expanded our knowledge of human language and linguistic theory. Topics include the history and future of North American languages and indigenous speech communities, the history of the field of Americanist linguistics, as well as important linguistic questions raised by phenomena from American languages in phonology, morphology, syntax, semantics, and historical linguistics. Prerequisite: An introductory course in linguistics. Not open to students enrolled in 747 LEC.

**LING 451. Topics in Research in Acquisition and Processing: _____. 3 Hours. H.**
This course is primarily intended for students actively engaged in linguistic research on language acquisition, language processing, and neurolinguistics. Students in this course present and discuss study design, methods, data analysis and interpretation of results for their research projects. Professional development topics such as CV development, applications for fellowships, grants and jobs, and the dissemination of research findings are also discussed. May be repeated. Prerequisite: Permission of instructor. LEC.

**LING 470. Language and Society in Africa. 3 Hours. NW AE42/GE3H / H/W.**
Examines issues and problems associated with language use in sub-Saharan Africa from a sociological perspective. Topics covered include an overview of the types of languages spoken on the continent: indigenous languages, colonial languages, pidgens and creoles, and Arabic as a religious language; problems associated with the politics of literacy and language planning; writing and standardization of indigenous languages; and the cultural and ideological dilemmas of language choice. (Same as AAAS 470.) Prerequisite: AAAS 103, AAAS 305, or LING 106; or consent of instructor. LEC.

**LING 483. Computational Linguistics. 3 Hours. S.**
A survey of computer-based approaches to the study of morphology and syntax. In addition to its relevance for basic linguistic research, computer-based syntactic analysis in the form of parsers and syntactic/ string generators, provide model testers for the linguistic and analytical tools for the computer scientist concerned with language applications. When taught with LING 783, students at the 700 level will have different course requirements. Prerequisite: An introductory course in linguistics. LEC.

**LING 490. Independent Study. 1-3 Hours. AE61 / U.**
A special research project or directed readings in an area of linguistics not covered in other courses. No more than 3 hours of LING 490 may be applied toward the requirements for the major. Prerequisite: Consent of instructor. IND.

**LING 491. Topics in Linguistics: _____. 1-3 Hours. H.**
The content, prerequisites, and credits of this course will vary. May be repeated. IND.

**LING 492. Topics in Linguistics: _____. 1-3 Hours. S.**
The content, prerequisites, and credits of this course will vary. May be repeated. (Distribution credit given for two or three hours only.) Prerequisite: Consent of instructor. IND.

**LING 496. Honors Essay in Linguistics. 1-3 Hours. AE61 / H.**
Individual directed research and preparation of an essay on a linguistic topic. Prerequisite: A grade-point average of 3.5 in linguistics and 3.25 in all courses, and consent of the major adviser. IND.

**LING 539. First Language Acquisition II. 3 Hours.**
A second semester course in child language that explores the acquisition of morphology, syntax, and the ways in which morphology and syntax interact in linguistic theory and language development. Topics covered in the course include agreement, case, null subjects, question formation, pronoun binding, quantification, and control. Prerequisite: LING 325 or LING 425 or consent of instructor. LEC.
LING 543. Language and Culture in Arabic-Speaking Communities. 3 Hours. NW AE42/GE3H / H.
The course examines the links between structure, patterns of use, language choice, and language attitudes in the diglossic and bi-lingual Arabic-speaking communities. It also explores language as a reflector and creator of Arab culture (e.g. linguistic encoding of politeness, the Quranic text as the spoken and written word, the role of tropes in Arabic rhetoric). The topics for discussion range from the macro-level language choice to the macro-level issues of national language policies and planning within the domain of government and education across the Arab world. (Same as AAAS 543) LEC.

LING 556. Native Mesoamerican Writing. 3 Hours. H.
An introduction to the Indigenous writing of Mesoamerica, primarily Epi-Olme and Mayan hieroglyphic writing. The course will survey the languages of the cultures that originated writing in the New World, and demonstrate the methods being used to decipher Mesoamerican hieroglyphic writing. The connections between language, culture, and writing will be highlighted. Prerequisite: An introductory linguistics course. LEC.

LING 570. The Structure of Japanese. 3 Hours. H.
A detailed study of the phonological and grammatical structure of Japanese and the use of the language in social/cultural contexts. Primarily for students who want a linguistic knowledge of the language rather than a practical command of it. (Same as EALC 570.) LEC.

LING 572. The Structure of Chinese. 3 Hours. H.
A detailed study of the phonological and grammatical structure of Chinese and the interactions between language and culture. Depending on student interests, a unit on the pedagogy of teaching Chinese as a foreign language may also be included. Primarily for students who want a linguistic knowledge of the language rather than a practical command of it. (Same as EALC 572.) LEC.

LING 575. The Structure of: ___________. 3 Hours. S.
A detailed study of a language, including its phonological, morphological, syntactic and semantic characteristics. The course provides students with a linguistic knowledge of the language rather than a practical command of it. Prerequisite: A course in linguistics. LEC.

LING 700. Introduction to Linguistic Science. 3 Hours.
An introduction to the theory and techniques of linguistic science for majors and others intending to do advanced work in linguistics and linguistic anthropology. Emphasis on the sound system, grammatical structure, and semantic structure of languages. Lectures and laboratory sessions. (Same as ANTH 725.) Not open to students who have taken ANTH/LING 106 or ANTH/LING 107. Prerequisite: Graduate standing. LEC.

LING 705. Phonetics I. 3 Hours.
This course provides a basic introduction to the study of human speech sounds. Topics to be covered include anatomy and physiology of the speech production apparatus, transcription and production of the world’s sounds, basic acoustics, computerized methods for speech analysis, acoustic characteristics of speech sounds, stress, and intonation. A ‘hands on’ laboratory project is part of the course. Prerequisite: LING 700 or equivalent course. LEC.

LING 706. Current Linguistic Anthropology. 3 Hours.
The fundamental issues, methods, and theories in contemporary linguistic anthropology. (Same as ANTH 706.) Prerequisite: Graduate standing or consent of the instructor. LEC.

LING 707. Phonetics II. 3 Hours.
This course is a continuation of Phonetics I (LING 705) and provides a more detailed survey of acoustic and auditory phonetics. Topics to be covered include vocal tract acoustics, quantal theory, speaker normalization, theories of speech perception, prosody, the phonetics of second language acquisition, and the production and perception of cues to gender, talker, region, and socio-economic status. In addition, a number of laboratory projects will be required. Prerequisite: LING 705. LEC.

LING 708. Linguistic Analysis. 3 Hours.
Practice in applying the techniques of phonological, grammatical, and syntactic analysis learned in introductory linguistics to data taken from a variety of languages of different structural type. (Same as ANTH 736.) Prerequisite: An introductory course in linguistics. Not open to students who have taken LING 308. LEC.

LING 709. First Language Acquisition. 3 Hours.
Introduction to the study of language acquisition: the significant findings, the basic methodological procedures, and some of the more recent theoretical accounts. Not open to students who have taken LING 425. Prerequisite: LING 700 or equivalent course. LEC.

LING 712. Phonological Theory I. 3 Hours.
This is a survey course on modern phonological theory. It starts with the discussion of the conspiracy and duplication problems in rule-based phonology and works its way to Optimality Theory (OT). Topics in OT include its conceptual and empirical advantages over rule-based phonology, its potential problems and their possible remedies, the relevance of phonetics in OT constraints, correspondence theory, and how OT can be applied to prosodic phenomena such as stress and tone. It also focuses on theory-building in phonology, with discussions on the external motivations for phonological grammar, how to lay out the predictions of a theoretical proposal, and how phonological predictions can be empirically tested. The course is offered at the 300 and 700 levels, with additional assignments at the 700 level. Prerequisite: LING 705. LEC.

LING 714. Phonological Theory II. 3 Hours.
This is an advanced course on modern phonological theory. It discusses phonology as an interdisciplinary and experimental discipline and presents current development in both experimental techniques that shed light on speakers’ phonological knowledge and the formal modeling of speakers’ phonological grammar. Issues of learnability and how phonological acquisition can be modeled will also be touched upon. Prerequisite: LING 712. LEC.

LING 715. Linguistics and Second Language Acquisition. 3 Hours.
Introduction to the study of second language acquisition: The application of theoretical linguistics to the description of the language a learner acquires, and to the process of acquisition. Prerequisite: LING 700 or equivalent course. LEC.

LING 716. Second Language Acquisition II. 3 Hours.
This advanced course will provide in-depth reading and discussion of several current topics including second language acquisition within a generative framework, processing approaches to second language acquisition, and the role of input and learnability principles in second language acquisition. Both theoretical and methodological issues will be discussed. Prerequisite: LING 715; LING 725, which may be taken concurrently, or permission of instructor. LEC.

LING 720. Research Methods in Linguistics. 3 Hours.
This course provides a foundation for designing, conducting, and critically evaluating quantitative and qualitative research in the language sciences. Topics include formulating a research hypothesis, participant selection, ethical considerations, the scientific method, validity, reliability, data collection, dependent and independent variables, descriptive and inferential statistics. This course will serve students who are interested
in the basics of research design and statistics for the study of language. Prerequisite: LING 700 or equivalent course. LEC.

LING 722. Linguistic Typology. 3 Hours. H.
Different languages use different linguistic mechanisms to encode meanings. This course surveys grammatical concepts and categories found in the world’s languages including tense, aspect, mood, voice, person, and number as well as case relations such as nominative, accusative, ergative, and absolutive. Basic word order typology and discourse functions such as topic, focus, and cohesion are introduced. Examples will be drawn from a wide variety of languages to illustrate how the same concept may be encoded differently, i.e., morphologically, syntactically, or lexically, in different languages. Prerequisite: LING 700 or equivalent course. LEC.

LING 725. Syntax I. 3 Hours.
The basics of theoretical syntax, examining the principles of universal grammar. Topics include phrase structure, relations among syntactic constituents, and the nature of syntactic rules and lexical categories. Prerequisite: LING 700 or equivalent course. LEC.

LING 726. Syntax II. 3 Hours.
An advanced course covering one or more current theories of syntax. The course will provide in-depth reading and discussion on the major areas of syntactic theory including universal grammar, phrase structure theory, lexical projections of argument structure, binding, control, locality condition, constraints on representation, and the relation between syntax and the semantic module. Prerequisite: LING 725. LEC.

LING 727. Morphology. 3 Hours.
An exploration of several topics in word structure and formation. Covers three broad areas: traditional morphology, morpho-phonology, and morpho-syntax. Traditional morphology includes a survey of several kinds of word formation processes, the internal structure of words, morpheme types, inflection, paradigms, derivation, and compounding. Morpho-phonology deals with phonological constraints on morphological processes and prosodic morphology. Morpho syntax concentrates on the syntactic properties of morphological phenomena and interaction of syntactic processes and morphology. The course has a strong emphasis on cross-linguistic comparative morphology. Prerequisite: LING 712, LING 725, or permission of instructor. LEC.

LING 730. Linguistics in Anthropology. 3 Hours.
The study of language as it concerns anthropology. Language systems in relation to culture, language taxonomy, semantics, linguistic analysis as an ethnographic tool. (Same as ANTH 730.) LEC.

LING 731. Semantics. 3 Hours.
A study of meaning in natural language usage. Emphasis on referential semantics. Set theory, propositional and first-order logic, and intensional and modal logic as they relate to nature. Questions that arise in representing the meanings of natural language sentences in a formalized language. Prerequisite: LING 725. LEC.

LING 732. Discourse Analysis. 3 Hours.
This course focuses on linguistic frameworks for the analysis of discourse. Discourse is a linguistic system larger than the sentence (utterance), which connects and contextualizes speech and written text. This course focuses on current issues and theoretical frameworks in the analysis of discourse. Using oral and written data, students will examine how contexts influence and shape linguistic form. Topics covered include transcription systems, the structure and organization of different genres of language, and the performance of social actions, including stance-taking, framing, and the construction of identity. Students will also have an opportunity to perform discourse analytic research on the data of their choice. (Same as ANTH 732.) Prerequisite: ANTH 706 or permission of the instructor. LEC.

LING 733. Language, Gender, and Sexuality. 3 Hours.
This course focuses on the complex relationship between language use and the social construction of gender and sexuality i.e. how language is used in the construction of gender and sexuality, and how gender and sexuality are performed and enacted through language. Examines theoretical notions of language, gender, and sexuality from linguistics, linguistic anthropology, and sociology. Among the topics covered are cross-cultural definitions of masculinity and femininity, construction of gendered and sexual identities through language use, language and power, ideologies, style, and performativity. The course will consider research on language, gender, and sexuality from a variety of cultures within the last 50 years. (Same as ANTH 733.) Prerequisite: ANTH 706 or permission of the instructor. LEC.

LING 734. Language Evolution. 3 Hours.
Human language demonstrates a level of complexity not found in the communicative systems of other species. This course focuses on the development of human language, so as to obtain a better understanding of the origin and development of human language. Questions addressed include: what features of language are distinct from other communicative system, when did human language originate, in what stages did human language evolve, and how does language relate to properties of the human brain and mind? Data from a variety of disciplines will be considered, including primatology, human development, cognition, evolutionary biology, archaeology, and linguistics. (Same as ANTH 734.) Prerequisite: ANTH 106 or LING 106 or ANTH 107 or LING 107 or ANTH 736 or LING 708 or ANTH 725. LEC.

LING 735. Psycholinguistics I. 3 Hours.
A detailed examination of issues in the processing of language. The course will provide a survey of research and theory in psycholinguistics, reflecting the influence of linguistic theory and experimental psychology. Spoken and written language comprehension and language production processes will be examined. (Same as PSYC 735.) LEC.

LING 737. Psycholinguistics II. 3 Hours.
An in-depth examination of selected topics in psycholinguistics. Topics may include spoken language processing, written language processing, neurolinguistics, prosody, and syntactic processing. (Same as PSYC 737.) Prerequisite: PSYC 735/LING 735 or consent of instructor. LEC.

LING 738. Neurolinguistics I. 3 Hours.
We will explore how language is represented and processed in the human brain. This will include a critical survey of the foundations and the newest state-of-the-art research in the cognitive neuroscience of language, focusing on the techniques of functional brain imaging (fMRI, PET, EEG, MEG, and related methods), and research on aphasia and other language disorders. This course will also include a laboratory component providing hands-on experience with brain imaging research on language. Prerequisite: LING 700 or equivalent course. LEC.

LING 739. First Language Acquisition II. 3 Hours.
A second semester course in child language which explores the acquisition of morphology, syntax and the ways in which morphology and syntax interact in linguistic theory and language development. Topics covered in the course include agreement, Case, null subjects, question formation, pronoun binding, quantification, and control. Prerequisite: LING 709 and LING 725 or permission of the instructor. LEC.

LING 740. Linguistic Data Processing. 3 Hours.
The tools and techniques necessary to analyze linguistic fieldwork data, including research design, recording and elicitation techniques, computational data processing and analysis, and field ethics. Techniques
of research, field recording, and data analysis technology. Methods of phonetic transcription, grammatical annotation, and analysis of language context. Practice of techniques via short studies of at least one language. (Same as ANTH 740.) Prerequisite: LING 700 or permission of instructor. LEC.

LING 741. Field Methods in Linguistic Description. 3 Hours.
The elicitation and analysis of phonological, grammatical, and discourse data from a language consultant. In-depth research on one language. Techniques of research design, methods of phonetic transcription, grammatical annotation, and analysis of language context. (Same as ANTH 741.) Prerequisite: LING 705 or permission of instructor. LEC.

LING 742. Neurolinguistics II. 3 Hours.
An in-depth discussion of the representation and processing of language from a cognitive neuroscience perspective. This course involves critical discussion of selected topics of current research interest in neurolinguistics. The course also includes a significant hands-on component, in which students receive training in research on the cognitive neuroscience of language by developing and implementing a new EEG study on an aspect of language, as well by completing as a series of mini-labs introducing neuroimaging methods and analyses. Prerequisite: LING 738 or permission of the instructor. SEM.

LING 747. North American Indian Languages. 3 Hours.
This course introduces students to the indigenous languages of North America. Students will critically examine the structures and status of these languages, which have greatly expanded our knowledge of human language and linguistic theory. Topics include the history and future of North American languages and indigenous speech communities, the history of the field of Americanist linguistics, as well as important linguistic questions raised by phenomena from American languages in phonology, morphology, syntax, semantics, and historical linguistics. Prerequisite: An introductory course in linguistics. LEC.

LING 748. Language Contact. 3 Hours.
Theories and case studies of languages in contact. Areal and genetic linguistics, genesis of pidgins and creoles, multilingualism. Social, political, economic, and geographic factors in language change. (Same as ANTH 748.) Prerequisite: A course in Linguistics. LEC.

LING 749. Linguistics and Ethnolinguistics of China and Central Asia: _____. 3 Hours.
Selected topics in Linguistics and Linguistic Anthropology, focusing on dominant and/or minority languages of China, Central Asia, or a particular region of Central and Eastern Eurasia. Topics may include any subfield of linguistics, including language contact, typology, dialectology, and sociolinguistics. Topic for semester to be announced. (Same as ANTH 749.) Prerequisite: A course in Linguistics. LEC.

LING 782. Research Methods in Child Language. 3 Hours.
A survey of methods for studying phonological, morphological, syntactic, and semantic change during language development. Methods include: diary interpretation, language sample analysis, probe elicitation tasks, and clinical assessment. (Same as PSYC 782.) LEC.

LING 783. Computational Linguistics. 3 Hours.
A survey of computer-based approaches to the study of phonology, morphology, and syntax. In addition to its relevance for basic linguistic research, computer-based work on phonology is central to current research in speech analysis, speech synthesis, and the major artificial intelligence effort described as speech understanding. Computer-based morphological analysis is of theoretical interest to the linguist as well as a major component in content analysis, information retrieval, and other related application areas. Computer-based parsers and syntactic/string generators provide model testers for the linguist and analytical tools for the computer scientist concerned with language applications. Prerequisite: An introductory linguistics course. LEC.

LING 791. Topics in Linguistics: _____. 1-3 Hours.
The content and prerequisites of this course will vary. May be repeated. Prerequisite: Consent of instructor. LEC.

LING 794. Proseminar. 3 Hours.
Introduction to the field of linguistics. Topics include research literature and research methods, thesis and grant writing, and ethics in linguistic research. Required for all first-year graduate students in linguistics. Graded on satisfactory/unsatisfactory basis. LEC.

LING 799. Proseminar in Child Language. 2 Hours.
A review and discussion of current issues in children’s language acquisition. May be repeated for credit. Students are graded S/F. (Same as ABSC 797, PSYC 799 and SPLH 799.) (Formerly HDFL 797.) LEC.

LING 810. Seminar in Ethnolinguistics: _____. 2-3 Hours.
An advanced study of the relations between language and culture. Subject will vary each semester. Students may repeat the course more than once. (Same as ANTH 810.) LEC.

LING 822. Seminar on Acquisition of Language. 3 Hours.
An analysis of recent theoretical issues and research problems in the study of children's acquisition of language. Prerequisite: LING 709 or consent of instructor. LEC.

LING 850. Topics in Research in Experimental Linguistics: _____. 3 Hours.
This course is primarily for students actively engaged in experimental linguistic research. The course provides students with the opportunity to focus on their current research projects and involves critical analysis, presentation, and discussion of research design, methods, statistical analysis, and data interpretation. May be repeated. Prerequisite: An advanced course in Linguistics or permission of instructor. SEM.

LING 851. Research in Language Acquisition and Processing. 3 Hours.
This course is primarily intended for students actively engaged in linguistic research on language acquisition, language processing, and neurolinguistics. Students in this course present and discuss study design, methods, data analysis and interpretation of results for their research projects. Professional development topics such as CV development, applications for fellowships, grants and jobs, and the dissemination of research findings are also discussed. May be repeated. Prerequisite: Permission of instructor. LEC.

LING 852. Research in Field Linguistics. 3 Hours.
This course is intended for students who are conducting field work on syntax or morphology, typically of an understudied language. The course is structured around a set of topics (variable by semester) which each student will investigate in a particular language. The focus of the course is on data collection and analysis and students will present and discuss the results of their research projects. May be repeated. Prerequisite: Permission of instructor. SEM.

LING 860. Seminar in Second Language Acquisition. 3 Hours.
Analysis of recent theoretical and methodological issues in the study of second language acquisition. Prerequisite: LING 716 or permission of instructor. LEC.

LING 889. Master's Research Project. 1-3 Hours.
A course for students working on their M.A. Research Project. Normally to be taken during the semester in which the student is submitting the M.A. Research Project. Students must enroll for at least one credit hour. Up to three credits will count toward the minimum number of credits required for the M.A. degree in linguistics. RSH.
LING 910. Linguistic Seminar: ___. 1-3 Hours.
The content and prerequisites of this course will vary. May be repeated. LEC.

LING 947. Seminar in Amerindian Linguistics. 1-3 Hours.
The aim of the seminar is to provide opportunity for interaction among faculty and students sharing an interest in North American Native languages and linguistics. Activities include reading, discussion, and criticism of literature on Amerindian languages and linguistics, and reports on current research of the participants. May be repeated. Prerequisite: LING 747. LEC.

LING 980. Linguistics Field Work. 3-6 Hours.
Independent field work with an informant on a language not normally offered at the University of Kansas, or on a non-standard dialect of one of the more accessible languages. Student must show evidence (file slips for grammatical and phonological analysis, dictionary slips, etc.) of having done the required amount of work without necessarily being able to turn in a completed analysis. Normally for three credits; six credits would be available under certain circumstances such as intensive summer work on location away from the university. Graded on satisfactory/unsatisfactory basis. Prerequisite: LING 712 and LING 725. FLD.

LING 997. Ph.D. Examinations. 1-12 Hours.
A course for students writing answers to the preliminary Ph.D. examination and/or preparing to take the Oral Comprehensive Examination. Normally to be taken during the semester in which the student is submitting answers to the written preliminary examination. May be taken for a maximum of two semesters or twelve credits, whichever comes first. Does not count toward the minimum number of credits required for a graduate degree in linguistics. Graded satisfactory/unsatisfactory on the results of the examination. RSH.

LING 998. Independent Study. 1-12 Hours.
Prerequisite: Written consent of instructor. RSH.

LING 999. Doctoral Dissertation. 1-12 Hours.
The.

Mathematics Courses

MATH 2. Intermediate Mathematics. 3 Hours. U.
Mathematics (primarily algebra) preparatory to MATH 101. Qualification: Two years of high school college preparatory mathematics, algebra and geometry, and a score of 16 or more on ACT mathematics; or a qualifying score on the mathematics placement test. MATH 002 is the lowest level mathematics course offered at the University of Kansas. Students not prepared for MATH 101 will be permitted to enroll in MATH 002. However, before enrolling in MATH 002, such students are encouraged to prepare by self-study or by completing a beginning algebra course in high school, community college, or correspondence study. LEC.

MATH 101. College Algebra. 3 Hours. GE12 / U.
Coordinate systems, functions and their graphs; linear, quadratic, general polynomial, rational, exponential, and logarithmic functions; equations and inequalities; linear and non-linear systems and matrices. Not open to students with credit in MATH 104. Prerequisite: MATH 002, or two years of high school algebra and a score of 22 or higher on ACT mathematics, or a qualifying score on the mathematics placement test. LEC.

MATH 103. Trigonometry. 2 Hours. U.
The circular functions and their applications. Not open to students with credit in MATH 104. May not be used to fulfill the College mathematics requirement. Prerequisite: MATH 101, or two years of high school algebra and a score of 26 or higher on enhanced ACT mathematics, or a qualifying score on the mathematics placement test. LEC.

MATH 104. Precalculus Mathematics. 5 Hours. GE12 / U.
An introduction to the elementary functions (polynomial, rational, exponential, logarithmic, and trigonometric) and their properties. Intended primarily for students intending to enroll in MATH 121. Open for only two hours credit for students with credit in MATH 101. Not open to students with credit in MATH 103. Prerequisite: MATH 002, or two years of high school algebra and a score of 22 or higher on ACT mathematics, or a qualifying score on the mathematics placement test. LEC.

MATH 105. Introduction to Topics in Mathematics. 3 Hours. GE12 / N.
This course has two purposes. First, to provide the student with some experience and insight into several areas of mathematics not normally covered in elementary courses. Typical topics which may be covered are number theory, geometries, introductory calculus, introductory probability and statistics. Second, to provide the student with some skill in handling abstract mathematical concepts. The material will develop dually the intuitive and axiomatic approach. A high degree of manipulative skill is not required for this course. Prerequisite: MATH 101 or MATH 104, or two years of high school algebra and a score of 26 or higher on ACT mathematics, or a qualifying score on the mathematics placement test. LEC.

MATH 109. Mathematics for Elementary School Teachers I. 3 Hours. U.
This course is designed to give the prospective elementary school teacher an overview of several components of the elementary school mathematics curriculum, including number systems, estimation, inequalities and order, sequences and patterns, sets, and relations and functions. The class meets each week for three one-hour instruction sessions and one two-hour laboratory session. This course may not be used to satisfy the College mathematics requirement. Prerequisite: MATH 101 or equivalent placement. LEC.

MATH 110. Mathematics for Elementary School Teachers II. 3 Hours. U.
Continuation of MATH 109, including geometry (including transformations) and elementary probability and statistics. Class meets each week for three one-hour instruction sessions and one two-hour laboratory session. This course does not serve as a prerequisite for any mathematics course. It may not be used to satisfy the College mathematics requirement. Prerequisite: MATH 109. LEC.

MATH 111. Matrix Algebra, Probability, and Statistics. 3 Hours. N.
Introduction to topics in matrix algebra, probability, and statistics. Topics will include matrix operations, the use of matrices to solve systems of linear equations, elementary data analysis, elementary statistical procedures, sample spaces and probability measures, random variables, probability models, links between probability and statistics, and applications. Prerequisite: MATH 101 or MATH 104, or two years of high school algebra and a score of 26 or higher on the ACT mathematics, or a qualifying score on the mathematics placement test. LEC.

MATH 115. Calculus I. 3 Hours. GE12 / N.
Elementary differential and integral calculus, with applications in management and the biological sciences. Not open to students with credit in MATH 121. Prerequisite: MATH 101 or MATH 104, or two years of high school algebra and a score of 26 or higher on ACT mathematics, or a qualifying score on the mathematics placement test. LEC.

MATH 116. Calculus II. 3 Hours. NM / N.
Continuation of MATH 115 including exponential, logarithmic, and trigonometric functions, techniques of integration, and the calculus of functions of several variables. Not open to students with credit in MATH 122 or MATH 118. Prerequisite: MATH 115, plus a course in trigonometry, or MATH 121. MATH 103 may be taken concurrently. LEC.
MATH 118. Trigonometry and Calculus. 3-5 Hours. N.
A course combining the material of MATH 103 and MATH 116. Open for only three hours credit to students with credit in MATH 103 or MATH 104, or five hours credit for students who do not have credit in MATH 103 or MATH 104. Not open for credit for students with credit in MATH 116. Prerequisite: MATH 115. LEC.

MATH 119. Differential Calculus. 4 Hours. N.
Study of limits and derivatives of algebraic, trigonometric, exponential and logarithmic functions. Curve sketching, optimization and other applications of the derivative. Antiderivatives, Riemann sums, the definite integral, and the fundamental theorem of calculus. Intended to facilitate appropriate transfer credit and course placement. Open for only 1 hour credit to students with credit in MATH 115. Not open for credit to students with credit in MATH 116 or 121. Prerequisite: MATH 103 or MATH 104, or 3 years of college preparatory mathematics including trigonometry, with a score of 28 or higher on the enhanced ACT Mathematics exam. LEC.

MATH 120. Integration Techniques and Applications. 1 Hour. U.
A study of techniques and applications of integration. Techniques include integration by parts, integration by trigonometric substitution, integration by partial fractions and improper integrals. Applications of integration include area, volume, arc length, average value, and physical applications such as work and hydrostatic force. Not open for credit to students with credit in MATH 116 or MATH 121. Prerequisite: MATH 119. LEC.

MATH 121. Calculus I. 5 Hours. GE12 / N.
Differentiation and integration of algebraic and trigonometric functions. Applications to physical sciences and engineering. Open for only two hours credit to students with credit in MATH 115. Prerequisite: MATH 104; or MATH 103; or three years of college preparatory mathematics including trigonometry and a score of 28 or higher on ACT mathematics; or a qualifying score on the mathematics placement test. LEC.

MATH 122. Calculus II. 5 Hours. NM / N.
Sequences and series. Calculus of functions in polar and spherical coordinates. Three-dimensional vector geometry and vector-valued functions. Multivariable calculus: partial derivatives and multiple integration. Open only for three hours credit to students with credit in both MATH 121 and MATH 116. Prerequisite: MATH 121, MATH 141, MATH 116, or MATH 120. LEC.

MATH 141. Calculus I: Honors. 5 Hours. GE12 / N.
Differential and integral calculus and applications. Prerequisite: Three years of college preparatory mathematics including trigonometry, plus either (1) a score of 34 or more on ACT mathematics and a cumulative high school grade-point average of at least 3.5, or (2) a score of 32 or more on ACT mathematics and a cumulative high school grade-point average of at least 3.7. LEC.

MATH 142. Calculus II: Honors. 5 Hours. NM / N.
Transcendental functions, methods of integration, parametric equations, vector algebra and its applications to analytic geometry. Introduction to partial derivatives and multiple integration. Prerequisite: MATH 121, or equivalent, and invitation of the Department of Mathematics. LEC.

MATH 143. Linear Algebra and Multivariable Calculus: Honors. 5 Hours. N.
Linear spaces, linear transformations and matrices, determinants, eigenvalues and eigenvectors, differential calculus of vector-valued functions, multiple integrals, line integrals and surface integrals. Infinite series. Prerequisite: MATH 122 or MATH 142, or equivalent, and invitation of the Department of Mathematics. LEC.

MATH 177. First Year Seminar: _____. 3 Hours. NM GE11.
A limited-enrollment, seminar course for first-time freshmen, organized around current issues in math. May not contribute to major requirements in math. First year seminar topics are coordinated and approved through the Office of First Year Experiences. Prerequisite: First-time freshman status. LEC.

MATH 197. Mathematical Workshops: _____. 1-3 Hours. U.
Offered to provide opportunities for deeper understanding of freshman-sophomore mathematics through interactive learning. Topics will vary. May be repeated for additional credit. Prerequisite: Variable. LAB.

MATH 220. Applied Differential Equations. 3 Hours. N.
Linear ordinary differential equations, laplace transforms, systems of equations, and applications. Not open to those who have taken MATH 320. Prerequisite: MATH 122 or MATH 142 or equivalent. LEC.

MATH 221. Applied Differential Equations, Honors. 3 Hours. N.
Linear Ordinary Differential Equations, Laplace Transforms, Systems of Equations, Enrichment Applications. Prerequisite: Math 122 or Math 142 or equivalent, and invitation from the Department of Mathematics. Not open to students with credit in Math 320. LEC.

MATH 223. Vector Calculus. 3 Hours. N.
Multivariable calculus, multiple integration, and vector calculus. Prerequisite: MATH 122 or MATH 142 or equivalent. LEC.

MATH 243. Vector Calculus, Honors. 3 Hours. N.
Multivariable Calculus, Multiple Integration, Vector Calculus, Enrichment Applications. Prerequisite: Math 122 or Math 142 or equivalent, and invitation from the Department of Mathematics. LEC.

MATH 290. Elementary Linear Algebra. 2 Hours. N.
Systems of linear equations, matrices, vector spaces, linear transformations, and applications. Not open to those who have taken MATH 590. Prerequisite: MATH 122 or MATH 142 or equivalent. LEC.

MATH 291. Elementary Linear Algebra, Honors. 2 Hours. N.
Systems of Linear Equations, Matrices, Vector Spaces, Linear Transformations, Enrichment Applications. Prerequisite: Math 122 or Math 142 or equivalent, and invitation from the Department of Mathematics. Not open to students who have taken MATH 590. LEC.

MATH 296. Special Topics: _____. 1-3 Hours. N.
Designed for the study of special topics in mathematics at the freshman/sophomore level. May be repeated for additional credit; does not count toward the major or minor in mathematics. Prerequisite: Variable. LEC.

MATH 299. Directed Reading. 1-5 Hours. N.
Directed reading on a topic chosen by the student with the advice of an instructor. May be repeated for additional credit. Consent of the department required for enrollment. IND.

MATH 320. Elementary Differential Equations. 3 Hours. N.
Linear ordinary differential equations, series solutions. Laplace transforms. Systems of equations. Not open to those who have taken MATH 220. Prerequisite: MATH 223 and MATH 290, or MATH 143. LEC.

MATH 321. Differential Equations: Honors. 3 Hours. N.
Linear differential equations with applications, Wronskian, power series solution, systems of differential equations. Prerequisite: MATH 223 and MATH 290 or MATH 143, or equivalent and invitation of the Department of Mathematics. LEC.

MATH 365. Elementary Statistics. 3 Hours. GE12 / N.
Elementary descriptive statistics of a sample of measurements; probability; the binomial, Poisson, and normal distributions, populations and sampling from populations; simple problems of statistical inference. May not be counted for junior-senior credit toward a major in mathematics. Not open to students with credit in BUS 368, BIOL 570, MATH 465, MATH 526, or MATH 628. Prerequisite: MATH 101, MATH 104, or MATH 111. LEC.
MATH 409. Topics in Geometry for Secondary and Middle School Teachers. 2 Hours. N.
Study of selected topics from Euclidean, non-Euclidean, and transformation geometry chosen to give breadth to the mathematical background of secondary and middle school teachers. May not be counted for junior-senior credit towards a major in mathematics. Prerequisite: MATH 122. Students enrolled in MATH 409 must concurrently enroll in MATH 410. LEC.

MATH 410. Topics in History of Mathematics for Secondary and Middle School Teachers. 1 Hour. N.
Study of selected topics from mathematical history chosen to provide students with knowledge of major historical developments in mathematics including individual contributions and contributions from different cultures. These topics will include a historical development of Euclidean and non-Euclidean geometry. May not be counted for junior-senior credit towards a major in mathematics. Prerequisite: MATH 122. Students enrolled in MATH 410 must concurrently enroll in MATH 409. LEC.

MATH 450. Discrete Mathematics. 3 Hours. N.
Basic topics in discrete mathematics including sets, logic, relations and functions, graphs and combinatorics. Advanced topics chosen from partially ordered sets and lattices, Boolean algebras, automata, game theory, coding theory, cryptography, optimization and enumeration. Prerequisite: MATH 290. LEC.

MATH 470. Problem Solving. 3 Hours. N.
An introduction to the general methods of solving mathematical problems. Particular techniques such as specialization, generalization, contradiction, and induction will be presented. Topics presented may vary from semester to semester. Prerequisite: MATH 122 or equivalent or concurrent enrollment in MATH 122. LEC.

MATH 500. Intermediate Analysis. 3 Hours. N.
A careful formulation of convergence and limits of sequences and functions; continuity and properties of continuous functions; differentiation; the Riemann integral; mean-value theorems and the fundamental theorem of calculus. Not open to students with credit in MATH 765. Prerequisite: MATH 223 and MATH 290, or MATH 143. LEC.

MATH 510. Introduction to the Theory of Computing. 3 Hours. N.
Finite state automata and regular expressions. Context-free grammars and push-down automata. Turing machines. Models of computable functions and undecidable problems. The course emphasis is on the theory of computability, especially on showing limits of computation. (Same as EECS 510.) Prerequisite: EECS 210 and upper-level EECS eligibility. LEC.

MATH 520. Intermediate Logic. 3 Hours. N.
Formal systems, propositional and predicate logic, completeness theorem, effective procedures, definability in number theory, Godel's incompleteness theorem. Prerequisite: MATH 450, or MATH 588, or MATH 590. LEC.

MATH 526. Applied Mathematical Statistics I. 3 Hours. NM / N.
A first course in statistics for students with the techniques of calculus at their disposal. The following topics are studied with illustrations and problems drawn from various fields of applications: basic notions of probability and probability distributions; classical estimation and testing procedures for one and two sample problems; chi-square test. Not open to those with credit in MATH 628 or DSCI 301. Prerequisite: MATH 122 or MATH 116. LEC.

MATH 530. Mathematical Models I. 3 Hours. N.
An introduction to mathematical models useful in a large variety of scientific and technical endeavors. Topics include: model construction, Markov chain models, models for linear optimization, graphs as models, and game theory. Prerequisite: MATH 223 and MATH 290, or MATH 143. LEC.

MATH 531. Mathematical Models II. 3 Hours. N.
A continuation of MATH 530. Topics include: deterministic and stochastic models of growth processes, growth models for epidemics, rumors and queues; parameter estimation; and methods of comparing models. Prerequisite: MATH 530 and some probability. LEC.

MATH 540. Elementary Number Theory. 3 Hours. N.
Divisibility, primes and their distribution, the Euclidean algorithm, perfect numbers, Fermat's theorem, Diophantine equations, applications to cryptography. Prerequisite: MATH 122 or consent of instructor. LEC.

MATH 542. Vector Analysis. 2 Hours. N.
Vector algebra; vector and scalar fields; line and surface integrals; theorems of Gauss, Green, and Stokes. Curvilinear coordinates. Applications. Introduction to tensor analysis. Not open to those with credit in MATH 143. Prerequisite: MATH 223 and MATH 290. LEC.

MATH 558. Introductory Modern Algebra. 3 Hours. N.
Development of the number systems. Polynomials. Introduction to abstract number systems such as groups and fields. Not open to students with credit in MATH 791. Prerequisite: MATH 290. LEC.

MATH 559. Modern Geometries. 3 Hours. N.
Selected topics in Euclidean geometry. Synthetic and analytic projective geometry; duality, Desargues' theorem, perspectives, conics. Non-Euclidean and metric projective geometries. Prerequisite: MATH 122. LEC.

MATH 562. Evolution of Mathematical Thought. 3 Hours. N.
Development of selected topics from the mainstream of mathematics. Prerequisite: Senior standing and at least nine hours credit in mathematics courses numbered 450 or above. LEC.

MATH 570. Undergraduate Honor Seminar. 3 Hours. AE61 / N.
A seminar for undergraduate students with a strong record in mathematics. Topics may vary. May not be taken twice for credit towards a major in mathematics. Prerequisite: MATH 143 or MATH 321 or permission of instructor. LEC.

MATH 581. Numerical Methods. 3 Hours. N.
An introduction to numerical methods and their application to engineering and science problems. Applied treatment of elementary algorithms selected from the subject areas: finding roots of a single nonlinear equation, numerical differentiation and integration, numerical solution of ordinary differential equations. Emphasis on implementing numerical algorithms using the computer. Not open to students with credit in MATH 781 or MATH 782. Prerequisite: MATH 220 and MATH 290, or MATH 320. LEC.

MATH 590. Linear Algebra. 3 Hours. N.
Vector spaces, linear transformations, and matrices. Canonical forms, Determinants. Hermitian, unitary and normal transformations. Not open to students with credit in MATH 792. Prerequisite: MATH 223 and MATH 290 or equivalent, or MATH 143. LEC.

MATH 591. Applied Numerical Linear Algebra. 3 Hours. N.
An introduction to numerical linear algebra. Possible topics include: applied canonical forms, matrix factorizations, perturbation theory, systems of linear equations, linear least squares, singular value decomposition, algebraic eigenvalue problems, matrix functions, and the use of computational software. Not open to students with credit in MATH 780 or MATH 782. Prerequisite: MATH 290. Recommended: EECS 138 or equivalent experience. LEC.
MATH 596. Special Topics: ______. 1-3 Hours. N.
Arranged as needed to present appropriate material to groups of students. May be repeated for additional credit. Prerequisite: Variable. LEC.

MATH 601. Algebraic Coding Theory. 3 Hours. N.
An introduction to error correcting codes. Included are: linear codes, cyclic codes, BCH codes, and convolutional codes. Prerequisite: MATH 290. LEC.

MATH 605. Applied Regression Analysis. 3 Hours. N.
The matrix approach to regression. Weighted least squares, transformations, examination of residuals, model selection, and analysis of variance. Prerequisite: One calculus-based statistics course. LEC.

MATH 611. Time Series Analysis. 3 Hours. N.
An introduction to the theory and computational techniques in time series analysis. Descriptive techniques: trends, seasonality, autocorrelations. Time series models: autoregressive, moving average, ARIMA models; model specification and fitting, estimation, testing, residual analysis, forecasting. Stationary processes in the frequency domain: Fourier methods and the spectral density, periodograms, smoothing, spectral window. Prerequisite: MATH 122 and a calculus based statistics course. LEC.

MATH 624. Discrete Probability. 3 Hours. N.
Theory and applications of discrete probability models. Elementary combinatorial analysis, random walks, urn models, occupancy problems, and the binomial and Poisson distributions. Prerequisite: MATH 223 and MATH 290, or MATH 143. LEC.

MATH 627. Probability. 3 Hours. N.
Introduction to mathematical probability; combinatorial analysis; the binomial, Poisson, and normal distributions; limit theorems; laws of large numbers. Prerequisite: MATH 223 and MATH 290 or equivalent, or MATH 143. LEC.

MATH 628. Mathematical Theory of Statistics. 3 Hours. N.
An introduction to sampling theory and statistical inference; special distributions; and other topics. Prerequisite: MATH 627. LEC.

MATH 630. Actuarial Mathematics. 3 Hours. N.
This course is an introduction to some of the notions and computations in actuarial mathematics. Many computations are associated with compound interest with applications to bank accounts, mortgages, pensions, bonds, and annuities. Life contingencies are considered for annuities and insurance. Some introduction to option pricing is given, particularly the Black-Scholes formula. This course provides the background material needed for some of the initial examinations given by the societies for actuaries, including the Financial Mathematics Exam. Prerequisite: MATH 526 or MATH 627 or a comparable course in probability. LEC.

MATH 631. Operations Research. 3 Hours. N.
An introduction to commonly applied techniques. Topics include linear programming, duality and sensitivity analysis, the transportation problem, networks, decision and game theory, inventory models and queuing systems. Prerequisite: A calculus-based statistics course or permission of instructor. LEC.

MATH 646. Complex Variable and Applications. 3 Hours. N.
Analytic functions of a complex variable, infinite series in the complex plane, theory of residues, conformal mapping and applications. Prerequisite: MATH 223. LEC.

MATH 647. Applied Partial Differential Equations. 3 Hours. N.
Boundary value problems; topics on partial differentiation; theory of characteristic curves; partial differential equations of mathematical physics. Prerequisite: MATH 220, MATH 223 and MATH 290; or MATH 320. LEC.

MATH 648. Calculus of Variations and Integral Equations. 3 Hours. N.
Topics in the calculus of variations, integral equations, and applications. Prerequisite: MATH 220, MATH 223 and MATH 290; or MATH 320. LEC.

MATH 660. Geometry I. 3 Hours. N.
An introduction to modern geometry. Differential geometry of curves and surfaces, the topological classification of closed surfaces, dynamical systems, and knots and their polynomials. Other topics as time permits. Prerequisite: MATH 223 and MATH 290, or equivalent, or MATH 143. LEC.

MATH 661. Geometry II. 3 Hours. N.
Continuation of Math 660. Prerequisite: MATH 660 or permission of instructor. LEC.

MATH 696. Special Topics: ______. 1-3 Hours. N.
Arranged as needed to present appropriate material to groups of students. May be repeated for additional credit. Prerequisite: Variable. LEC.

MATH 699. Directed Reading. 1-3 Hours. AE61 / N.
Directed reading on a topic chosen by the student with the advice of an instructor. May be repeated for additional credit. Consent of the department required for enrollment. IND.

MATH 701. Topics in Mathematics for Teachers: ______. 1-6 Hours.
Material, including both mathematical content and teaching methodology, related to classroom use at various levels, elementary through secondary. Topics may vary. May not be counted for junior-senior credit towards a major in mathematics, nor for graduate credit towards a graduate degree in mathematics. Prerequisite: Permission of instructor. RSH.

MATH 715. Sampling Techniques. 3 Hours.
Statistical methodology of survey sampling. Data analysis and estimation methods for various experimental designs; fixed or random sample sizes, pre-and/or post-stratified samples, and multistage sampling. Estimates of totals, means, ratios and proportions with methods of estimating variances of such estimates. Prerequisite: A post-calculus probability or statistics course. LEC.

MATH 717. Nonparametric Statistics. 3 Hours.
Methods requiring few assumptions about the populations sampled. Topics include quantile tests, tolerance limits, the sign test, contingency tables, rank-sum tests, and rank correlation. Prerequisite: MATH 628 or permission of instructor. LEC.

MATH 722. Mathematical Logic. 3 Hours.
Propositional calculus. First order theories and model theory. Elementary arithmetic and Godel's incompleteness theorems. (Same as EECS 722.) Prerequisite: MATH 665 or MATH 691, or equivalent evidence of mathematical maturity. LEC.

MATH 724. Combinatorial Mathematics. 3 Hours.
An introduction to error correcting codes. Included are: linear codes, cyclic codes, BCH codes, and convolutional codes. Prerequisite: MATH 290. LEC.

MATH 725. Graph Theory. 3 Hours.
Topics in graph theory; graphs; trees; connectivity; Menger's theorem; eulerian and hamiltonian graphs; planarity; coloring of graphs; factorization of graphs; matching theory; alternating chain methods; introduction to matroids; the spectral density; periodograms, smoothing, spectral window. Prerequisite: MATH 122 and a calculus based statistics course. LEC.
MATH 727. Probability Theory. 3 Hours.
A mathematical introduction to premeasure-theoretic probability. Topics include probability spaces, conditional probabilities and independent events, random variables and probability distributions, special discrete and continuous distributions with emphasis on parametric families used in applications, the distribution problem for functions of random variables, sequences of independent random variables, laws of large numbers, and the central limit theorem. Prerequisite: MATH 223 and MATH 290, or equivalent. LEC.

MATH 728. Statistical Theory. 3 Hours. N.
Theory of point estimation and hypothesis testing with applications. Confidence region methodologies and relations to estimation and testing. Prerequisite: MATH 727 or equivalent. LEC.

MATH 735. Optimal Control Theory. 3 Hours.
An examination of the mathematical methods of deterministic control theory is given by considering some specific examples and the general theory. The methods include dynamic programming, the calculus of variations, and Pontryagin’s maximum principle. Various problems of linear control systems, e.g., the linear regulator problem, are solved. Prerequisite: MATH 320 or equivalent. LEC.

MATH 740. Number Theory. 3 Hours.
Divisibility, the theory of congruences, primitive roots and indices, the quadratic reciprocity law, arithmetical functions and miscellaneous additional topics. Prerequisite: MATH 223 and MATH 290, or equivalent. LEC.

MATH 750. Stochastic Adaptive Control. 3 Hours.
Stochastic adaptive control methods. Stochastic processes such as Markov chains and Brownian motion, stochastic integral, differential rule, stochastic differential equations, martingales and estimation techniques. Identification and control of discrete and continuous time linear stochastic systems. Specific applications and simulation results of stochastic adaptive control theory. Prerequisite: MATH 627 and some knowledge of control. LEC.

MATH 765. Mathematical Analysis I. 3 Hours.
MATH 765 and MATH 766 are theoretical courses on the fundamental concepts of analysis and the methods of proof. These two courses include the concept of a real number; limits, continuity, and uniform convergence; derivatives and integrals of functions of one and of several real variables. Prerequisite: MATH 223 and MATH 290, or equivalent. LEC.

MATH 766. Mathematical Analysis II. 3 Hours.
A continuation of MATH 765. Prerequisite: MATH 765. LEC.

MATH 780. Numerical Analysis of Linear Systems. 3 Hours.
Computational aspects of linear algebra, linear equations and matrices, direct and indirect methods, eigenvalues and eigenvectors of matrices, error analysis. Prerequisite: MATH 590 and MATH 781. LEC.

MATH 781. Numerical Analysis I. 3 Hours.
Finite and divided differences. Interpolation, numerical differentiation, and integration. Gaussian quadrature. Numerical integration of ordinary differential equations. Curve fitting. (Same as EECS 781.) Prerequisite: MATH 320 and knowledge of a programming language. LEC.

MATH 782. Numerical Analysis II. 3 Hours.
Direct and iterative methods for solving systems of linear equations. Numerical solution of partial differential equations. Numerical determination of eigenvectors and eigenvalues. Solution of nonlinear equations. (Same as EECS 782.) Prerequisite: MATH 781. LEC.

MATH 783. Applied Numerical Methods for Partial Differential Equations. 3 Hours.
Finite difference methods applied to particular initial-value problems (both parabolic and hyperbolic), to illustrate the concepts of convergence and stability and to provide a background for treating more complicated problems arising in engineering and physics. Finite difference methods for elliptic boundary-value problems, with a discussion of convergence and methods for solving the resulting algebraic system. Variational methods for elliptic problems. Prerequisite: MATH 647 or equivalent. LEC.

MATH 790. Modern Algebra II. 3 Hours.
A theoretical course on the fundamental concepts and theorems of linear algebra. Topics covered are: vector space, basis, dimension, subspace, norm, inner product, Banach space, Hilbert space, orthonormal basis, positive definite matrix, minimal polynomial, diagonalization and other canonical forms, Cayley-Hamilton, spectral radius, dual space, quotient space. Prerequisite: MATH 590. LEC.

MATH 791. Modern Algebra III. 3 Hours.
This course includes the following topics: multiplicative properties of the integers and introductions to group theory, ring theory and field theory. Prerequisite: MATH 223 and MATH 290, or equivalent. LEC.

MATH 796. Special Topics: ____. 1-3 Hours.
Arranged as needed to present appropriate material for groups of students. May be repeated for credit. Prerequisite: Variable. LEC.

MATH 800. Complex Analysis I. 3 Hours.
Cauchy’s theorem and contour integration; the argument principle; maximum modulus principle; Schwarz symmetry principle; analytic continuation; monodromy theorem; applications to the gamma function and Riemann’s zeta function; entire and meromorphic functions; conformal mapping; Riemann mapping theorem; univalent functions. Prerequisite: MATH 766 or concurrently with MATH 766. LEC.

MATH 801. Complex Analysis II. 3 Hours.
Continuation of MATH 800. Prerequisite: MATH 800. LEC.

MATH 802. Set Theory. 3 Hours.
Axiomatic set theory; transfinite induction; regularity and choice; ordinal and cardinal arithmetic; miscellaneous additional topics (e.g., extra axioms such as GCH or MA; infinite combinatorics; large cardinals). Prerequisite: MATH 765 or MATH 791, or concurrent enrollment in MATH 765 or MATH 791, or equivalent evidence of mathematical maturity. LEC.

MATH 810. Real Analysis and Measure Theory I. 3 Hours.

MATH 811. Real Analysis and Measure Theory II. 3 Hours.
Continuation of MATH 810. Prerequisite: MATH 810. LEC.

MATH 820. Introduction to Topology. 3 Hours.
General topology. Set theory; topological spaces; connected sets; continuous functions; generalized convergence; product and quotient spaces; embedding in cubes; metric spaces and metrization; compact spaces; function spaces. Prerequisite: MATH 765. LEC.

MATH 821. Algebraic Topology I. 3 Hours.
The fundamental group and covering spaces (including classification); compact surfaces; homology theory, computations (including homotopy invariance) and applications (including Brouwer fixed point theorem);
MATH 865. LEC.
Models in many pure and applied areas. Prerequisite: MATH 727 and equations. These techniques provide useful and important tools and properties of martingales and random walks and then develop into the finance, engineering, and statistics. The course will start with basic applications to topics selected from classical analysis (linear PDE), calculus with respect to a large class of semi-martingales and its
This is a second course in stochastic processes, focused on stochastic calculus with respect to a large class of semi-martingales and its applications to topics selected from classical analysis (linear PDE), finance, engineering, and statistics. The course will start with basic properties of martingales and random walks and then develop into the core program on Itô's stochastic calculus and stochastic differential equations. These techniques provide useful and important tools and models in many pure and applied areas. Prerequisite: MATH 727 and MATH 865. LEC.
MATH 870. The Analysis of Variance. 3 Hours.
The general linear hypothesis with fixed effects; the Gauss-Markov theorem, confidence ellipsoids, and tests under normal theory; multiple comparisons and the effect of departures from the underlying assumptions; analysis of variance for various experimental designs and analysis of covariance. Prerequisite: MATH 628 or MATH 728, and either MATH 590 or MATH 790. LEC.
MATH 872. Multivariate Statistical Analysis. 3 Hours.
The multivariate normal distribution; tests of hypotheses on means and covariance matrices; estimation; correlation; multivariate analysis of variance; principal components; canonical correlation. Prerequisite: MATH 628 or MATH 728, and either MATH 590 or MATH 790. LEC.
MATH 874. Statistical Decision Theory. 3 Hours.
Game theory, admissible decision functions and complete class theorems; Bayes and minimax solutions; sufficiency; invariance; multiple decision problems; sequential decision problems. Prerequisite: MATH 628 and MATH 766. LEC.
MATH 880. Fourier Analysis. 3 Hours.
Introduction to modern techniques in Fourier Analysis in the Euclidean setting with emphasis in the study of functions spaces and operators acting on them. Topics may vary from year to year and include, among others, distribution theory, Sobolev spaces, estimates for fractional integrals and fractional derivatives, wavelets, and some elements of Calderon-Zygmund theory. Applications in other areas of mathematics, in particular partial differential equations and signal analysis, will be presented based on the instructor’s and the students’ interests. Prerequisite: Math 810 and Math 800, or instructor’s permission. LEC.
MATH 881. Advanced Numerical Linear Algebra. 3 Hours. N.
Advanced topics in numerical linear algebra including pseudo-spectra, rounding error analysis and perturbation theory, numerical methods for problems with special structure, and numerical methods for large scale problems. Prerequisite: Math 781, 782, 790, or permission of the instructor. LEC.
MATH 890. The Analysis of Variance. 3 Hours.
The general linear hypothesis with fixed effects; the Gauss-Markov theorem, confidence ellipsoids, and tests under normal theory; multiple comparisons and the effect of departures from the underlying assumptions; analysis of variance for various experimental designs and analysis of covariance. Prerequisite: MATH 628 or MATH 728, and either MATH 590 or MATH 790. LEC.
MATH 896. Master's Research Component. 1-6 Hours.
MATH 899. Master's Thesis. 1-10 Hours.
RSH.
MATH 905. Algebraic Curves. 3 Hours.
Algebraic sets, varieties, plane curves, morphisms and rational maps, resolution of singularities, Reimann-Roch theorem. Prerequisite: MATH 800. LEC.
MATH 906. Stochastic Processes II. 3 Hours.
This is a second course in stochastic processes, focused on stochastic calculus with respect to a large class of semi-martingales and its applications to topics selected from classical analysis (linear PDE), finance, engineering, and statistics. The course will start with basic properties of martingales and random walks and then develop into the core program on Itô’s stochastic calculus and stochastic differential equations. These techniques provide useful and important tools and models in many pure and applied areas. Prerequisite: MATH 727 and MATH 865. LEC.
MATH 907. Advanced Numerical Linear Algebra. 3 Hours. N.
Advanced topics in numerical linear algebra including pseudo-spectra, rounding error analysis and perturbation theory, numerical methods for problems with special structure, and numerical methods for large scale problems. Prerequisite: Math 781, 782, 790, or permission of the instructor. LEC.
MATH 920. Lie Groups and Lie Algebras. 3 Hours.
General properties of Lie groups, closed subgroups, one-parameter subgroups, homogeneous spaces, Lie bracket, Lie algebras, exponential map, structure of semi-simple Lie algebras, invariant forms, Maurer-Cartan equation, covering groups, spinor groups. Prerequisite: MATH 766 and MATH 790 and MATH 791. LEC.

MATH 930. Topics in General Topology. 3 Hours.
Paracompact spaces, uniform spaces, topology of continua, Peano spaces, Hahn-Mazurkiewicz theorem, dimension theory, and theory of retracts. Prerequisite: MATH 820. LEC.

MATH 940. Advanced Probability. 3 Hours.
Probability measures, random variables, distribution functions, characteristic functions, types of convergence, central limit theorem. Laws of large numbers and other limit theorems. Conditional probability, Markov processes, and other topics in the theory of stochastic processes. Prerequisite: MATH 811. LEC.

MATH 950. Partial Differential Equations. 3 Hours.
Introduction; equations of mathematical physics; classification of linear equations and systems. Existence and uniqueness problems for elliptic, parabolic, and hyperbolic equations. Eigenvalue problems for elliptic operators; numerical methods. Prerequisite: MATH 766. LEC.

MATH 951. Advanced Partial Differential Equations II. 3 Hours.
The course uses functional analytic techniques to further develop various aspects of the modern framework of linear and nonlinear partial differential equations. Sobolev spaces, distributions and operator theory are used in the treatment of linear second-order elliptic, parabolic, and hyperbolic equations. In particular we discuss the kind of potential, diffusion and wave equations that arise in inhomogeneous media, with an emphasis on the solvability of equations with different initial/boundary conditions. Then, we will survey the theory of semigroup of operators, which is one of the main tools in the study of the long-time behavior of solutions to nonlinear PDE. The theories and applications encountered in this course will create a strong foundation for studying nonlinear equations and nonlinear science in general. Prerequisite: MATH 950 or permission of the instructor. LEC.

MATH 960. Functional Analysis. 3 Hours.
Topological vector spaces, Banach spaces, basic principles of functional analysis. Weak and weak-topologies, operators and adjoints. Hilbert spaces, elements of spectral theory. Locally convex spaces. Duality and related topics. Applications. Prerequisite: MATH 810 and MATH 820 or concurrent with MATH 820. LEC.

MATH 961. Functional Analysis. 3 Hours.
Continuation of MATH 960. LEC.

MATH 963. C*-Algebras. 3 Hours.
The basics of C*-algebras, approximately finite dimensional C*-algebras, irrational rotation algebras, C*-algebras of isometries, group C*-algebras, crossed products C*-algebras, extensions of C*-algebras and the BDF theory. Prerequisite: MATH 811 or MATH 960, or consent of instructor. LEC.

MATH 970. Analytic K-Theory. 3 Hours.
K0 for rings, spectral theory in Banach algebras, K1 for Banach algebras, Bott periodicity and six-term cyclic exact sequence. Prerequisite: MATH 790 and MATH 791 and MATH 960. LEC.

MATH 990. Seminar: ______. 1-10 Hours.
LEC.

MATH 993. Readings in Mathematics. 1-10 Hours.
RSH.
PHIL 140. Introduction to Philosophy. 3 Hours. HR GE11/GE3H / H.
An introductory examination, based primarily on writings of major philosophers, of such central philosophical problems as religious belief, the mind and its place in nature, freedom and determinism, morality, and the nature and kinds of human knowledge. LEC.

PHIL 141. Introduction to Philosophy Honors. 3 Hours. HR AE51/GE11/GE3H / H.
An introductory examination, based primarily on writings of major philosophers, of such central philosophical problems as religious belief, the mind and its place in nature, freedom and determinism, morality, and the nature and kinds of human knowledge. Prerequisite: Open only to students in the Philosophy Honors Program or by consent of department. LEC.

PHIL 148. Reason and Argument. 3 Hours. GE11/GE3H / H.
An introduction to the theory and practice of logical analysis. Special emphasis is placed upon the logical appraisal of everyday arguments. LEC.

PHIL 160. Introduction to Ethics. 3 Hours. HR AE51/GE11/GE3H / H.
An introductory study of the nature of morality and of philosophical bases for the assessment of actions, agents, and institutions. Special emphasis will be placed upon the views of such important philosophers as Aristotle, Hume, Kant, and Mill. Some attention will be paid to applications of moral theory to practice. LEC.

PHIL 161. Introduction to Ethics Honors. 3 Hours. HR AE51/GE11/GE3H / H.
An introductory study of the nature of morality and of philosophical bases for the assessment of actions, agents, and institutions. Special emphasis will be placed upon the views of such important philosophers as Aristotle, Hume, Kant, and Mill. Some attention will be paid to applications of moral theory to practice. Prerequisite: Open only to students in the Philosophy Honors Program or by consent of department. LEC.

PHIL 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Philosophy. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LAB.

PHIL 180. Introduction to Social and Political Philosophy. 3 Hours. HR AE51/GE3H / H.
An introductory study, based primarily on classic philosophical texts, of such central issues as the justification of governmental authority, the social sources of power, the nature of a just distribution of social resources, competing conceptions of human nature, and the proper limits of governmental interference with individual liberty. LEC.

PHIL 181. Introduction to Social and Political Philosophy, Honors. 3 Hours. HR AE51/GE3H / H.
An introductory study, based primarily on classic philosophical texts, of such central issues as the justification of governmental authority, the social sources of power, the nature of a just distribution of social resources, competing conceptions of human nature, and the proper limits of governmental interference with individual liberty. Prerequisite:
PHIL 200. Study Abroad Topics in Philosophy: ______. 1-6 Hours. H.
This course is designed for the study of special topics in Philosophy.
Coursework must be arranged through the Office of KU Study Abroad.
May be repeated for credit if content varies. LEC.

PHIL 310. Introduction to Symbolic Logic. 3 Hours. GE11/GE3H / H.
An introduction to the theory and practice of elementary symbolic logic.
Special emphasis will be placed upon the logical analysis of mathematical
proof and upon a proof of the consistency of elementary logic. LEC.

PHIL 320. Philosophical Issues in the Life Sciences. 3 Hours. HR
AE51/GE3H / H.
A philosophical analysis of theoretical and ethical issues that arise in the
practice of the life sciences. Discusses the conceptual foundation of the
life sciences—evolutionary theory and genetics. Critically explores the
use of statistical and non-human-animal models. Examines ethical issues
including problems that arise in human and other animal experimentation,
obligations to the environment, proper use of patents, and conflicts in
professional duties. LEC.

PHIL 350. Philosophical Issues in Religion. 3 Hours. GE3H / H.
This course will consider, from a philosophical perspective, some of the
problems in religion which arise in the development of "Natural Theology"
broadly conceived. (Same as REL 380.) LEC.

PHIL 360. Moral Issues in Business. 3 Hours. AE51 / H.
After a brief survey of techniques of moral argument and analysis,
particular moral issues related to business will be discussed. These
will include such topics as advertising, conflict of interest, personal and
corporate responsibility, codes of conduct, private property, strikes, just
wage, and the tension between moral ideals and business pressures.
LEC.

PHIL 365. Moral Issues in the Professions. 3 Hours. H.
An analysis of the nature and justification of standards of professional
conduct. Issues of professional behavior that concern more than one
profession such as fidelity to a client's interests, candor, confidentiality,
obligations to human research subjects, obligations to uphold professional
standards, professional strikes, and affirmative action will be discussed.
LEC.

PHIL 366. Moral Issues in Sports. 3 Hours. H.
This course is a philosophical investigation of the nature and value of
sports. Provides students with an overview of ethical theory and considers
principled answers to questions about the values of sports and about how
those values can be sustained or demeaned. Students debate a variety of
live controversies in sports today such as drugs, cheating, sexism, racism,
the role of sports in educational institutions, Title IX, commercialization,
and violence. LEC.

PHIL 370. Moral Issues in Medicine. 3 Hours. H.
After a brief survey of techniques of moral argument and analysis,
particular moral issues related to medicine will be discussed. The
justification and limits of some rules of professional conduct that deal with
such matters as confidentiality, truth-telling, and protection of medical
research subjects will be considered. Issues relating to death and dying in
medicine such as abortion, euthanasia, and the refusal of life-saving
medical therapy also will be discussed. LEC.

PHIL 375. Moral Issues in Computer Technology. 3 Hours. AE51 / H.
After surveying the nature of ethics and morality and learning some
standard techniques of moral argumentation, we shall examine such
topics as: property and ownership rights in computer programs and
software; privacy in computer entry and records; responsibility for
computer use and failure; the "big brother" syndrome made possible
by extensive personal data banks; censorship and the world-wide web;
computer illiteracy and social displacement; and ethical limits to computer
research. Prerequisite: EECS 168 or permission of instructor. LEC.

PHIL 380. Environmental Ethics. 3 Hours. AE51 / H.
After a brief survey of techniques of moral argument and analysis,
particular moral issues related to the environment will be discussed.
These will include such topics (one of which may be dealt with in depth)
as animal rights, rights of future generations, wilderness preservation,
population control, endangered species, and economics and public policy.
Prerequisite: EVRN 148 or consent of instructor. LEC.

PHIL 381. Feminism and Philosophy. 3 Hours. AE41/GE3H / H.
An examination of topics of philosophical interest that are important in
the feminist movement such as the nature of sexism, the concept of
sexual equality, the ethics of sexual behavior, the nature of love, feminist
analyses of the value of marriage and family, the ethics of abortion, and
justifications for preferential treatment of women. (Same as WGSS 381.)
LEC.

PHIL 384. Ancient Philosophy. 3 Hours. HR GE3H / H.
A survey of the thought of the principal philosophers of ancient Greece,
with emphasis on the pre-Socratics, Plato, and Aristotle. LEC.

PHIL 386. Modern Philosophy from Descartes to Kant. 3 Hours. HR
GE3H / H.
A survey of the writings of such principal philosophers of the modern
period as Descartes, Spinoza, Leibniz, Hobbes, Locke, Berkeley, Hume,
and Kant. LEC.

PHIL 388. Analytic Philosophy: Frege to Quine. 3 Hours. H.
An introduction to the principal figures in the philosophical tradition
that forms the background to contemporary investigations in analytic
philosophy of language. Particular attention will be paid to Frege, Russell,
Wittgenstein, and Quine. Prerequisite: PHIL 310 or equivalent, or PHIL
310 may be taken concurrently. LEC.

PHIL 418. Introduction to Cognitive Science. 3 Hours. S.
Examines the data and methodologies of the disciplines that comprise
Cognitive Science, an inter-disciplinary approach to studying the mind and
brain. Topics may include: consciousness, artificial intelligence, linguistics,
education and instruction, neural networks, philosophy, psychology,
anthropology, evolutionary theory, cognitive neuroscience, human-
computer interaction, and robotics. (Same as LING 418, PSYC 418, and
SPLH 418.) Prerequisite: Consent of instructor. LEC.

PHIL 499. Senior Essay. 3 Hours. AE61 / H.
This course is required, in addition to regular major requirements, of those
students wishing to work for departmental honors in Philosophy. Students
wishing to enroll should first speak with the departmental adviser for
majors. Prerequisite: Open to senior majors in Philosophy by consent of
instructor. IND.
PHIL 506. Chinese Thought. 3 Hours. NW AE42/GE3H / H/W.
A survey of the principal modes of Chinese thought from their origins through the imperial period. Not open to students with credit in EALC 132. (Same as EALC 642 and HWC 524.) Prerequisite: Eastern Civilization course, or a course in Asian history, or a distribution course in Philosophy. LEC.

PHIL 508. Early Greek Philosophy. 3 Hours. H/W.
A study of the doctrines of Greek philosophy before Plato. Emphasis on the Pre-Socratic philosophers, with some attention paid to the Sophists and the Hippocratic corpus. (Same as GRK 508.) Prerequisite: PHIL 384, or GRK 301, or GRK 302, or GRK 303, or GRK 310, or GRK 312, or permission of instructor. LEC.

PHIL 555. Justice and Economic Systems. 3 Hours. H.
An examination of important representative theories of the justness of an economic system, with particular attention paid to such institutions as private property, a market economy, means and relationships of production, and principles of distribution to individuals. The theorists under consideration include Locke, Adam Smith, Marx and Engels, contemporary utilitarians, Rawls, and Nozick. Prerequisite: A course in ethics or an introductory course in economics or in business. LEC.

PHIL 557. Kant. 3 Hours. H.
A survey of the major works of Immanuel Kant, with attention to his critical method and its application to issues in theoretical philosophy, practical philosophy, aesthetics, or the philosophy of history. Prerequisite: PHIL 386. LEC.

PHIL 560. Nineteenth Century Philosophy. 3 Hours. H.
The development of philosophy in the 19th century. Special attention will be paid to such major figures as Hegel, Kierkegaard, Marx, Nietzsche, and Mill. Prerequisite: PHIL 386. LEC.

PHIL 562. Kierkegaard. 3 Hours. H.
A study of the thought of Soren Kierkegaard through examination of some of his major writings. Some attention is given to his influence on the development of existentialist philosophies. Prerequisite: PHIL 384 or PHIL 386. LEC.

PHIL 570. Nietzsche. 3 Hours. H.
A study of Nietzsche’s major writings and ideas, with some attention to his philosophical influence. Prerequisite: PHIL 384 or PHIL 386 or permission of instructor. LEC.

PHIL 580. Marxism. 3 Hours. H/W.
A philosophical study of the classical texts of Marxism and of their contemporary development. Prerequisite: A course in philosophy or a course in political science. LEC.

PHIL 582. Existentialism. 3 Hours. H/W.
A study of the main themes and leading philosophers of the existentialist movement. Prerequisite: Two courses in philosophy. LEC.

PHIL 590. Phenomenology. 3 Hours. H.
A study of the main themes and leading philosophers of the phenomenological movement. Prerequisite: PHIL 386. LEC.

PHIL 592. Contemporary Continental Philosophy. 3 Hours. H.
A study of selected topics in 20th century European philosophy, such as hermeneutics, critical theory, and poststructuralism. Figures to be studied could include Heidegger, Gadamer, Adorno, Habermas, and Foucault. Prerequisite: PHIL 386. LEC.

PHIL 600. Readings in Philosophy: ____. 1-6 Hours. H.
Individual reading on topics not covered in course work. Prerequisite: Consent of instructor. IND.

PHIL 605. The Philosophy of Plato. 3 Hours. H.
A survey of the major works of Plato, with attention both to Plato’s distinctive arguments and positions in the major areas of philosophy and to the distinctive literary form in which Plato presents his thinking. Prerequisite: PHIL 384. LEC.

PHIL 607. The Philosophy of Aristotle. 3 Hours. H.
A survey of the major works of Aristotle, with the aim of understanding Aristotle’s distinctive formulations of central philosophical questions, the arguments he presents for his answers to those questions, and the systematic interconnections between his positions in the different areas of philosophy. Prerequisite: PHIL 384. LEC.

PHIL 608. Hellenistic Philosophy. 3 Hours. H.
Survey of Stoicism, Epicureanism, and Scepticism from their beginnings through the second century AD. Prerequisite: PHIL 384 and another course in philosophy. LEC.

PHIL 610. Symbolic Logic. 3 Hours. H.
Propositional calculus, predicate calculus, consistency, decidability of formal systems, the paradoxes and number concept will be covered. LEC.

PHIL 611. Topics in Symbolic Logic: ____. 1-3 Hours. H.
This course is a workshop in any of a variety of topics in symbolic logic of special importance to contemporary analytic philosophy, such as modal logic, tense logic, axiomatic set theory, Goedel’s theorems, model theory, etc. May be repeated for credit as topics vary. Prerequisite: PHIL 310. LEC.

PHIL 620. Philosophy of Natural Science. 3 Hours. H.
An examination of conceptual and foundational issues in the natural sciences. Topics may include the methodology of science (the nature and status of laws, the precise way in which experiment contributes to theory) and puzzles concerning the content of science (the status of space and time, the problematic nature of quantum mechanics). Prerequisite: PHIL 310 or PHIL 610, or permission of instructor. LEC.

PHIL 622. Philosophy of Social Science. 3 Hours. H.
A critical examination of the methods, concepts, and practices of the social sciences. Topics to be considered may include: theories of explanation, methodological individualism vs. holism, objectivity, the role of rationality, myth and the unconscious in the explanation of behavior, and the value neutrality of science. Prerequisite: One previous course in philosophy, or permission of instructor. LEC.

PHIL 628. Philosophy of Logic. 3 Hours. H.
A systematic treatment of logical theory. Different types of logic will be studied along with their philosophical assumptions, motivations, implications, and uses. Prerequisite: PHIL 310 or PHIL 610. LEC.

PHIL 630. Philosophy of Mathematics. 3 Hours. H.
An examination of varying conceptions of the role and status of mathematical arguments. Topics may include realism/anti-realism, the consequences of Goedel’s Incompleteness Theorems, the role of mathematics in the sciences, and an examination of such historical thinkers as Plato, Frege, Russell, Wittgenstein, Goedel, and Hilbert. Prerequisite: PHIL 310 or PHIL 610, or permission of instructor. LEC.

PHIL 638. Philosophy of Language. 3 Hours. AE61 / H.
An examination of the nature of language using the methods of analytic philosophy. Topics may include meaning, truth, reference, language and thought, and the nature of linguistic rules. Prerequisite: PHIL 388 or permission of instructor. LEC.

PHIL 648. Theory of Knowledge. 3 Hours. AE61 / H.
An examination of the nature of knowledge. Topics may include the concept of knowledge, knowledge of the external world, induction, theories of justification, and scientific knowledge. Prerequisite: PHIL
384 and PHIL 386, PHIL 388 (which may be taken concurrently), or permission of instructor. LEC.

PHIL 650. Metaphysics. 3 Hours. AE61 / H.
An examination of some of the central issues in metaphysics. Topics may include causation, the mind-body problem, free will and determinism, modality, natural kinds, the nature of properties, and personal identity. Prerequisite: PHIL 384 and PHIL 386, PHIL 388 (which may be taken concurrently), or permission of instructor. LEC.

PHIL 654. Philosophy of Mind. 3 Hours. AE61 / H.
An examination of the nature of mind using the methods of analytic philosophy. Topics may include consciousness, perception, propositional attitudes, thought and language, action and intention, mind and body, the prospects for scientific psychology, and personal identity. Prerequisite: PHIL 388 or permission of instructor. LEC.

PHIL 662. Aesthetics. 3 Hours. H.
A study of some of the central themes and problems in aesthetics, such as the beautiful and the sublime in nature and the arts. Prerequisite: Two courses in philosophy or graduate standing. LEC.

PHIL 666. Rational Choice Theory. 3 Hours. H.
This course is an introduction to the philosophical issues surrounding individual decision theory, game theory, and social choice theory. This includes issues of scientific theory selection, the nature of preference, the uses of games to model social interaction, and the ethical and political implications of Arrow's impossibility theorem. Formal techniques of modeling and proof, akin to those used in logic and mathematics, will be used in much of the course. Prerequisite: Two courses in economics, a philosophy course numbered 500 or above, or consent of instructor. LEC.

PHIL 668. Political Philosophy. 3 Hours. H.
A systematic analysis of the concepts of politics, with reference to representative political theories. Prerequisite: A course in philosophy and a course in political science. LEC.

PHIL 670. Contemporary Ethical Theory. 3 Hours. AE51 / H.
An examination of some major moral philosophers and some important issues in ethical theory since the beginning of the twentieth century. Topics covered typically include intuitionism, emotivism, utilitarianism, virtue ethics, and the relationship between morality and rationality. Prerequisite: PHIL 160 or PHIL 161 or two courses in philosophy. LEC.

PHIL 671. Feminist Theories in Ethics. 3 Hours. H.
This course addresses the role (if any) that gender plays in constructing ethical theories. Topics include the impact of culture, affect, and the body on our understanding of gender differences and the importance of these differences for ethics. Prerequisite: PHIL 160 or PHIL 161, or two previous philosophy courses. LEC.

PHIL 672. History of Ethics. 3 Hours. AE51 / H.
An interpretive and critical examination of central texts in the history of moral philosophy, which may include works by Aristotle, Hume, Kant, and J.S. Mill. Prerequisite: PHIL 160 or PHIL 161 or two previous philosophy courses. LEC.

PHIL 674. Philosophy of Law. 3 Hours. H.
An examination of the concept of law and of legal reasoning. In addition, the course may consider such topics as natural law, legal excuses, the relations between law and morality, civil disobedience, civil liberties, the concept of property. Prerequisite: Two courses in philosophy or one course in philosophy and one course in law or consent of instructor. LEC.

PHIL 676. Medical Ethics: Life and Death Issues. 3 Hours. AE51 / H.
After a brief survey of techniques of moral argument and analysis especially as they pertain to the moral impermissibility of murder, particular moral and conceptual issues relating to death and dying in medical contexts will be addressed. Topics such as abortion, infanticide, suicide, euthanasia, the definition of death, and the right to refuse lifesaving medical therapy will be included. Prerequisite: Two courses in biology or consent of instructor. LEC.

PHIL 677. Medical Ethics: Professional Responsibilities. 3 Hours. H.
After a brief survey of techniques of moral argument and analysis, particular moral issues related to the obligations of health care professionals and the rights of patients will be discussed. These will include such matters as confidentiality, truth-telling, informed consent, the ethics of research on human subjects, psychosurgery, the rights of the mentally ill, and the rights of the mentally retarded. Prerequisite: Two courses in biology or consent of instructor. LEC.

PHIL 684. Main Currents of Russian Thought I. 3 Hours. H/W.
A study of philosophical, theological and literary monuments designed to acquaint the student with the main cultural forces that have shaped Russian thought and manners. From the origins to Napoleonic times. (Same as SLAV 684.) LEC.

PHIL 686. Main Currents of Russian Thought II. 3 Hours. H/W.
A continuation of SLAV 684 from the age of Pushkin to the present. (Same as SLAV 686.) LEC.

PHIL 800. Tutorial. 3 Hours.
Intensive supervised training in and application of the techniques of research. Required of every graduate student seeking an advanced degree in the first or second semester of enrollment. Passing this tutorial constitutes partial fulfillment of the Ph.D. RSRS requirements. Consent of instructor required for repeating the course. Prerequisite: Graduate standing. RSH.

PHIL 805. Plato. 3 Hours.
Prerequisite: PHIL 508 or PHIL 605 or PHIL 607 or PHIL 608 or permission of instructor. LEC.

PHIL 807. Aristotle. 3 Hours.
Prerequisite: PHIL 508 or PHIL 605 or PHIL 607 or PHIL 608 or permission of instructor. LEC.

PHIL 820. Topics in the History of Philosophy: ______. 3 Hours.
This course may be offered by different instructors under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic, instructor, and specific prerequisites to be announced in the Schedule of Classes. Prerequisite: 500-600 level course as specified or permission of instructor. LEC.

PHIL 824. Hume. 3 Hours.
Prerequisite: PHIL 648 or PHIL 650 or PHIL 654 or permission of instructor. LEC.

PHIL 828. Kant. 3 Hours.
Prerequisite: PHIL 648 or PHIL 650 or PHIL 654 or permission of instructor. LEC.

PHIL 831. Hegel. 3 Hours.
Prerequisite: PHIL 508 or PHIL 605 or PHIL 607 or PHIL 608 or permission of instructor. LEC.

PHIL 833. Nietzsche. 3 Hours.
Prerequisite: PHIL 560 or PHIL 570 or permission of instructor. LEC.

PHIL 835. Frege. 3 Hours.
Gottlob Frege was the founder of the analytic movement in philosophy, having done seminal work in logic, the philosophy of language, and the philosophy of mathematics. This course will focus on his primary texts as well as his influence on present-day studies. Prerequisite: PHIL 628 or PHIL 630 or PHIL 638 or permission of instructor. LEC.
PHIL 843. Heidegger. 3 Hours.
Prerequisite: PHIL 560 or PHIL 562 or PHIL 570 or PHIL 582 or PHIL 590 or PHIL 592 or permission of instructor. LEC.

PHIL 848. Wittgenstein. 3 Hours.
Prerequisite: PHIL 638 or PHIL 650 or PHIL 654 or permission of instructor. LEC.

PHIL 850. Topics in Recent Philosophy: _____. 3 Hours.
This course may be offered by different instructors under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic, instructor, and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: 500-600 level as specified or permission of instructor. LEC.

PHIL 852. Quine. 3 Hours.
A systematic study of the major work of W. V. Quine and its influence on subsequent analytic philosophy. Topics will include Quine’s theory of meaning, philosophical logic, and philosophy of science. Prerequisite: PHIL 638 or PHIL 648 or PHIL 650 or PHIL 654 or permission of instructor. LEC.

PHIL 855. Davidson. 3 Hours.
An examination of Donald Davidson’s seminal work in philosophy of language and philosophy of mind. Among the topics to be considered will be meaning, truth, interpretation, action, and propositional attitudes. Prerequisite: PHIL 638 or PHIL 654 or permission of instructor. LEC.

PHIL 860. Topics in Philosophy of Science: _____. 3 Hours.
This course may be offered under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic and instructor and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: PHIL 620 or PHIL 622 or PHIL 648 or PHIL 650 or permission of instructor. LEC.

PHIL 862. Topics in Logic: _____. 3 Hours.
This course may be offered under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic and instructor and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: PHIL 610 or PHIL 628 or PHIL 630 or permission of instructor. LEC.

PHIL 868. Topics in Philosophy of Language: _____. 3 Hours.
This course may be offered under different subtitles and may be taken more than once if the subject matter varies sufficiently. Prerequisite: PHIL 638 or permission of instructor. LEC.

PHIL 870. Topics in Metaphysics: _____. 3 Hours.
This course may be offered under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic and instructor and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: PHIL 650 or permission of instructor. LEC.

PHIL 872. Topics in Theory of Knowledge: _____. 3 Hours.
This course may be offered under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic and instructor and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: PHIL 648 or permission of instructor. LEC.

PHIL 877. Topics in Philosophy of Mind: _____. 3 Hours.
This course may be offered under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic and instructor and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: PHIL 654 or permission of instructor. LEC.

PHIL 880. Topics in Ethics: _____. 3 Hours.
This course may be offered under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic and instructor and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: PHIL 670 or PHIL 672 or permission of instructor. LEC.

PHIL 884. Topics in Social and Political Philosophy: _____. 3 Hours.
This course may be offered under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topic and instructor and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: PHIL 555 or PHIL 666 or PHIL 668 or PHIL 674 or permission of instructor. LEC.

PHIL 885. Topics in Law and Philosophy. 3 Hours.
Explores various topics at the intersection of law and philosophy. Content varies but may include: What is freedom and what role should government play in a free society? What is equality and what is the best way to achieve it? What is the relationship between law and social justice? What is the source and value of human rights? Should social and economic rights be legally guaranteed? How should government redress historical injustices such as slavery, apartheid, and the Holocaust? Students must complete a substantial seminar paper. (Same as LAW 962.) LEC.

PHIL 886. Topics in Applied Ethics: _____. 3 Hours.
This course may be offered under different subtitles, such as professional ethics or some issue in business ethics (e.g., corporate responsibility) or in medical ethics (e.g., the definition of death); it may be taken more than once if the subject matter varies sufficiently. Topic, instructor, and specific prerequisite to be announced in Schedule of Classes. Prerequisite: PHIL 670 or PHIL 672 or 500-600 level course as specified or permission of instructor. LEC.

PHIL 888. Topics in the Philosophy of the Social Sciences: _____. 3 Hours.
This course may be offered under different subtitles, such as philosophy of a particular social science (e.g., economics, psychology) or a particular issue in the social sciences (e.g., ideology, reductionism), and may be taken more than once if the subject matter varies sufficiently. Topic and instructor and specific prerequisite to be announced in the Schedule of Classes. Prerequisite: PHIL 622 or permission of instructor. LEC.

PHIL 890. Topics in Continental Philosophy: _____. 3 Hours.
This course may be offered under different subtitles, and may be taken more than once if the subject matter varies sufficiently. Topics, instructor, and specific prerequisites to be announced in the Schedule of Classes. LEC.

PHIL 899. Master’s Thesis. 1-6 Hours.
Six hours of credit will be awarded upon completion of the master’s thesis, but no more than six hours of credit may be obtained in this course altogether. Graded on a satisfactory/unsatisfactory basis. THE.

PHIL 900. Research in Philosophy: _____. 1-3 Hours.
Intensive research in philosophy. This course may be taken through individual arrangement, or in connection with small research seminars which are offered occasionally. Students may only enroll for three hours in any given semester. May be repeated if content varies significantly. Prerequisite: Twelve hours of graduate work. RSH.

PHIL 901. Ph.D. Tutorial. 3 Hours.
Independent research on any topic that a graduate student and a faculty member shall agree on. It shall result in a tightly focused 20-30 page paper. The student’s written work will be repeatedly evaluated over the semester by the director, and the final product must be defended in an oral examination conducted by a three-member faculty committee (including the director). Prerequisite: Students must be admitted to the Ph.D. program and have successfully completed the Ph.D. core courses requirement. RSH.
PHIL 999. Dissertation. 1-12 Hours.
This course may be taken more than once, but not for more than twelve hours of credit in any one semester. Graded on a satisfactory/unsatisfactory basis. THE.

Physics Astronomy Courses

ASTR 177. First Year Seminar: ___. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Astronomy. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

ASTR 190. Astronomy and Civilization. 3 Hours. N.
A survey course that describes the interplay between the science of astronomy and cultural beliefs. It uses, among others, examples of how religious and philosophical tenets have enhanced or conflict with scientific principles. Not for astronomy majors. LEC.

ASTR 191. Contemporary Astronomy. 3 Hours. NP GE3N / N.
The structure and evolution of the universe, from nearby planets to distant quasars, are examined. Topics include recent discoveries concerning planets, stars, galaxies, pulsars and black holes as well as their evolution, the structure of the universe today and how it will be in the future. The emphasis is descriptive rather than mathematical. Concurrent enrollment in ASTR 196 suggested, but not required. Prerequisite: One year each of high school algebra and geometry. LEC.

ASTR 196. Introductory Astronomy Laboratory. 1 Hour. U.
An introduction to astronomical observations and methods. Students have the opportunity to use the telescopes at the K.U. observatory. The course includes constellation recognition, finding celestial objects, and interpreting astronomical data. A companion course to ASTR 191 or ASTR 391. Counts as a laboratory science when preceded or accompanied by ASTR 191 or ASTR 391. Prerequisite or corequisite: ASTR 191 or ASTR 391. LAB.

ASTR 293. Astronomy Bizarre. 3 Hours. GE3N / N.
An exploration of physical phenomena found in astrophysical extremes. Topics may include the following: the most violent explosions in the Universe (supernovae and gamma ray bursts); the biggest collisions in nature (galaxy interactions); the densest and most bizarre forms of matter (white dwarfs, neutron stars); the strongest magnetic fields (magnetars, pulsars); the amazing range of exo-planetary properties; and the mysteries of black holes. Prerequisite: Eligibility for MATH 101. LEC.

ASTR 390. Undergraduate Problems. 1-3 Hours. AE61 / N.
Undergraduate observational or theoretical problems in astronomy. Maximum credit, six hours. Prerequisite: Permission of department. IND.

ASTR 391. Physical Astronomy, Honors. 3 Hours. NP GE12/GE3N / N.
An honors, calculus-based introduction to astronomy and astrophysics, required for astronomy majors. Components of the Universe - from planetary systems, stellar systems, large scale structure and cosmology - are examined to illuminate the physics principles which govern their evolution. Prerequisite: MATH 121, and either permission of instructor, or participation in the University Honors Program. LEC.

ASTR 394. The Quest for Extraterrestrial Life. 3 Hours. NP GE11 / N.
An introduction to the search for planets around other stars and for life in the universe beyond the earth. A discussion of the astronomical conditions under which life might form and the biological conditions of life formation and evolution. Methods of searching for extraterrestrial life. Prerequisite: An introductory course in biology, astronomy or geology. LEC.

ASTR 400. Topics in Astronomy: ___. 1-3 Hours. N.
A course on special topics in astronomy. Course may be repeated for different topics. Each section may have additional prerequisites to be determined by the instructor. LEC.

ASTR 503. Undergraduate Research. 1-4 Hours. AE61 / N.
This course is for students seeking to fulfill the undergraduate research requirement. Students are expected to participate in some area of ongoing research in the department, chosen with the help of their advisor. At the end of the term, students will present their results in a seminar to other students and faculty. (Same as EPHX 503 and PHSX 503.) Prerequisite: Junior/Senior standing in Astronomy, Engineering Physics, or Physics, or permission of instructor. IND.

ASTR 591. Stellar Astronomy. 3 Hours. N.
Fundamentals of stellar astronomy including astronomical optics and techniques, coordinate and time systems, stellar spectroscopy, properties of normal, binary and variable stars. Prerequisite: PHSX 212 and PHSX 236. An introductory astronomy course is desirable. LEC.

ASTR 592. Galactic and Extragalactic Astronomy. 3 Hours. N.
A study of stellar groups, the interstellar medium, galactic structure and dynamics, galaxies, and cosmology. Prerequisite: ASTR 591 or consent of instructor. LEC.

ASTR 596. Observational Astrophysics. 2 Hours. AE61 / N.
Students acquire practical experience with astronomical equipment and data reduction techniques used in research and educational contexts. ASTR 596, combined with an independent research experience, provides a pathway for students to demonstrate creativity and integration of background knowledge. Prerequisite or corequisite: ASTR 591. LEC.

ASTR 597. Analysis in Astrophysics. 1-3 Hours. AE61 / N.
Individual students work on specialized research problems in the field of observational or theoretical astrophysics. Maximum credit, six hours. Prerequisite: ASTR 592. IND.

ASTR 691. Astrophysics I. 3 Hours. N.
An introduction to radiation processes, thermal processes, and radiative transfer in stellar atmospheres and the interstellar medium. (Same as EPHX 691 and PHSX 691.) Prerequisite: PHSX 313 or consent of instructor. LEC.

ASTR 692. Astrophysics II. 3 Hours. N.
The formation and evolution of stars, nucleosynthesis of the elements, and the physical processes of high energy physics. Prerequisite: ASTR 691 or consent of instructor. LEC.

ASTR 791. Seminar in Astrophysics. 1-3 Hours.
Seminar designed to cover current topics in the physics of the Universe beyond the solar system. Content will vary. Graduate students engaged in or preparing for research may repeat enrollments in this course. Open to undergraduates with twelve hours of physics/astronomy courses numbered 500 or above, or consent of instructor. LEC.

ASTR 792. Topics in Advanced Astrophysics. 3 Hours.
This course will address one or more of the following advanced topics in astrophysics: high energy astrophysics, nuclear astrophysics, galactic and extragalactic astrophysics, space physics, cosmology, astrobiophysics, and the interstellar and intergalactic media (ISM/IGM.) This course may be repeated for credit if topical content differs. (Same as PHSX 792.) Prerequisite: ASTR 692 or permission of instructor. LEC.

ASTR 795. Space Plasma Physics. 3 Hours.
The physics of fully ionized gases in magnetic fields and their application to interplanetary processes, planetary radiation belts, and the surface of the sun. The motion of charged particles in magnetic fields, magnetohydrodynamic waves, the solar wind and the magnetosphere.
**PHSX 111. Introductory Physics. 3 Hours.**
A one-semester survey of classical and modern physics, designed primarily for liberal arts students. Typical subjects include the laws of motion, gravity, electricity and magnetism, sound, light, quantum mechanics, atomic and subatomic physics. Subjects are treated mainly conceptually with some use of basic data. Prerequisite: Eligibility for MATH 104. LEC.

**PHSX 112. Concepts in Physics, Honors. 3 Hours. NP GE3N / N.**
A discussion of important concepts in physics. While basic concepts such as force, energy, and mass will be introduced as needed, the emphasis will be on an understanding and appreciation of contemporary science. Prerequisite: Eligibility for MATH 104 and participation in the University Honors Program or permission of instructor. LEC.

**PHSX 114. College Physics I. 1-4 Hours. NP GE11/GE12/GE3N / N.**
Principles and applications of mechanics, fluids, heat, thermodynamics, and sound waves. Three class hours and one laboratory per week. This course emphasizes the development of quantitative concepts and problem solving skills for students needing a broad background in physics as part of their preparation in other major programs, and for those who wish to meet the laboratory science requirement of the College. In special circumstances, permission to enroll in less than four hours may be obtained from the department. Prerequisite: MATH 104 or MATH 116 or MATH 121, and six hours of computer science courses numbered 300 or above. Not for students in the School of Engineering. Students not admitted to the University Honors Program or intending to major in a physical science. Prerequisite: MATH 104, or three and one-half years of college-preparatory mathematics including trigonometry and a score of 25 or higher on ACT mathematics. LEC.

**PHSX 115. College Physics II. 1-4 Hours. N.**
A continuation of PHSX 114. Principles and applications of electricity, magnetism, light, atomic physics, and nuclear physics. Three class hours and one laboratory per week. In special circumstances, permission to enroll in less than four hours may be obtained from the department. Not open to students with credit in PHSX 211 or PHSX 216 or PHSX 212 or PHSX 236. Prerequisite: MATH 104, or three and one-half years of college-preparatory mathematics including trigonometry and a score of 25 or higher on ACT mathematics. LEC.

**PHSX 116. Introductory Physics Laboratory. 1 Hour. U.**
A laboratory exploring classical and modern physics, designed primarily for liberal arts students. Experiments in motion, gravity, electricity and magnetism, sound, light, atomic and subatomic physics are designed to teach physics concepts and basic laboratory techniques. One two-hour lab period per week. Counts as a laboratory science when preceded or accompanied by PHSX 111. Prerequisite: Eligibility for MATH 104. Corequisite: PHSX 111. LAB.

**PHSX 116. Computational Physics and Astronomy. 3 Hours.**
Advanced computer applications in physics and astronomy. General discussion and illustration of problem organization and solution by numerical and other methods with examples from plasma, space, solid state, elementary particle, and nuclear physics and astronomy. Students will design, write, validate, and document a computer program to solve a physical problem. Prerequisite: Six hours of computer science courses numbered 300 or above, and six hours of physics and/or astronomy courses numbered 300 or above. LEC.

**PHSX 117. First Year Seminar: _____. 3 Hours. GE11 / U.**
A limited-enrollment seminar course for first-time freshmen, addressing current issues in Physics. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

**PHSX 210. General Physics I for Engineers. 3 Hours. GE11 / N.**
Introduction to classical mechanics and thermodynamics designed for students in the School of Engineering. Students not admitted to the School of Engineering must receive permission from instructor. PHSX 210 and PHSX 211 cannot both be taken for credit. Students with credit in PHSX 114 can obtain only one hour of credit. Prerequisite: MATH 121 with a grade of C or better; courses in high school physics and/or chemistry recommended. LEC.

**PHSX 211. General Physics I. 1-4 Hours. NP GE11/GE12/GE3N / N.**
Introduction to classical mechanics and thermodynamics. Designed for students in engineering and physical science majors. In special circumstances, permission to enroll for fewer than four hours credit may be obtained from the department. Students with credit in PHSX 114 can obtain only one hour of credit. Prerequisite: MATH 116 or MATH 121; courses in high school physics and/or chemistry are recommended. LEC.

**PHSX 212. General Physics II. 1-3 Hours. GE3N / N.**
Study of electricity and magnetism, waves and sound. In special circumstances, permission to enroll for fewer than three hours credit may be obtained from the department. Students with credit in PHSX 115 can obtain only one hour of credit. Prerequisite: PHSX 211, PHSX 210 or PHSX 213. Corequisite: MATH 122. LEC.

**PHSX 213. General Physics I Honors. 1-5 Hours. NP GE11/GE12/GE3N / N.**
An honors section of PHSX 211 and PHSX 216. Credit for fewer than five hours requires permission of the department. Recommended for students with a strong math background who are either in the University Honors Program or intending to major in a physical science. Courses in high school physics and chemistry are strongly recommended. Prerequisite: MATH 121 and permission of instructor. LEC.

**PHSX 214. General Physics II Honors. 1-4 Hours. N.**
An honors section of PHSX 212 and PHSX 236. Credit for fewer than four hours requires permission of the department. Recommended for students with a strong math background who are either in the University Honors Program or intending to major in a physical science. Prerequisite: PHSX 216 together with either PHSX 211 or PHSX 210; or PHSX 213, and permission of instructor. Corequisite: MATH 122. LEC.

**PHSX 216. General Physics I Laboratory. 1 Hour. GE11 / N.**
Experiments in classical mechanics and thermodynamics. Counts as a laboratory science when accompanied by PHSX 210 or PHSX 211. Prerequisite: PHSX 210 or PHSX 211. LAB.

**PHSX 218. Advanced Physics I Laboratory. 1 Hour. N.**
Experiments in electricity and magnetism, waves and sound. Pre-or Corequisite: PHSX 212. LAB.
PHSX 313. General Physics III. 3 Hours. GE3N / N.
Introduction to modern physics. Topics include special relativity, optics, and introductions to quantum mechanics and solid state physics. Prerequisite: PHSX 212 and PHSX 236 or PHSX 214 or EECS 220. Corequisite: MATH 320 or MATH 220. LEC.

PHSX 316. Intermediate Physics Laboratory I. 1 Hour. U.
Experiments in optics and modern physics. Development of experimental skills, data reduction, error analysis, and technical writing. One lab meeting per week and one lecture per week on topics including error analysis and experimental design. Pre-or corequisite: PHSX 313. LAB.

PHSX 400. Topics in Physics and Astronomy: ______. 1-3 Hours. N.
A course on special topics in physics and astronomy, given as the need arises. Course may be repeated for different topics. Each section may have prerequisites to be determined by the instructor. LEC.

PHSX 500. Special Problems. 1-5 Hours. AE61 / N.
Work in some area of physics beyond the topics or material covered in other courses. For some problems, continued enrollment in consecutive semesters may be appropriate. Prerequisite: One junior-senior course in science in an area related to the problem and consent of instructor. IND.

PHSX 501. Honors Research. 1-4 Hours. AE61 / N.
This course is to enable students seeking departmental Honors in Astronomy, Engineering Physics, or Physics to fulfill the undergraduate research requirement. At the completion of the required 4 hours of total enrollment, a written and oral report of the research is required. (Same as EPHX 501.) Prerequisite: Junior/Senior standing in Astronomy, Engineering Physics, or Physics, or permission of instructor. IND.

PHSX 502. Seminar in Physics and Astronomy Instruction. 1-3 Hours. N.
One meeting per week to plan and report progress on projects which may include tutoring of students in personalized modes of study; developing, administering, and scoring test items; designing and improving demonstration and laboratory experiments. Amount of credit depends on projects contracted for and completed. (Distribution credit given for two-three hours only.) Prerequisite: Evidence of prior academic experience relevant to the student's proposed activities in the seminar and permission of instructor. LEC.

PHSX 503. Undergraduate Research. 1-4 Hours. AE61 / N.
This course is for students seeking to fulfill the undergraduate research requirement. Students are expected to participate in some area of ongoing research in the department, chosen with the help of their advisor. At the end of the term, students will present their results in a seminar to other students and faculty. (Same as ASTR 503 and EPHX 503.) Prerequisite: Junior/Senior standing in Astronomy, Engineering Physics, or Physics, or permission of instructor. IND.

PHSX 511. Introductory Quantum Mechanics. 3 Hours. N.
An introduction to quantum mechanics, emphasizing a physical overview. Topics should include the formalisms of non-relativistic quantum mechanics, the 3-dimensional Schrodinger equation with applications to the hydrogen atom; spin and angular momentum; multi-particle systems of Fermi-Dirac and Bose-Einstein particles; time-independent perturbation theory. (Same as EPHX 511.) Prerequisite: PHSX 313 and MATH 290. LEC.

PHSX 516. Physical Measurements. 4 Hours. N.
A laboratory course emphasizing experimental techniques and data analysis, as well as scientific writing and presentation skills. Experiments will explore a range of classical and modern physics topics. (Same as EPHX 516.) Prerequisite: PHSX 313, PHSX 316 and PHSX 521. (PHSX 521 may be taken concurrently.) LAB.

PHSX 518. Mathematical Physics. 3 Hours. N.
Applications of modern mathematical methods to problems in mechanics and modern physics. Techniques include application of partial differential equations and complex variables to classical field problems in continuous mechanics, unstable and chaotic systems, electromodynamics, hydrodynamics, and heat flow. Applications of elementary transformation theory and group theory, probability and statistics, and nonlinear analysis to selected problems in modern physics as well as to graphical representation of experimental data. Prerequisite: PHSX 313 and MATH 320 or permission of instructor. (Same as EPHX 518.) LEC.

PHSX 521. Mechanics I. 3 Hours. N.
Newton's laws of motion. Motions of a particle in one, two, and three dimensions. Motion of a system of particles. Moving coordinate systems. (Same as EPHX 521.) Prerequisite: PHSX 211 and PHSX 216, or PHSX 213; MATH 223; MATH 290; and MATH 220 or MATH 320. LEC.

PHSX 528. Geodynamics and Plate Tectonics. 3 Hours. N.
Study of physical processes in the solid Earth and of geophysical approaches to studying Earth systems at regional and global scales. Topics include global potential fields, thermal regime, rheology and Earth deformation, earthquakes and seismic structure, plate motions and global tectonics. (Same as GEOL 573) Prerequisite: An introductory course in geology; MATH 116 or MATH 122; and PHSX 115, PHSX 214, or PHSX 212 and PHSX 236. LEC.

PHSX 531. Electricity and Magnetism. 3 Hours. N.
The properties of electric and magnetic fields, including electrostatics, Gauss' Law, boundary value methods, electric fields in matter, electromagnetic induction, magnetic fields in matter, the properties of electric and magnetic dipoles, and of dielectric and magnetic materials. (Same as EPHX 531.) Prerequisite: PHSX 214, or PHSX 212 and PHSX 236; PHSX 521 or special permission; MATH 223; MATH 290; and MATH 220 or MATH 320. LEC.

PHSX 536. Electronic Circuit Measurement and Design. 4 Hours. N.
A laboratory course that explores the theory and experimental techniques of analog and digital electronic circuit design and measurements. Topics include transient response, transmission lines, transistors, operational amplifiers, and digital logic. (Same as EPHX 536.) Prerequisite: PHSX 214 or PHSX 212 and PHSX 236; MATH 223 or special permission; MATH 290. LEC.

PHSX 557. Topics in Mechanics, Properties of Materials, Thermodynamics. 1-3 Hours.
This course covers the principles and applications of classical mechanics, fluids, heat, thermodynamics and sound. Teaching of these topics is strongly emphasized. Some laboratory work is included. This course is intended for students accepted to the BS Education major in Physics. This course does not count towards Physics or Astronomy major requirements in the College of Liberal Arts and Sciences. Prerequisite: Math 115 and 116, and either PHSX 114 or PHSX 211. LEC.

PHSX 558. Topics in Electricity and Magnetism and Optics. 1-3 Hours.
This course covers the principles and applications of electricity, magnetism and optics. Teaching of these topics is strongly emphasized. Some laboratory work is included. This course is intended for students accepted to the BS Education major in physics. This course does not count towards Physics or Astronomy major requirements in the College of Liberal Arts and Sciences. Prerequisite: Math 115 and 116, and either PHSX 115 or PHSX 212. LEC.

PHSX 559. Topics in Modern Physics. 1-3 Hours.
This course covers the principles and applications of quantum mechanics, atomic and nuclear physics. Teaching of these topics is strongly
emphasized. Some laboratory work is included. This course is intended for students accepted to the BS Education major in physics. This course does not count towards Physics or Astronomy major requirements in the College of Liberal Arts and Sciences. Prerequisite: MATH 115 and 116, and either PHSX 115 or PHSX 313. LEC.

**PHSX 594. Cosmology and Culture. 3 Hours. AE42 / N.**
A survey of modern physical cosmology, its recent historical roots, and creation myths from many world cultures. An examination of the effects of these stories on their parent cultures. LEC.

**PHSX 600. Special Topics in Physics and Astrophysics: ______. 3 Hours. N.**
Different topics will be covered as needed. This course will address topics in physics and astrophysics not covered in regularly offered courses. May be repeated if topic differs. (Same as EPHX 600.) Prerequisite: Permission of instructor. LEC.

**PHSX 601. Design of Physical and Electronic Systems. 4 Hours. AE61 / N.**
A laboratory course emphasizing the application of physical principles to the design of systems for research, monitoring, or control. Topics include the use of microcomputers as controllers, interfacing microcomputers with measurement devices, and use of approximations and/or computer simulation to optimize design parameters, linear control systems, and noise. (Same as EPHX 601.) Prerequisite: Twelve hours of junior-senior credit in physics or engineering, including one laboratory course. LAB.

**PHSX 615. Numerical and Computational Methods in Physics. 3 Hours. N.**
An introduction to the use of numerical methods in the solution of problems in physics for which simplifications allowing closed-form solutions are not applicable. Examples are drawn from mechanics, electricity, magnetism, thermodynamics, and optics. (Same as EPHX 615.) Prerequisite: PHSX 313, MATH 320 or equivalent, and EECS 138 or equivalent. LEC.

**PHSX 621. Mechanics II. 3 Hours. N.**
Continuation of PHSX 521. Lagrange's equations and generalized coordinates. Mechanics of continuous media. Tensor algebra and rotation of a rigid body. Special relativity and relativistic dynamics. (Same as EPHX 621.) Prerequisite: PHSX 521. LEC.

**PHSX 623. Physics of Fluids. 3 Hours. N.**
An introduction to basic fluid mechanics in which fundamental concepts and equations are covered. Topics include hydrostatics, hydrodynamics, wave propagation in fluids, and applications in the areas such as astrophysics, atmospheric physics, and geophysics. (Same as EPHX 623.) Prerequisite: MATH 223; MATH 290; PHSX 212 and PHSX 236 (or PHSX 214 can replace PHSX 212 and PHSX 236.) LEC.

**PHSX 631. Electromagnetic Theory. 3 Hours. N.**
Maxwell's equations, wave propagation, optics and waveguides, radiation, relativistic transformations of fields and sources, use of covariance and invariance in relativity. Normally a continuation of PHSX 531. (Same as EPHX 631.) Prerequisite: PHSX 531. LEC.

**PHSX 641. Introduction to Nuclear Physics. 3 Hours. N.**
Experimental methods and elementary concepts in nuclear physics, including nuclear forces, alpha and beta decay, gamma radiation, nuclear structure, and reaction systematics. (Same as EPHX 641.) Prerequisite: PHSX 313 and PHSX 511. LEC.

**PHSX 655. Optics. 3 Hours. N.**
Geometric optics. Wave properties of light: interference, diffraction, coherence. Propagation of light through matter. Selected topics in modern optics, e.g., lasers, fibers. (Same as EPHX 655.) Prerequisite: PHSX 313 and PHSX 316. LEC.

**PHSX 661. Introduction to Elementary Particle Physics. 3 Hours. N.**
Properties and interactions of quarks, leptons, and other elementary particles; symmetry principles and conservation laws; broken symmetry; gauge bosons; the fundamental interactions, grand unified theories of strong, electromagnetic, and weak interactions; the cosmological implications of elementary particle physics. (Same as EPHX 661.) Prerequisite: PHSX 313 and MATH 320. LEC.

**PHSX 671. Thermal Physics. 3 Hours. N.**
Development of thermodynamics from statistical considerations. Techniques of calculating thermodynamic properties of systems. Application to classical problems of thermodynamics. Elementary kinetic theory of transport processes. Fermi-Dirac and Bose-Einstein systems. (Same as EPHX 671.) Prerequisite: PHSX 511. LEC.

**PHSX 681. Concepts in Solids. 3 Hours. N.**
Properties of common types of crystals and amorphous solids. Lattice vibrations and thermal properties of solids. Electrons and holes in energy bands of metals, semi-conductors, superconductors, and insulators. (Same as EPHX 681.) Prerequisite: PHSX 313 and PHSX 511. LEC.

**PHSX 691. Astrophysics I. 3 Hours. N.**
An introduction to radiation processes, thermal processes, and radiative transfer in stellar atmospheres and the interstellar medium. (Same as ASTR 691 and EPHX 691.) Prerequisite: PHSX 313 or consent of instructor. LEC.

**PHSX 693. Gravitation and Cosmology. 3 Hours. N.**
An overview of topics relevant to gravitation and modern cosmology: special relativity, tensor notation, the equivalence principle, the Schwarzschild solution, black holes, and Friedmann models. Cosmic black body radiation, dark matter, and the formation of large-scale structure. The idea of quantum gravity and an introduction to the current literature in cosmology. (Same as EPHX 693.) Prerequisite: PHSX 313 and MATH 320. LEC.

**PHSX 700. Colloquium. 1 Hour.**
Topics of current interest in physics, astronomy, and atmospheric science. Repeated enrollments are permitted. LEC.

**PHSX 701. Major Experiments and Observations in Classical and Contemporary Physics. 1-3 Hours.**
Critique, discussions, and interpretation of the most important discoveries and observations in physics. LEC.

**PHSX 702. Introductory Physics Pedagogy. 1 Hour.**
This course will address basic elements of pedagogy in specific relation to the teaching of physics and astronomy labs. It contains such elements as: peer and instructor evaluations of teaching, reading and discussion of pedagogical materials, development of online course material, and discussion of teaching methods. This course may be repeated for credit. Prerequisite: Permission of instructor. LEC.

**PHSX 711. Quantum Mechanics I. 3 Hours.**

**PHSX 717. Graduate Seminar. 1 Hour.**
First year graduate students meet to survey research opportunities in the department and develop skills in giving oral presentations in physics and related areas. Students will also learn about topics in responsible
PHSX 718. Mathematical Methods in Physical Sciences. 3 Hours.
Review of complex variable theory; introduction to the partial differential equations of physical systems; Fourier analysis; special functions of mathematical physics; and chemistry. (Same as CHEM 718.) Prerequisite: Two semesters of junior-senior mathematics. LEC.

PHSX 721. Chaotic Dynamics. 3 Hours.
Topics covered may include the following: dynamical systems, attractors, sensitive dependence on initial conditions, chaos, one-dimensional maps, strange attractors and fractal dimensions, fat fractals, the horseshoe map, symbolic dynamics, linear stability of periodic orbits, stable and unstable manifolds, Lyapunov exponents, topological entropy, quasiperiodicity, strange nonchaotic attractors, nonattracting chaotic sets, fractal basin boundaries, renormalization group analysis, intermittency, crisis and chaotic transients. Prerequisite: Mechanics (PHSX 521, or its equivalent), ordinary differential equations (MATH 320, or its equivalent), and some computer programming knowledge. LEC.

PHSX 722. Geophysical Data Analysis. 3 Hours.
Fourier analysis, sampling theory, prediction and interpolation of geophysical data, filtering theory, correlation techniques, deconvolution. Examples will be chosen from various fields of geophysics. (Same as GEOL 772.) Prerequisite: MATH 250/AE 250/ARCE 250/CE 250/CPE 250/EECS 250/EPHX 250/ME 250 and either GEOL 572 or GEOL 573 or PHSX 528. LEC.

PHSX 723. Seismology. 3 Hours.
General theory of seismic waves, wave field extrapolation (migration) by finite difference methods, construction of travel-time curves, reflection and attenuation coefficients, earthquake source mechanism, distribution and forecasting of earthquakes. (Same as GEOL 773.) Prerequisite: MATH 250/AE 250/ARCE 250/CE 250/CPE 250/EECS 250/EPHX 250/ME 250 and either GEOL 572 or GEOL 573 or PHSX 528. LEC.

PHSX 724. Potential Fields in Geophysics. 3 Hours.
Reduction and interpretation of gravity and magnetic data with emphasis on exploration techniques. Spectral, analytical and modeling methods of analysis of gravity and magnetic anomalies are emphasized. Prerequisite: MATH 250/AE 250/ARCE 250/CE 250/CPE 250/EECS 250/EPHX 250/ME 250 and either GEOL 572 or GEOL 573 or PHSX 528 or consent of instructor. LEC.

PHSX 727. Advanced Geophysics: ______. 1-3 Hours.
Topics to vary with demand and include heat flow, wave propagation, synthetic seismograms, groundwater exploration, geothermal exploration, electrical methods in exploration, rock mechanics-geotechnophysics, rock magnetism, geomagnetism, paleomagnetism, geophysical inverse theory, and others upon sufficient demand. May be repeated for different topics. (Same as GEOL 771.) Prerequisite: GEOL 572 or GEOL 573/PHSX 528 or consent of instructor. LEC.

PHSX 731. Molecular Biophysics. 3 Hours.
Methods and concepts in contemporary molecular biophysics are discussed. Particular emphasis is placed on the thermodynamics of macromolecular interactions and quantitative methods of data analysis. Basic enzymology and biophysical spectroscopy will also be reviewed. Prerequisite: PHSX 212, MATH 122, and CHEM 188. LEC.

PHSX 741. Nuclear Physics I. 3 Hours.
Experimental methods in nuclear physics, elementary concepts and simple considerations about nuclear forces, alpha and beta decay, gamma radiation, nuclear structure, and reaction systematics. Prerequisite: PHSX 611. LEC.

PHSX 761. Elementary Particles I. 3 Hours.
Particle accelerators and detectors; quarks and leptons; invariance principles and conservation laws; strong, electromagnetic, and weak interactions of elementary particles; unification of electroweak and other interactions. Prerequisite: PHSX 711. LEC.

PHSX 781. Solid State Physics I. 3 Hours.
Classification of solids, structure and symmetry of crystals; lattice vibrations and thermal properties of solids; electric and magnetic properties; electron theory of metals and semiconductors; electronic and atomic transport processes; theory of ionic crystals. Prerequisite: PHSX 611 (or CHEM 648) and PHSX 671 (or CHEM 646). LEC.

PHSX 791. Seminar in Astrophysics. 1-3 Hours.
Seminar designed to cover current topics in the physics of the Universe beyond the solar system. Content will vary. Graduate students engaged in or preparing for research may repeat enrollments in this course. Open to undergraduates with twelve hours of physics/astronomy courses numbered 500 or above, or consent of instructor. LEC.

PHSX 792. Topics in Advanced Astrophysics. 3 Hours.
This course will address one or more of the following advanced topics in astrophysics: high energy astrophysics, nuclear astrophysics, galactic and extragalactic astrophysics, space physics, cosmology, astrobiophysics, and the interstellar and intergalactic media (ISM/IGM). This course may be repeated for credit if topical content differs. (Same as ASTR 792.) Prerequisite: ASTR 692 or permission of instructor. LEC.

PHSX 793. Physical Cosmology. 3 Hours.
Discussion of how fundamental laws of physics govern the evolution of the universe as a whole along with its structure. Survey of cosmogenic clues in the observable universe, including observed structures, cosmic background radiation and evidence for dark matter. Development of the universe, including theories of initial conditions; cosmological phase transitions; generation of possible relics and dark matter; symmetry breaking; baryon asymmetry; nucleosynthesis; recombination, gravitational instability and the formation of structure; current experimental techniques. Prerequisite: PHSX 718. Recommended: PHSX 593. LEC.

PHSX 795. Space Plasma Physics. 3 Hours.
The physics of fully ionized gases in magnetic fields and their application to interplanetary processes, planetary radiation belts, and the sun. The motion of charged particles in magnetic fields, magnetohydrodynamic waves, the solar wind, the ionosphere, and the magnetosphere. (Same as ASTR 795.) Prerequisite: PHSX 621. Corequisite: PHSX 631. LEC.

PHSX 800. Graduate Problems. 1-5 Hours.
Advanced laboratory problems, special research problems, or library reading problems. Repeated enrollments are permitted. RSH.

PHSX 801. Advanced Topics. 1-3 Hours.
Lectures on advanced material not covered by regular courses. The topics are not limited but generally address recent experimental or theoretical developments in subjects such as superconductivity, nuclear physics, elementary particle physics, quantum field theory, gauge and unified theories, nonlinear or chaotic systems, space plasma physics, and astrophysics and cosmology. Repeated enrollments are permitted. LEC.

PHSX 811. Quantum Mechanics II. 3 Hours.
Time dependent perturbation theory. Gauge invariance and electromagnetic interactions. Quantization of the electromagnetic field and applications. The Dirac equation, its transformation properties and applications to relativistic problems. Scattering theory, elementary applications, and formal properties. Prerequisite: PHSX 711. LEC.
PHSX 815. Computational Methods in Physical Sciences. 3 Hours.
Advanced computer applications in physical science. General discussion and illustration of problem organization and solution by numerical and other methods with examples from physics, astronomy, and other physical sciences. Students will design, write, validate, and document a computer program to solve a physical problem. (Same as ASTR 815 and CHEM 914.) Prerequisite: Six hours of computer science courses numbered 300 or above, and six hours of physics and/or astronomy courses numbered 300 or above. LEC.

PHSX 817. Graduate Seminar. 1 Hour.
First year graduate students meet to survey research opportunities in the department and develop skills in giving oral presentations in physics and related areas. Prerequisite: Only one hour of 817 can count toward required hours for degree. LEC.

PHSX 821. Classical Mechanics. 3 Hours.
Vector and tensor notation; review of Newtonian mechanics; Lagrangian mechanics; linear vector spaces and matrix theory with applications to the theory of small oscillations; rigid bodies; Hamiltonian formalism. Special relativity. Prerequisite: Twelve hours of junior-senior courses in physics. LEC.

PHSX 831. Electrodynamics I. 3 Hours.
Electrostatics and magnetostatics; Maxwell’s equations; plane waves; waveguides. Prerequisite: PHSX 718 and PHSX 821. LEC.

PHSX 841. Nuclear Physics II. 3 Hours.
Nuclear forces and the two-body problem; nuclear models; phenomenological treatment of nuclear reactions and decay processes. Prerequisite: PHSX 741 and PHSX 811. LEC.

PHSX 861. Elementary Particles II. 3 Hours.
Theoretical analysis of the standard model of strong and electroweak interactions. Applications to decay and scattering processes with comparison to experiments. Selected topics in non-perturbative physics. Examples of tests to probe beyond the standard model. Prerequisite: PHSX 761. Corequisite: PHSX 911. LEC.

PHSX 871. Statistical Physics I. 3 Hours.
Review of and advanced topics in thermodynamics; the Maxwell relations; the third law; phase transitions. Kinetic theory: the Boltzmann equation; transport phenomena. Statistical mechanics: ideal Maxwell-Boltzmann, Fermi-Dirac and Bose-Einstein gases; ensemble theory; derivation of the laws of thermodynamics. Prerequisite: PHSX 711 and PHSX 821. PHSX 671 is recommended. LEC.

PHSX 881. Solid State Physics II. 3 Hours.
More advanced topics in solid state physics that may include: diamagnetism, paramagnetism, ferromagnetism, and antiferromagnetism; electron and nuclear spin magnetic resonance; dielectric properties and ferroelectricity; photoconductivity and luminescence. Prerequisite: PHSX 631 and PHSX 711 (or CHEM 915). LEC.

PHSX 895. Plasma Physics. 3 Hours.
Magnetohydrodynamics, including discussion of shocks, waves, and stability theory; statistical mechanical foundations; kinetic theory; microstability; non-linear phenomena. Prerequisite: PHSX 795. LEC.

PHSX 897. Seminar in Plasma and Space Physics. 1-3 Hours.
Graduate students engaged in or preparing for research may repeat enrollments in this course. The content will vary. (Same as ASTR 897.) LEC.

PHSX 899. Master’s Research/Thesis. 1-10 Hours.
Research work (either experimental or theoretical) in physics for students working toward the master’s degree. Repeated enrollments are permitted. THE.

PHSX 911. Quantum Mechanics III. 3 Hours.
Path integral formulation of quantum mechanics. Introduction to quantum field theory using the canonical approach and using the path integral approach. Application of perturbation theory in quantum electrodynamics. Selected applications in condensed matter, nuclear, and particle physics. Prerequisite: PHSX 811. LEC.

PHSX 912. Quantum Field Theory. 3 Hours.
Survey of problems in quantum field theory. Functional methods. Renormalization and renormalization group. Role of symmetries. Gauge field theories. Symmetry breaking. Prerequisite: PHSX 911. LEC.

PHSX 915. Relativity. 3 Hours.
Reviews of special relativity, manifolds, tensors, and geometry. General coordinate covariance and general relativity. Applications to classical theory of gravitation: weak field tests, isotropic, homogeneous cosmology, Schwarzschild solution. Selected advanced topics. Prerequisite: A total of 10 hours of junior/senior work in physics and mathematics, including at least concurrent enrollment in MATH 646. LEC.

PHSX 917. Seminar in Theoretical Physics. 1-3 Hours.
Graduate students engaged in or preparing for research may repeat enrollments in this course. Content will vary. LEC.

PHSX 931. Electrodynamics II. 3 Hours.
Inhomogeneous Maxwell’s equations and multipole radiation fields; special theory of relativity; radiation from accelerated charges: scattering and dispersion. Prerequisite: PHSX 831. LEC.

PHSX 947. Seminar in Nuclear Physics. 1-3 Hours.
Graduate students engaged in or preparing for research may repeat enrollments in this course. The content will vary. LEC.

PHSX 967. Seminar in Particle Physics. 1-3 Hours.
Graduate students engaged in or preparing for research may repeat enrollments in this course. The content will vary. LEC.

PHSX 971. Advanced Statistical Mechanics. 3 Hours.
Advanced equilibrium statistical mechanics and introduction to nonequilibrium statistical mechanics. Topics include: the theory of liquids, critical phenomena, linear response theory and time correlation functions, Langevin dynamics, and molecular hydrodynamics. (Same as CHEM 950.) Prerequisite: PHSX 871 or CHEM 917. LEC.

PHSX 987. Seminar in Solid State Physics. 1-3 Hours.
Graduate students engaged in or preparing for research may repeat enrollments in this course. The content will vary. LEC.

PHSX 999. Ph.D. Dissertation Research. 1-10 Hours.
Research work (either experimental or theoretical) in physics for students working toward the Ph.D. degree. Repeated enrollments are permitted. THE.

Political Science Courses

POL 110. Introduction to U.S. Politics. 3 Hours. SF GE3S / S.
An introduction to basic American governmental institutions, political processes, and policy. LEC.

POL 111. Introduction to U.S. Politics Honors. 3 Hours. SF GE3S / S.
Open only to students in the College Honors Program or by consent of instructor. LEC.

POL 150. Introduction to Comparative Politics. 3 Hours. SF AE42/GE3S / S.
An introduction to the comparative study of political systems emphasizing governmental structures, parties, electoral techniques, and recent trends in the field. The course also considers major differences between
POLS 151. Introduction to Comparative Politics Honors. 3 Hours. SF AE42/GE3S / S.
Open only to students in the College Honors Program or by consent of instructor. LEC.

POLS 170. Introduction to International Politics. 3 Hours. SF AE42/GE3S / S.
A study of the nation-state system including the role of nationalism, sovereignty, and power. Patterns of state action including neutralism, collective security, war, and cooperation through international organizations are stressed. Specific examples of contemporary international problems are also analyzed and discussed. LEC.

POLS 171. Introduction to International Politics Honors. 3 Hours. SF AE42/GE3S / S.
Open only to students in the College Honors Program or by consent of instructor. LEC.

POLS 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Political Science. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

POLS 249. Study Abroad Topics in Political Science: ____. 1-6 Hours. S.
This course is designed for the study of special topics in Political Science at the freshman/sophomore level. Course work must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

POLS 301. Introduction to Political Theory. 3 Hours. GE3S / S.
An examination of the perennial issues and major concepts in political philosophy. Ideas such as community, liberty, equality, justice, and democracy will be examined in order to understand the various meanings given to these concepts in political discourse and to understand the role to these ideas in various political theories. Prerequisite: Either POLS 110 or POLS 150 or POLS 170, or their honors equivalents. LEC.

POLS 302. Introduction to Political Theory, Honors. 3 Hours. S.
Prerequisite: Either POLS 110, POLS 150, or POLS 170, or their honors equivalents and open only to students in the College Honors Program, or by consent of instructor. LEC.

POLS 306. Political Science Methods of Inquiry. 3 Hours. GE12 / S.
An introduction to the social science methods of investigation and analysis that are used in political science as a discipline and, in many cases, in public and private sector analytical work as well. The nature of political science data sources and methods of data collection, the logic of social scientific inquiry, and key methods of data analysis are emphasized. Prerequisite: POLS 110 and POLS 150 and POLS 170 (or their Honors equivalents), or consent of instructor. LEC.

POLS 310. Contemporary Issues in U.S. Politics. 3 Hours. S.
An examination of issues and problems concerning government and politics in American society. This course is intended primarily for non-majors, and does not meet the junior/senior level course field distribution requirement. LEC.

POLS 320. Introduction to Public Policy. 3 Hours. GE3S / S.
Offers an introduction to the policy-making process covering policy formulation, adoption, and implementation. Overview of major theories of the policy-making process, the actors involved in the process, and the constraints and enhancements offered by the broader political environment. The theoretical frameworks are applied to several substantive policy areas. Prerequisite: POLS 110. LEC.

POLS 330. Introduction to Public Administration. 3 Hours. S.
Introduction to administration, public policy and policy makings is the study of government workers, the organizations in which they work, how they are financed, and how government engages citizens to help form and maintain community. In various ways, the class sessions explore the three important issues of public administration: discretion, authority, and accountability. (Same as PUAD 330.) Prerequisite: POLS 110. LEC.

POLS 331. Introduction to Public Administration, Honors. 3 Hours. S.
Introduction to administration, public policy and policy making, for honors students, is the study of government workers, the organizations in which they work, how they are financed, and how government engages citizens to help form and maintain community. In various ways, the class sessions explore the three important issues of public administration: discretion, authority, and accountability. (Same as PUAD 331.) Prerequisite: POLS 110. LEC.

POLS 350. Contemporary Issues in Comparative Politics. 3 Hours.
This course will survey selected current political issues around the globe. The focus of the course will be on understanding and analyzing the wide diversity of political phenomena that mark countries around the world. Topics may include such things as elections and electoral politics; political parties; government stability; democratization; ethnic, racial, caste, or religious conflict; protest and revolutionary movements; social movements (environmental, feminist, and others); and the politics of economic reform. This course is intended primarily for non-majors, and does not meet the junior/senior level course field distribution requirement. LEC.

POLS 370. Contemporary Issues in International Politics. 3 Hours. S.
A survey of selected issues in current international relations. Topics include global economic interdependence, regional conflicts and nationalism, United States military and economic policy in the post-Cold War era, the role of international organizations such as the United Nations and the European community, global environmental problems and the contemporary role of international law. This course is intended primarily for non-majors and does not meet the junior/senior level course field distribution requirement. LEC.

POLS 492. Field Work in Politics and Policy-Making. 3-6 Hours. AE61 / S.
This offering provides course credit for field work in politics and policy-making that takes place outside the department’s Spring Semester internship programs in Washington, D.C. and Topeka. Consent of Instructor is required prior to enrollment. FLD.

POLS 493. Directed Readings. 1-3 Hours. AE61 / U.
Individual and supervised readings in selected areas of political science. Course is repeatable for different areas; however, only 3 hours of directed readings can be applied to the major. Prerequisite: Six hours of political science, 2.5 overall grade-point average, and prior consent of department. IND.

POLS 494. Washington Semester Intern Seminar. 3 Hours. AE61 / S.
Intern seminar in Washington, D.C. Students meet weekly during Washington Semester program, in speaker/seminar format. Participation is expected, and a term paper is a requirement. Prerequisite: Consent of instructor. FLD.

POLS 495. Topeka Semester Intern Seminar. 3 Hours. AE61 / S.
Intern seminar at statehouse in Topeka. Students meet weekly during this program, in speaker/seminar format. Participation is expected, and a term paper is a requirement. Prerequisite: Consent of instructor. FLD.
POLS 496. Washington Semester Field Work. 3-6 Hours. AE61 / S.
Supervised internships in public and private agency offices in the Washington, D.C. area. This course is open only to students who are participating in the department’s organized, supervised, semester-long Washington internship program. In order to be eligible for the program, students must have junior or senior standing, an overall grade-point average of 2.75, must have completed POLS 110 and have a 3.0 grade point average in all political science courses. Course will be graded satisfactory/unsatisfactory. Prerequisite: Consent of instructor is required prior to enrollment. FLD.

POLS 497. Topeka Semester Field Work. 3-6 Hours. AE61 / S.
Supervised internships in public and private agency offices in the Topeka area. This course is open only to students who are participating in the department’s organized, supervised, semester-long Topeka internship program. In order to be eligible for the program, students must have junior or senior standing, an overall grade point average of 2.75, must have completed POLS 110 and have a 3.0 grade-point average in all political science courses. Course will be graded satisfactory/unsatisfactory. Prerequisite: Consent of instructor is required prior to enrollment. FLD.

POLS 498. Honors Thesis. 3-6 Hours. AE61 / S.
Political science majors who in their senior year who wish to become candidates for graduation with honors in political science must enroll in and successfully complete six hours of honors thesis work. Consent of the department is required and candidate must have minimum grade point averages of 3.5 in political science courses and 3.25 in all courses, in both in-residence and combined work. IND.

POLS 501. Contemporary Political Thought. 3 Hours. S.
An examination of the major theoretical questions concerning citizenship and government in modern society. Major ideologies and important contemporary philosophers are examined to determine how they address such issues as the meaning of the public interest, the just distribution of power and privilege, the proper role of government in society, and legitimate methods for making collective decisions. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of instructor. LEC.

POLS 502. History of Political Thought. 3 Hours. S.
A survey of major concepts and theories in political philosophy from Plato to Marx. The emphasis is on understanding major classics in western political thought. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of instructor. LEC.

POLS 503. Politics in Literature. 3 Hours. S.
An examination and analysis of the portrayal of politics and political problems in literature. Classical and modern texts will be considered, including dramas, poems, and novels. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of instructor. LEC.

POLS 504. Millenarian Movements. 3 Hours. S.
A historical survey of millenarian movements (the belief in imminent, total, ultimate, this-worldly, collective salvation), with particular attention to their psychological, sociological, and political dimensions. (Same as REL 504.) Prerequisite: POLS 301 or honors equivalent or for non-majors completion of Western Civilization requirement, or consent of instructor. LEC.

POLS 506. Honors Seminar in Political Research. 3 Hours. S.
Students will be exposed to a variety of topics related to the conduct of political science research. Emphasis will be on how one discerns what is known and what remains to be discovered about a research topic, the development of theories and the hypotheses about the unknown, and the collection of information for testing theories. Students will be expected to begin independent research on a topic that might eventually culminate in an honors thesis. This seminar is intended for political science majors who are in the honors or deans programs, who hold departmental scholarships, and/or who intend to write honors theses. Prerequisite: POLS 306. IND.

POLS 511. The Judicial Process. 3 Hours. S.
Covers judicial functions, organizations, personnel, and processes. Examines the goals of the law and the operations of the legal system in meeting these objectives. Focuses on norm enforcement, conflict resolution, and judicial policy-making. Prerequisite: POLS 110. LEC.

POLS 512. Latino Politics. 3 Hours. S.
An overview of the political position of Latinas/os in the United States. The focus is on the three largest Latino groups in the U.S.: Mexican-Americans, Cuban-Americans, and Puerto Ricans; as well as an examination of other South American and Central American populations in the U.S. The main topics include identity formation, the political circumstances of Latinos, relationship to the electoral process, political behavior, and the policy process. LEC.

POLS 515. American Political Parties. 3 Hours. S.
Survey of the development of the American political party system, stressing party organization, nominating systems, campaigns, elections, role of mass media, and party finances. Prerequisite: POLS 110. LEC.

POLS 516. Public Opinion and American Democracy. 3 Hours. S.
This course examines the construction, administration, and interpretation of public opinion polls. The course will also examine the role of public opinion in the democratic process and the formation of public opinion. LEC.

POLS 520. Political Communication. 3 Hours. H.
This course will focus on contemporary political communication theory and illustrate how such theories are exemplified in modern political contexts: political arguments and developing consensus, constitutional issues and hearings, the rhetorical presidency, the dissemination of political information, and political uses of definition. (Same as COMS 607.) Prerequisite: COMS 130 or COMS 150. LEC.

POLS 521. Rhetoric, Politics and the Mass Media. 3 Hours. H.
This course investigates the ways in which rhetorical strategies (persuasive and linguistic usage) permeate the relationship between politics and politicians and the mass media. We will analyze media coverage of political debates, the presidential use of radio, television and press conferences, and the network evening news coverage of political events to see how political decisions are influenced by and influence the media. (Same as COMS 335.) Prerequisite: COMS 130 or COMS 150. LEC.

POLS 528. Environmental Justice and Public Policy. 3 Hours. S.
This course provides an overview of environmental justice, both as a social movement and as a public policy initiative. Environmental justice examines the distribution of environmental externalities across different socio-economic and racial groups. We will discuss several different public policy areas that have been impacted by the environmental justice movement: hazardous waste facility siting, urban redevelopment and Brownfields, transportation policy, and Native American sovereignty. We will also touch upon international environmental policy in an environmental justice context. Throughout the course we will evaluate empirical issues in studying environmental justice. (Same as EVRN 528.) Prerequisite: POLS 306 or a statistics class or consent of instructor. LEC.

POLS 553. Comparative Environmental Politics. 3 Hours. S.
This course compares environmental politics and policies across a number of countries, including those in North America, Western Europe, East Asia, and Latin America. (Same as EVRN 553.) LEC.
POLS 561. Liberation in Southern Africa. 3 Hours. NW AE42 / S.
This course examines struggles for freedom in southern Africa and the consequences of political, economic, and social changes in the region. The end of colonial rule, the demise of white-settler domination, and the fall of the apartheid regime is discussed. As a major political event of the twentieth century, the liberation of southern Africa had both local and global consequences. The course analyzes transnational issues of liberation and resistance to consider broader regional and international perspectives. Course themes pay particular attention to gender and ethnicity and include a focus on democratization and contemporary meanings of liberation. Prior coursework in African Studies is strongly recommended, but not required. (Same as AAAS 561 and HIST 561.) LEC.

POLS 562. Women and Politics. 3 Hours. S.
This course exposes students to contemporary research on women and politics by surveying the sub-fields of political science. Topics include women's representation in the U.S., women and U.S. public policy, gender and legal theory, international women's movements, women and revolution, and women as political elites. We will examine the ways in which feminist theory and women's activism have challenged the narrow focus of the discipline as well as redefined women's place in society. (Same as WGSS 562.) Prerequisite: A 100-level POLS course or WGSS 201 or permission of instructor. LEC.

POLS 563. Comparative Political Economy. 3 Hours. S.
This course studies fiscal, monetarist, and trade policies to assess the usefulness and problems posed by these policy instruments across countries. This includes examining exchange rates, interest rates, budget deficit, trade deficit, and debt, to understand their composition and relevance to domestic economy, employment, investment, development, and international trade, the problems they pose, and how these may be overcome. We then examine when, how, and why government enacts these instruments across countries and regions. Prerequisite: POLS 150 or POLS 151. LEC.

POLS 564. Elections and Political Parties Around the World. 3 Hours. S.
An examination of the diverse forms of election rules and their consequences for political parties, politicians, and voters. The course will survey election rules in theory and practice; the design and re-design of election rules in new and established democracies; and how elections affect party strategies or governance and representation, and the types of party systems that emerge. The course will also incorporate intensive studies of election campaigns occurring during the semester that the course meets. Prerequisite: POLS 150. LEC.

POLS 565. Political Change in Asia. 3 Hours. S.
This course focuses on three periods of major political changes in Asia since 1945: independence from colonization; adoption of governance; and steps toward democratization. The focus on political change is to help students see that a) many countries initiate political reforms domestically; b) the ability to implement changes is correlated to ability to win support; c) the constitutional process may favor some groups over others; d) the ability to mediate political stability depends on (a), (b), and (c). Prerequisite: POLS 150 or equivalent. LEC.

POLS 566. Social Welfare, Taxation, and the Citizen. 3 Hours. S.
Most developed countries provide for the basic needs of their citizens. Many provide healthcare, free education, and even retirement funding in exchange for taxes. The U.S. is an exception. The course presents taxation systems in most developed countries, then explores the dimensions of social welfare, and the differential roles of citizens in each country. The final section of the course outlines legislative and legal possibilities for U.S. citizens. Prerequisite: POLS 150. LEC.

POLS 600. Contemporary Feminist Political Theory. 3 Hours. S.
A detailed introduction to feminist thought post-1960. Examines feminism in relation to the categories of political theory: liberal feminism, socialist feminism, radical feminism, and postmodern feminism. Within these categories and separately, we will also consider feminism as it is influenced by women traditionally excluded from mainstream feminist thought, namely U.S. woman of color and women of post-colonial societies. (Same as WGSS 600.) Prerequisite: WGSS 201 or a 100-level POLS course or permission of instructor. LEC.

POLS 601. Political Ideologies. 3 Hours. S.
A systematic survey of the major political ideologies of the 19th and 20th centuries such as anarchism, socialism, liberalism, fascism, communism, and participatory democracy. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of instructor. LEC.

POLS 602. American Political Ideas. 3 Hours. S.
A study of political movements and thinkers from the Puritan period to the present that have influenced the development of contemporary political ideas. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of instructor. LEC.

POLS 603. Democratic Theory. 3 Hours. S.
Detailed study of the typical and perennial dilemmas that arise in theories of democratic governance with an emphasis on contemporary analytical investigations of democratic systems. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of instructor. LEC.

POLS 604. Religion and Political Theory. 3 Hours. S.
An examination of the relationship between religious faith and politics in Western political thought and theory. The approach will be both historical and philosophical, beginning with Moses on the one hand, and the Greeks on the other. Texts will include biblical, Greek philosophical, Jewish and Christian philosophical and theological writings. (Same as REL 604.) Prerequisite: POLS 301, or for non-majors completion of Western Civilization requirement, or consent of instructor. LEC.

POLS 605. A Study of Political Thought in Antiquity. 3 Hours. S.
Possible authors for examination may include Homer, Hesiod, Plato, Aristotle, Cicero, and Augustine, among others. Central topics will include the problems of truth and knowledge, justice, power, human rule, and the relationship of the individual to the community. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of the instructor. LEC.

POLS 606. Social Choice and Game Theory. 3 Hours. S.
A systematic survey of the major political ideologies of the 19th and 20th centuries such as anarchism, socialism, liberalism, fascism, communism, and participatory democracy. Prerequisite: Nine hours of political science and completion of the College of Liberal Arts and Sciences mathematics requirement for the B.A. degree. LEC.

POLS 609. Topics in Political Theory: _____ 3 Hours. S.
A study of selected theorists in relation to a topic in political theory. Sample topics include: revolution; authority and community; elements of
political power; political elites: ideology, human nature in politics, political conflict, etc. Theorists will range from ancient to contemporary. Course is repeatable for different topics. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of instructor. LEC.

POLS 610. Constitutional Law: Governmental Powers. 3 Hours. S.
The Supreme Court viewed as a political branch of our government. Special emphasis on the Court’s role in determining powers of government and their relationships. Prerequisite: POLS 110. LEC.

POLS 611. Constitutional Law: Civil Liberties. 3 Hours. S.
The constitutional limits on governmental powers are studied with special emphasis on constitutional guarantees of individuals freedom. Prerequisite: POLS 110. POLS 610 is recommended. LEC.

POLS 612. Psychology in Politics. 3 Hours. S.
An examination of psychological perspectives on political phenomena. Topics include political personality, foreign policy decision making, international conflict and cooperation, voting behavior, and political participation and socialization. Prerequisite: Nine hours of political science, including POLS 110 and POLS 170. LEC.

POLS 613. Comparative U.S. State Politics. 3 Hours. S.
A systematic comparative analysis of structures, functions, and policies of state political systems. Prerequisite: POLS 110 or consent of instructor. LEC.

POLS 614. Urban Politics. 3 Hours. S.
A survey of the social, cultural, economic, and structural differences among cities and an investigation into how these factors affect urban politics and policies. Specific topics include leadership, governmental reform, citizen participation, inter-ethnic conflict, and economic development. Prerequisite: POLS 110. LEC.

POLS 615. Campaigns and Elections. 3 Hours. S.
This course examines the behavior of candidates, campaigns, and voters in the electoral process. Topics will include the role of media, the impact of money, the operations of political campaigns and the effect of campaign laws. LEC.

POLS 616. Interest Group Politics. 3 Hours. S.
Study of internal group organization and the politics of interests within the U.S. policy-making process. Prerequisite: POLS 110. LEC.

POLS 617. The Congress. 3 Hours. S.
Descriptive and comparative analysis of legislative institutions and processes in the United States, covering Congress and state legislatures. Prerequisite: POLS 110. LEC.

POLS 618. The Presidency. 3 Hours. S.
The office of the President of the United States, its place in the constitutional and political system. Emphasis is given to modern experience and current problems. Prerequisite: POLS 110. LEC.

POLS 619. Topics in American Politics: ________. 1-3 Hours. S.
A study of selected contemporary problems of politics or politics in the United States. Course is repeatable for different topics. Prerequisite: POLS 110. LEC.

POLS 620. Formulation of Public Policy. 3 Hours. S.
Analysis and evaluation of the structures and processes involved in the formulation of public policy at all levels of government. Prerequisite: POLS 110. LEC.

POLS 621. Public Policy Analysis. 3 Hours. S.
An introduction to the study and analysis of public policy with emphasis on the concepts and techniques of policy thinking. The methods of policy description, explanation, evaluation, and choice will be applied to a variety of policy topics, e.g. health care, defense, environmental protection, education, etc. Prerequisite: POLS 110. LEC.

POLS 622. Government and the Economy. 3 Hours. S.
An examination of the formulation and execution of government policies in the economy and the business sector; the impact of the economy and business on government policies and the impact of government policies on the economy and business. Prerequisite: POLS 110 or consent of instructor. LEC.

POLS 623. The Politics of Social Policy. 3 Hours. S.
An examination of the formulation and execution of key social policies in the United States, such as welfare policy, crime and drug control policy, disability rights policy, education policy, and social regulatory policy concerning controversial social issues such as abortion and gun control. Prerequisite: POLS 110. LEC.

POLS 624. Environmental Politics and Policy. 3 Hours. S.
Analysis of environmental politics and the formulation and implementation of environmental policy. Examines the history and development of environmental politics as well as current trends. Themes include interest groups, business interests, political institutions, and specific environmental policy issues. (Same as EVRN 620.) LEC.

POLS 625. Extremist Groups and Government Response. 3 Hours. S.
Examines left- and right-wing extremist political groups in America and how the government has developed policies and respond to these groups. Special attention will be given to the process of policy adoption and implementation and how the government might respond to extremist groups in the future. Issues and themes will include groups such as the left-wing terrorists of the 1960s and 1970s, right-wing anticommunist groups of the 1950s and 1960s, international terrorists acting in the U.S., hate crime, ecoterrorism, citizen militia groups, and pro- and anti-abortion extremist groups. Prerequisite: POLS 110. LEC.

POLS 626. Introduction to Survey Research. 3 Hours. S.
This course introduces the theory and methods used in survey research. The topics include types of surveys, type of sampling methods, questionnaire and codebook construction and analysis. Prerequisite: POLS 306. LEC.

POLS 627. Advanced Issues in Survey Research. 3 Hours. S.
This course focuses on the problems encountered while implementing surveys in specific populations (in the United States and Europe) and in developing countries. The course identifies problem areas such as in sampling and questionnaire design; and addresses how researchers overcome these problems. Prerequisite: POLS 306 and POLS 626. LEC.

POLS 628. The Politics of Public Health. 3 Hours. S.
This course examines the social, institutional and political context of public health policy in the United States. We will examine factors that shape the nation’s public health, explore the role of government in reducing risk and promoting well being, and analyze the major institutions responsible for monitoring, protecting and promoting general public health. Themes include the social determinants of health, health disparities, emerging infectious diseases, food safety, transportation, and environmental health. (Same as EVRN 628.) Prerequisite: POLS 110 and POLS 306 are recommended. LEC.

POLS 629. Topics in Public Policy: ________. 1-3 Hours. S.
Examination of the U.S. political system and policy formulation and administration through intensive analysis of selected current public policy problems. Sample topics include the environment, education, and economic well-being. Course is repeatable for different topics. Prerequisite: POLS 110. LEC.
POLS 630. Politics of Identity. 3 Hours. AE41 / S.
This seminar explores the nature of identity and how identity is relevant to politics and policy with a focus on political attitudes and behavior, institutions, and public policy. Topics include individual and group identity, identities such as gender, racial, sexual orientation, and partisan, and the enduring importance of identity for understanding politics as well as the policy process. The approach is multidisciplinary but political science perspectives are relied on more heavily. (Same as WGSS 630.) Prerequisite: POLS 110 and POLS 306 are recommended. LEC.

POLS 634. Bureaucratic Politics. 3 Hours. S.
Examination of U.S. governmental agencies with special attention to their development and role in the American political system. Prerequisite: POLS 330. LEC.

POLS 640. Politics of Reproductive Policy. 3 Hours. S.
Reproductive policy has historically been a highly politicized policy arena, which has elicited attention from the political community as well as the public. This course moves beyond the popular rhetoric associated with reproductive issues, by critically investigating the history, development, implementation and the relative success of various reproductive policies in the United States. These policies are compared to, and assessed against, policies governing similar topics in various countries. (Same as WGSS 640.) Prerequisite: POLS 110 or consent of instructor. LEC.

POLS 644. Justice and Public Policy in Democratic Societies. 3 Hours. S.
Examines the ethical and philosophical choices that inform public policy in democratic societies. The guiding idea of the course is that public policies reflect underlying decisions about the nature of state authority and the just use of that authority. The theoretical focus is on modern European and American liberal democratic thought; the empirical focus is global. Among the policy issues examined in the course are public education, immigration, gender equality, same-sex marriage, and drugs. Prerequisite: POLS 150 or POLS 301. LEC.

POLS 645. Corruption, Crisis and Scandal. 3 Hours. S.
This course investigates political events and decisions that are considered illegal or illegitimate. Cases from the U.S. and around the world are considered. Issues discussed include the misuse of governmental power and funds, electoral fraud, and bribery. Conditions under which problems arise and reforms that address them are considered. Prerequisite: POLS 110 and POLS 150. LEC.

POLS 650. Palestinians and Israelis. 3 Hours. S.
Examines the international relations, political institutions, and social politics of these two ethnonational communities in relation to each other. Specific topics include the historical evolution of the Israeli-Palestinian conflict, prospects for conflict resolution, electoral systems and political parties in the two nations, state-society relations, social movements, and roles of gender and religion. Prerequisite: Nine hours of Political Science, including POLS 150/POLS 151 or POLS 170/POLS 171, or permission of instructor. LEC.

POLS 651. Women and Politics in Latin America. 3 Hours. S.
This course examines the ways in which Latin American women have engaged in politics in the past two decades. Cases will draw from a variety of countries in Latin America. Students are expected to develop insights, through comparative analysis, into why women “do politics” in certain ways, the role of the State in women’s politics, the (dis)advantages of various political strategies, and the ways in which political, economic, and social changes over time have affected women’s political opportunities and interests. (Same as WGSS 651.) Prerequisite: Six hours of course work in Political Science and/or Women’s Studies and/or Latin American Studies. LEC.

POLS 652. Politics in Europe. 3 Hours. S.
The study of the politics and government of Europe. Major countries are covered in depth, while smaller democracies are grouped according to political concepts. Prerequisite: POLS 150. LEC.

POLS 653. Gender, War, and Peace. 3 Hours. S.
This course explores ways in which militarization and warfare are gendered processes. We ask, what does war tell us about gender, and what does gender tell us about war? Though the majority of fighters are men, women are essential to war efforts. They also represent a high proportion of the casualties of war. Yet women are rarely examined in relation to war; thus we work to uncover women’s experiences of war. We also look to women’s contributions to the peace movement in terms of both theory and practice, asking: Is peace a feminist issue? Should feminists support women’s access to combat positions or oppose the military? What if women ruled the world–would that end wars? Does militarized masculinity harm men more than benefit them? How do states mobilize citizens to war and how is the process gendered? (Same as WGSS 653.) Prerequisite: One of the following: POLS 150, POLS 151, POLS 170, POLS 171, WGSS 201, WGSS 202. LEC.

POLS 654. Politics and Government of Russia and the Central Eurasian States. 3 Hours. S/W.
The collapse of the Soviet system and the problems of transforming a central planned authoritarian state into a free market democracy. The roles of ethnic and national tensions, economic decay, and cultural factors. Prerequisite: Eight hours in the social sciences and/or history, including POLS 150, or consent of instructor. LEC.

POLS 655. Politics of East-Central Europe. 3 Hours. S/W.
This course analyzes Communist political theory in its application to the countries of East-Central Europe with consideration of their traditional backgrounds and their patterns of political, social, and economic developments. It constructs a theoretical model of the communist state and discusses its variations by description and comparison of the governments and political processes of Albania, Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Rumania, and Yugoslavia. Prerequisite: POLS 150 and three hours in the social sciences or East European history, or consent of instructor. LEC.

POLS 656. Governments and Politics of East Asia. 3 Hours. NW AE42 / S/W.
A comparative examination of the contemporary political institutions, processes and ideas of China, Japan, and Korea. (Same as EALC 656.) Prerequisite: POLS 150 or a course in East Asian studies. LEC.

POLS 657. Government and Politics of Southeast Asia. 3 Hours. NW AE42 / S/W.
An evaluation of the traditional and contemporary political institutions, behavior and ideas of the countries of Southeast Asia. Prerequisite: POLS 150 or a course in Asian history or Southeast Asian history. LEC.

POLS 658. Theories of Politics in Latin America. 3 Hours. S/W.
This course examines how political science can be used to explain the political dynamics of Latin America. The course will be devoted to understanding different theories about politics -- many of which have been devised by political scientists whose primary focus of study is not Latin America -- and examining their uses and limitations in understanding Latin America. Among the themes we will be examining are the relationships between economic growth, political culture, and democracy, the role of the military in politics, the political impact of new social movements (such as the women's movement and religious movements), theories of revolution, and understanding the prevalence of political corruption in the region. Along the way, we will analyze how political scientists attempt to develop hypotheses, gather data, and test theories. Prerequisite: POLS 150 or a social science course in Latin American topics. LEC.
POLS 659. Political Dynamics of Latin America. 3 Hours. S/W.
Study of the institutions, processes, and special problems of selected Latin American countries. Prerequisite: POLS 150 or a course concerning Latin America in the social sciences or history. LEC.

POLS 660. The Politics and Problems of Developing Countries. 3 Hours. NW AE42 / S/W.
A focus on topics pertinent to all of the underdeveloped areas such as the role of the military, styles of political leadership, land tenure systems, the role of the middle sectors, the nature of bureaucracy, the activity of the students, and foreign policy attitudes. Prerequisite: One of the following: POLS 652, POLS 653, POLS 654, POLS 655, POLS 656, POLS 657, POLS 658, POLS 659. LEC.

POLS 661. Politics of the Middle East. 3 Hours. NW AE42 / S/W.
Survey of domestic and international political developments in the Middle East. Topics include: emergence of the modern nation-state, the role of Islam, leadership patterns, competing political ideologies, prospects for democratization, foreign policy relations, and regional conflicts. Prerequisite: Nine hours in political science, including POLS 150 and POLS 170 or their honors equivalents, or permission of instructor. LEC.

POLS 663. Protest and Revolution. 3 Hours. S.
An exploration of what happens when protesters challenge a state. The course focuses on the interactions and outcomes of dissident and state conflict. Topics include the relation between coercion and protest, strategy, violence, terrorism as adaption, civil war and regime transition. Prerequisite: POLS 150. LEC.

POLS 664. Middle East Politics, Honors. 3 Hours. S.
Honors Version of POLS 661. Survey of domestic and international political developments in the Arab countries, Iran, Turkey, and Israel. Topics include state-society relations (e.g., forms of political organization, electoral politics, opposition movements, human rights, political Islam, gender), regional and international foreign relations, and the Arab-Israeli conflict. Prerequisite: Nine hours of Political Science, including POLS 150/151 and POLS 170/171, and membership in the University Honors Program; or by permission of instructor. LEC.

POLS 665. Politics in Africa. 3 Hours. NW AE42 / S.
A survey of politics in Africa, focused on the countries of sub-Saharan or Black Africa. The course includes a historical discussion of precolonial Africa, colonization and the creation of contemporary states, and the politics of independence, before examining contemporary political systems and the forces influencing patterns of politics on the continent. (Same as AAAS 600.) Prerequisite: POLS 150 or AAAS 105 or AAAS 305 or consent of instructor. LEC.

POLS 666. Political Economy of East Asia. 3 Hours. S.
This course provides basic understanding of fiscal, monetarist, and trade politics; how governments in East Asia use them to pursue growth; the extent to which these governments follow or controvert economics to pursue growth; and how the performances of economies in East Asia relate to the U.S. and global economies. (Same as EALC 666.) Prerequisite: POLS 150. LEC.

POLS 667. Islam and Politics. 3 Hours. NW AE42/AE51 / S.
This course gives students a basic understanding of Islam and Islamic movements, explores the economic, social, political, and cultural context in which these movements take place, and examines the impact of Islam on politics in select countries. Issues such as compatibility of political Islam and democratic politics, political economy in Muslim societies, fundamentalism in Islam, gender relations, identity politics and questions on clash of civilizations are explored. (Same as SOC 640.) Prerequisite: A principal course in sociology, POLS 150, or consent of instructor. LEC.

POLS 668. Reform in Contemporary China. 3 Hours. NW AE42 / H/W.
Examines the epochal changes that have occurred in China from Deng Xiaoping’s rise to power in 1978 to the present. Includes a focus on the historical background of the revolutionary period before examining the political and economic changes that spawned the 1989 “prodemocracy” movement at Tiananmen. The course includes an analysis of the events of the 1990s focusing on U.S.-China political and economic relations and the destabilizing effects of inflation, infrastructural reform, political and economic decentralization, and leadership succession. A previous course on China is helpful, but not mandatory. (Same as EALC 585.) LEC.

POLS 669. Topics in Comparative Politics: _____, 2-3 Hours. S.
A study of selected contemporary problems of policy or politics affecting several countries. Course is repeatable for different topics. Prerequisite: POLS 150. LEC.

POLS 670. United States Foreign Policy. 3 Hours. S.
An evaluation of the formulation of United States foreign policy in the post-World War II period. Economic, military, and diplomatic dimensions of policy; internal and external influences on policy; theories of foreign policy decision-making. Prerequisite: Nine hours of political science, including POLS 170. LEC.

POLS 671. International Cooperation. 3 Hours. S.
An examination of the gains possible from international cooperation and the barriers to achieving cooperation. Theoretical perspectives on international cooperation will be explored along with cases such as trade, the environment, arms control, and the European community. Prerequisite: POLS 170 or consent of instructor. LEC.

POLS 672. International Political Economy. 3 Hours. S.
Structural theories of the international political economy provide the framework for a consideration of the nature of hegemony, the management problem of multinational corporations, the role of international regimes and organizations, development, and dependency. Prerequisite: Nine hours of political science, including POLS 170. LEC.

POLS 673. International Organization. 3 Hours. S.
International organizations are examined with special emphasis devoted to the United Nations. A central theme of the course rests upon the question of whether strengthened international organization offers the only alternative to further world wars. Prerequisite: POLS 170 and three additional hours of political science. LEC.

POLS 674. International Ethics. 3 Hours. H.
This course reviews how philosophical perspectives elucidate the role ethics plays in foreign policy. It covers human rights doctrines, issues of economic and political justice, just war theory (jus ad bellum) and just conduct of war (jus in bello) and humanitarian intervention. Prerequisite: POLS 170 or POLS 171. LEC.

POLS 675. Russian Foreign Policy. 3 Hours. S/W.
Examination of the history of Soviet and Russian foreign policy and current issues of foreign policy in the Post-Soviet era. Analysis of foreign policy making in Russia and the other Post-Soviet states. Emphasis on the changed nature of international security problems after the cold war and on the role of foreign policy in economic development. Prerequisite: Eight hours in the social sciences or history, including either POLS 170 or a course in Russian history. LEC.

POLS 676. International Relations of Asia. 3 Hours. S/W.
An intensive study of the problems of ideological conflict, diplomatic relations, strategic arrangements, economic cooperation, and cultural exchange in East and Southeast Asia with special emphasis upon the roles of major world powers. (Same as EALC 676.) Prerequisite: POLS 170 or a course in East Asian studies. LEC.
POLS 677. U.S. National Security Policy. 3 Hours. S.
An investigation into (1) how security policy is made; (2) the evolution of changing assumptions, strategies and goals since 1945; and (3) the present policy and its alternatives. Prerequisite: Six hours of political science, including POLS 170. LEC.

POLS 678. Chinese Foreign Policy. 3 Hours. S/W.
In-depth examination of China’s changing policies toward other countries with special emphasis on policy-making process, negotiating behavior, military strategy, economic relations, and cultural diplomacy. (Same as EALC 678.) Prerequisite: POLS 170 or a course in East Asian studies. LEC.

POLS 679. International Conflict. 3 Hours. S.
Examination of the historical and theoretical issues surrounding the sources and control of international conflict. Topics will include political and anthropological theories of conflict, the role of force in the international system, international law and just war approaches, nuclear conflict, arms control, and nonviolent alternatives to conflict. Prerequisite: Nine hours of political science, including POLS 170; POLS 306 is recommended. LEC.

POLS 680. International Relations in Political Philosophy. 3 Hours. S.
A consideration of classical and modern theories of the international system, such as the writing of Thucydides, Machiavelli, twentieth-century realists, and others. Topics include: theories of the state, the role of ethics and normative judgments in the world order, the nature and use of power, the relationship between domestic and international politics. Prerequisite: POLS 301, or (for non-majors) completion of the Western Civilization requirement, or consent of instructor. LEC.

POLS 681. Comparative Foreign Policy. 3 Hours. S.
An examination of theories that seek to explain the foreign policy behavior and decision making processes of states in international relations and a survey of past and present foreign policies of several states in Latin America, Western and Eastern Europe, Africa, the Middle East, and the Far East. Prerequisite: Nine hours of political science, including POLS 150 and POLS 170. LEC.

POLS 683. International Mediation, Honors. 3 Hours. S.
This seminar examines the theories about, research on, and the practice of international mediation and other forms of non-militarized third party intervention used to address interstate, intrastate, and nonstate disputes. Specific topics include how mediation differs from other forms of non-militarized peace-building and conflict resolution; the conditions for mediation success (and how ‘success’ is defined; third party involvement after protracted civil conflict; the role of third parties in the implementation of peace agreements; the relationship between mediation, peace-building, and international law; and proactive conflict management. Prerequisite: Nine hours of political science, including POLS 170/171 and membership in the University Honors Program, or by permission of instructor. LEC.

POLS 684. International Law: The State and the Individual. 3 Hours. S.
International law has assumed an increasingly significant role in international life. This course will examine major law including (but not limited to): the changing status and role of the state; rights of minorities and self-determination; the environment; and human rights. The course will examine the central questions and the relevant international legal principles associated with each issue. Prerequisite: Six hours of Political Science, including POLS 170. LEC.

POLS 685. International Law: Laws of Armed Conflicts. 3 Hours. S.
This course examines the principles, roles, and functions of international law in the conduct of war. As the course reviews the development and application of the basic rules of armed conflict, several current issues and conflicts are addressed including: the legitimate use of force; the proper definitions of combatants and civilians; actions that constitute war crimes, the legality of new weapons technology, and, if the laws of armed conflict apply to the current "war on terrorism." Prerequisite: Six hours of Political Science, including POLS 170. LEC.

POLS 689. Topics in International Relations:. 2-3 Hours.
A study of selected problems in international relations. Course is repeatable for different topics. Prerequisite: POLS 170. LEC.

POLS 701. Political Theory. 3 Hours. S.
This course is intended to introduce graduate and advanced undergraduate students to the kinds of activities engaged in by political theorists. Thus the course focuses on several approaches to doing political theory, such as interpreting the work of great political philosophers, clarifying political concepts, organizing and integrating political ideas, evaluating political practices, and creating new political perspectives. The course focuses on historical and contemporary treatments of both epistemological issues (the possibility and grounds for political knowledge) and selected substantive issues (e.g., the legitimacy of the state, the merits and limitations of democracy, the requirements of justice, and the nature and importance of ideologies). LEC.

POLS 703. Social Choice and Game Theory. 3 Hours.
A survey of the political economic approach to individual and collective choice behavior called "rational choice." The course focuses on models of voting systems and other political institutions as seen from a game theoretic perspective. Prerequisite: Nine hours of political science or admission into the M.A. or Ph.D. LEC.

POLS 705. Research Design for Political Science. 3 Hours.
Introduction to the discipline of political science, the philosophy of science, research design, and data acquisition. Prerequisite: Graduate standing or consent of instructor. LEC.

POLS 706. Research Methods I. 3 Hours.
An introduction to quantitative research methods, including probability theory, hypothesis-tests, and multiple regression. Includes regression diagnostics, the treatment of numeric and categorical predictors, interaction effects and elementary nonlinear models. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and lab sessions where computing applications are taught. LEC.

POLS 707. Research Methods II. 3 Hours.
This course covers basic techniques for multivariate analysis, focusing on multiple regression. Topics include interpretation of regression statistics, diagnostics for common problems, dummy variables, instrumental variables, basic time series methods including adjustment for autocorrelated error, logistic models, and nonlinear modeling; additional techniques may be covered at the discretion of the instructor. Prerequisite: POLS 706. LEC.

POLS 708. Advanced Qualitative Research Methods. 3 Hours.
An examination of qualitative research approaches frequently employed within political science. Topics may include the use of case studies, archival and documentary research, content analysis, interviewing and focus group techniques, ethnographic fieldwork, narrative and discourse analysis, and others. The course will examine the strengths and limitations of these methods in relation to major research traditions such as culturalist approaches, historical institutionalism, rational choice, and constructivism. Prerequisite: POLS 705 and either graduate standing or consent of instructor. LEC.
POLS 709. Topics in Political Theory: ______. 3 Hours.
At the discretion of the instructor, this course will select one or more
important areas of political theory for in-depth analysis. Prerequisite: Six
hours in Political Theory. LEC.

POLS 710. American Public Philosophies. 3 Hours.
Surveys scholarly attempts to describe and analyze critically the
changing public philosophies that have dominated American society
and politics. Liberalism, republicanism, ascertainment, and pluralism
are examples of such public philosophies. Also considered are some
philosophies that are important but have not dominated American politics.
Transcendentalism, populism, communitarianism, racial nationalism, and
religious fundamentalism are examples of such philosophies. Prerequisite:
Graduate standing or consent of the instructor. SEM.

POLS 711. The Psychological Base of Political Behavior. 3 Hours.
Examination of the relations between psychological mechanisms and
social milieu factors and individual political behavior. Particular attention
is devoted to understanding the development of politically relevant
psychological traits and dispositions, and to the methodology employed in
studying the socio-psychological factors which underlie individual political
behavior. Prerequisite: Twelve hours of political science and consent of
instructor. LEC.

POLS 712. The Electoral Process. 3 Hours.
A study of the characteristics of voting behavior and the influences upon
such behavior in the United States. Emphasis is placed upon relevant
research findings concerning partisanship and participation in politics,
and on the methodology employed in the study of political behavior.
Prerequisite: Twelve hours of political science and consent of
instructor. LEC.

POLS 713. Law and Society. 3 Hours.
A study of the province and function of law in the context of relevant
social, economic, and political factors. The impact of these factors on
the law will be illustrated through readings and discussions of selected
case histories. Emphasis will be placed upon law as a social phenomenon
rather than upon its technical aspects. Prerequisite: Twelve hours of
political science and permission of instructor for undergraduates. LEC.

POLS 716. Political Behavior. 3 Hours.
A seminar for students interested in understanding the public opinion,
voting, and other forms of political participation. This course will include
a discussion of the formation, measurement of political attitudes as well
as an examination of protest and other forms of extra-legal participation.
Prerequisite: Graduate standing or consent of instructor. LEC.

POLS 719. Topics in the American Political Institutions: ______. 3 Hours.
A seminar to be offered as occasion demands, dealing with, but not
limited to special topics in the presidency, congress, and judicial
processes. Prerequisite: Graduate standing or consent of instructor. LEC.

POLS 720. The Scope of Public Policy. 3 Hours.
Introductory graduate course in the examination of public policy making.
Considers institutions, basic theoretical frameworks, and standard
methods, and places policy-making within a broad political context.
Emphasizes American examples, but relevant comparative material is
employed. Prerequisite: Twelve hours of political science. LEC.

POLS 722. Intergovernmental Relations. 3 Hours.
A survey of characteristic legal, political, and administrative relationships
among different units of American government, with particular emphasis
upon the role of state agencies. Prerequisite: Nine hours of political
science. LEC.

POLS 726. Public Policy in Comparative Perspective. 3 Hours.
This seminar examines the application of policy theory in regional and
comparative contexts. Much of the research examined focuses on
comparative public policy, but select weeks focus on specific regions of
the world. A key goal is to help students understand which theories of
policy may be best suited for universal application. LEC.

POLS 754. Politics and Government of Russia and the Central
Eurasian States. 3 Hours.
The collapse of the Soviet system and the problems of transforming a
central planned authoritarian state into a free market democracy. The
roles of ethnic and national tensions, economic decay, and cultural
factors. Prerequisite: Eight hours in the social sciences and/or history,
including POLS 150, or consent of instructor. LEC.

POLS 758. Revolutionary Politics of Latin America. 3 Hours.
Primarily a comparative analysis of the Mexican, Bolivian, and Cuban
revolutions within a framework of theories of revolutions. Some attention
also to revolutionary political groupings and conditions in other Latin
American countries. Prerequisite: POLS 150 or a course concerning Latin
America in the social sciences or history. LEC.

POLS 774. International Law. 3 Hours.
Study of topics in international law, relating these closely to the dynamics
of international relations. Special emphasis will be given to regulating
force, resolving disputes, the law of the sea, human rights, and emerging
problem areas such as the environment, outer space, the oceanic seabed,
and genocide. Prerequisite: Six hours of courses in international relations
including POLS 170 and/or relevant courses in the social sciences and
modern history. LEC.

POLS 789. Topics in International Relations: ______. 2-3 Hours.
A study of selected problems in international relations. Prerequisite:
Consent of instructor. RSH.

POLS 810. American Politics. 3 Hours.
A survey and critical examination of recent theoretical developments and
research focusing on national institutions, electoral behavior, and policy-
making processes. Emphasis is given to conceptualizing and analyzing
the changing nature of the American political system. LEC.

POLS 820. Policy Formulation and Adoption. 3 Hours.
Survey of the literature on the institutional, socioeconomic, and political
forces influencing the formulation and adoption of public policy, as well
as policy change, at all levels of government. Topics include problem
definition, agenda setting, and the methods of decision-making. This is
a research seminar so students will be required to conduct an original
research project. LEC.

POLS 821. Policy Implementation and Analysis. 3 Hours.
An overview of the policy implementation process and the analysis
of public policy. The course covers a variety of theories and methods
related to the study of the implementation process, policy evaluation,
policy analysis, and policy change and learning. Substantive policy areas
covered include environmental regulation, education, criminal justice,
public safety, and health care. LEC.

POLS 825. Public Policy and Urban Administration. 3 Hours.
An examination of policy development, implementation, and evaluation in
the local government context. Various theories of the policy process and
their application to municipal government are examined. (Same as PUAD 825.) LEC.

POLS 830. Advanced Research Methods for Public Policy. 3 Hours.
Research seminar organized around advanced quantitative and qualitative method skills for research on American and comparative politics and public policy. The course will combine advanced statistical estimation procedures (e.g., hazard analysis, event history analysis, hierarchical "contextual effects" models) with methods for the collection and integration of data. This course is intended to facilitate research efforts of students in the fields of American politics, comparative politics, and public policy. The course is open to Ph.D. students from other departments who have completed a course in intermediate regression analysis. Prerequisite: POLS 707 or similar graduate level course. LEC.

POLS 849. Law, Courts, and Public Policy. 3 Hours.
This course provides an overview of the role of law, litigation, and courts in the public policy process, with an emphasis on bureaucratic institutions. The course covers the main theories and empirical research on the policy effects of litigation and intervention, with a particular focus on civil rights in the areas of employment, policing, welfare, prisons, and environmental policy. (Same as PUAD 849.) Prerequisite: Graduate standing or consent of instructor. LEC.

POLS 850. Introduction to Comparative Politics. 3 Hours.
This course provides a graduate level introduction to the field of Comparative Politics. Among topics it will survey are: the history and development of the field; classic works and major founding concerns of the field; methodological and epistemological debates; competing paradigms which had characterized Comparative Politics (structural-functionalism, culturalists, state-centrists, institutionalists, rational choice, and other); theory building and the role of area studies. LEC.

POLS 851. Comparative Institutions and Government. 3 Hours.
This course provides a survey of the subfield of political institutions within Comparative Politics. Among the topics it will cover are: identifying regime types (democracy vs. non-democracy); comparative electoral systems; party systems; presidential vs. parliamentary systems; comparative legislatures; constitutional engineering and democratic transitions, and others. Prerequisite: POLS 850. LEC.

POLS 852. Comparative Political Economy. 3 Hours.
This course provides a survey of some of the major works, research traditions, and current debates in the subfield of comparative political economy. This includes such topics as: The political economy of development and underdevelopment; dependency and world systems theory; the relationship between economic development and democracy; capitalist development and democracy; the political economy of dual transitions; the political economy of privatization and structural adjustment; comparative welfare states; and comparative labor-business-government relations. Prerequisite: POLS 850. LEC.

POLS 853. Comparative Social Politics. 3 Hours.
This course provides a survey of some major research traditions and current debates in the subfield of political sociology. This includes such topic as: culture and politics; elites, social structures, and politics; the politics of cultural pluralism and ethnonationalism; social movements and protest; gender and politics; state-society relation; and religion and politics. Prerequisite: POLS 850. LEC.

POLS 870. International Relations. 3 Hours.
Critical evaluation of the major approaches to international relations and their application to conflict and conflict resolution, foreign policy, and international political economy. LEC.

POLS 878. Conducting and Analyzing Fieldwork in Developing Countries. 3 Hours.
An introduction to fieldwork and surveys conducted in developing and non-democratic countries. The course covers the challenges of conducting interviews and surveys in these countries. The intent is to develop the research skills necessary for data collection and fieldwork as well as evaluating an analyzing survey data collected by other researchers in developing countries. Prerequisite: POLS 705 or equivalent or consent of the instructor. SEM.

POLS 888. Contemporary China Studies. 3 Hours.
This course will review and analyze the current literature on China’s social and political development, including a wide range of topics within political science. There is a rich body of literature within each topic such as civil society in China, legal reform, political culture, nationalism, gender issues, ethnicity, political behavior, elections, economic development, and inequality. This course will introduce key literature within each topic focusing on the debates among China scholars as well as how these debates fit in the general field of political science. (Same as EALC 888 and POLS 888.) Prerequisite: POLS 688 or permission of the instructor. LEC.

POLS 889. Non-Thesis Research. 1 Hour.
Research course used to fulfill continuous enrollment requirement for master's degree students. Hours cannot count toward degree. Must be graded Satisfactory/Unsatisfactory. RSH.

POLS 899. Thesis. 1-6 Hours.
Enrollment for writing thesis for master’s degrees. THE.
POLS 907. Research Methods in International Studies. 3 Hours.
This course focuses on quantitative methods of research relevant to international relations and comparative politics. Topics will vary with the instructor and student interests, but may include time series analysis, classification algorithms, computer programming and computational modeling, simulation, event data and content analysis, and dynamic models. Prerequisite: POLS 707. LEC.

POLS 908. Individual and Collective Choice. 3 Hours.
This course surveys rational choice theories of politics as they are applied to decisions by individuals and groups. Models of individual behavior are drawn primarily from economics and decision theory. The primary approaches to collective choice are social choice theory and game theory. Prerequisite: POLS 707. LEC.

POLS 909. Topics in Methodology: _____  3 Hours.
An intensive seminar in a method (or a variety of relevant methods) of theoretical or empirical research designed for Ph.D. students only. Emphasis is on deepening the understanding and ability to use advanced methods of analysis. Prerequisite: Admission to the Ph.D. program or consent of instructor. RSH.

POLS 910. Research Seminar in American Government. 2-3 Hours.
A faculty and advanced graduate student collegial research experience focusing on American politics, policy-making and administration, with faculty and students engaged in the production of scholarly research articles, books and conference papers. Topics will be chosen by individual students with consent of the seminar professor. LEC.

POLS 911. The U.S. Congress. 3 Hours.
This seminar employs various theoretical and methodological perspectives to explore the burgeoning post-1960 literature on Congress. Traditional subjects such as committees, parties, and elections are examined through applications of formal models, behavioral analyses, and participant observation. LEC.

POLS 912. Elections and Voting Behavior. 3 Hours.
A research seminar for students interested in theoretical and empirical approaches to the behavior of candidates, voters and contributors in campaigns and elections. The impact of campaign laws and other institutional influences will also be examined. LEC.

POLS 913. State and Local Politics. 3 Hours.
Research seminar on various aspects of state and local government, such as reformed institutions, fiscal stress, citizen participation, and various policy problems. LEC.

POLS 914. Political Behavior. 3 Hours.
Survey of various approaches to the analysis of political behavior, including an evaluation of each approach in terms of its utility in building empirically-based political theory. Examples of the application of the various approaches will focus upon the American political process. LEC.

POLS 915. American Political Parties. 3 Hours.
A survey of the theories and research findings dealing with political parties in American politics, including third and minor parties. Topics to be covered include the development and evolution of the party system, the nature of party organization and the recruitment of party activists, the role of parties in the electoral process, the impact of parties upon public policy, and party reform. LEC.

POLS 916. Group Politics. 3 Hours.
The focus of this course is upon the theories and research findings dealing with political groups in American politics, including protest groups, movements, as well as conventional interest groups. Topics to be covered include group mobilization and maintenance, group involvement in the political party and electoral processes, methods and strengths of group influence, and the impact of political groups on the policy process. LEC.

POLS 917. The Presidency. 3 Hours.
An advanced research seminar for students interested in theoretical and empirical approaches to the American presidency. This seminar will examine the powers and organizations of the White House through a study of the literature. LEC.

POLS 919. Topics in U.S. Government and Politics: _____. 2-3 Hours.
A seminar to be offered as occasion demands, dealing with, but not limited to, bureaucracy, legislative policy, federalism, and special problems in U.S. politics. LEC.

POLS 920. Policy Analysis Research Seminar. 3 Hours.
Research seminar designed to apply public policy theory and policy analysis methods to evaluate the impact of public policies. Students will be required to design and conduct an original research project with the intention of presenting the work at a professional conference or publishing the work in a professional journal. LEC.

POLS 921. Public Law. 3 Hours.
This seminar is designed to initiate the advanced graduate student to research in judicial and jury behavior. Requirements include mastery of literature on the psychological foundations of legal judgment and research designed to test propositions derived from this literature. LEC.

POLS 929. Topics in Public Policy: _____. 1-3 Hours.
Study of selected topics in public policy. LEC.

POLS 940. Teaching Political Science. 1 Hour.
A discussion of teaching methods and approaches. Students are expected to develop a personal teaching portfolio that describes their outlook on teaching political science and provides sample teaching materials. This course must be taken by all graduate teaching assistants and assistant instructors during the first year of their appointment. Grades are issued on a pass/fail basis. LEC.

POLS 950. Research Seminar in International Studies. 2-3 Hours.
A faculty and advanced graduate student collegial research experience, focusing on comparative politics, area studies, and international relations, with faculty and students engaged in the production of scholarly research articles, books, and conference papers. Topics will be chosen by individual students with consent of the seminar professor. RSH.

POLS 951. Mobilization. 3 Hours.
A study of how politicians, interest group leaders, and dissident leaders exhort citizens to act in or preclude them from acting in politics. LEC.

POLS 952. Comparative Electoral and Party Systems. 3 Hours.
This research seminar addresses the major theoretical and empirical issues in the study of electoral and party systems. In addition to evaluating the classic works of Arrow, Duverger, Lipset and Rokkan, Rae, and Taagepera and Shugart, students will assess contemporary work on electoral and party systems that has evolved from this source material. The course will address the design and reform of electoral systems, institutional rules and the strategic environment they create for political actors, the role of institutional and social factors in the development of political party systems, and the role of election administration. Students will develop and present original research papers related to these topics. Prerequisite: POLS 850. LEC.

POLS 953. Comparative Legislatures. 3 Hours.
This research seminar addresses the major theoretical and empirical issues in the study of legislatures. Students will discuss the design of institutions, government formation, accountability, legislative process and role of committees, agenda setting, elections and parties, and representation. The course will familiarize students with the core debates
in legislative studies, extend knowledge of regional variation in the design and function of representative institutions, develop skills in the analysis of legislative records, and enhance professional socialization. Prerequisite: POLS 810, POLS 850, or consent of instructor. SEM.

POLS 954. Politics in Post-Soviet States. 3 Hours.
In-depth study of the politics of Russia, Ukraine, and the other Post-Soviet states. Focus on the problems of transforming a centrally planned authoritarian system to a free market democracy. LEC.

POLS 955. Politics of Advanced Industrial Societies. 3 Hours.
Theory and research on the patterns of behavior that characterize the politics of North America, Europe, and developed regions of Asia. Topics include corporatism and alternative forms of interest intermediation, economic theories of socialization and electoral choice, and the role of the state; its finances, adaptation, and the problem of power and legitimacy. Prerequisite: POLS 850 or permission of instructor. LEC.

POLS 956. The Governments and Politics of Asia. 2-3 Hours.
A research seminar on selected subjects and issues in the governments and politics of selected Asian countries. The particular focus each year will depend upon the instructor. LEC.

POLS 957. Comparative Political Behavior. 3 Hours.
The course introduces students to the vast literature on comparative elections and comparative political parties. It pursues a twofold goal. First, the course surveys the large comparative electoral behavior literature. The themes covered in the first half include a discussion of why voters participate in elections, how voters form preferences, how psychological processes affect mass views, and how these, in turn, influence party preferences. Second, the course introduces students to the supply-side of politics and the role of political parties. This second part of the course, therefore, examines why parties form in the first place, what motivates they have, what choices they offer in short, how and why parties compete. Together, the way voters form preferences and the logic of party formation illuminate a central element of the democratic process. LEC.

POLS 958. Topics in Comparative Politics: _____ 1-3 Hours.
Study of selective topics in comparative government and politics. LEC.

POLS 960. Politics of Developing Countries. 2-3 Hours.
LEC.

POLS 961. The Politics of Culturally Plural Societies. 3 Hours.
This is an advanced graduate seminar on the comparative study of politics in countries characterized by sub-cultural cleavages, including ethnicity, language, religion and race. The course will first survey and critique competing theoretical explanations for different patterns of conflict or peaceful cohabitation among such groups in a variety of world regions. Students will then examine the utility of these theories in individual in-depth research papers which will be presented in class and critiqued by seminar participants. LEC.

POLS 970. Foreign Policy Analysis. 3 Hours.
Designed to acquaint students with the principal theories, approaches and types of empirical analysis generally employed to explain and interpret the creation and implementation of foreign policy. Topics include rational actor models, collective and bureaucratic processes, societal influences, cognitive and psychological factors, and comparative foreign policy. Prerequisite: POLS 870. An undergraduate United States foreign policy class is recommended. LEC.

POLS 972. Theories of International Conflict. 3 Hours.
An in-depth survey of theories and research on international conflict. Topics will range from anthropological studies of conflict in primitive societies to contemporary theories of nuclear conflict. The course will also cover current empirical research methodology and results of research on international conflict, as well as models of conflict processes. Prerequisite: POLS 870. LEC.

POLS 973. International Political Economy. 3 Hours.
Provides an eclectic survey of major developments in the field. Topics include the intellectual origins of IPE; the historical evolution of the international system; North-South and Western trade, investment, and monetary relations; foreign aid, debt technology transfer, development, international economic institutions (e.g., IMF, IBRD, MNCs, etc.). (Same as SOC 873.) Prerequisite: POLS 870 or consent of instructor. LEC.

POLS 974. International Mediation and Conflict Resolution. 3 Hours.
The course examines the theory and practice of international mediation and other forms of third party intervention used to resolve interstate and nonstate disputes. Topics include explanations of mediation success and failure, conditions of conflict escalation where mediation is likely to be counterproductive or resisted by recalcitrant disputants, the ethics of intervention, citizen diplomacy, and the role of international organizations such as the United Nations. Prerequisite: POLS 870. LEC.

POLS 975. Ethics in International Relations Theory. 3 Hours.
This course examines how issues of International Ethics have been treated in International Relations theory. This course begins by reviewing several theoretical perspectives of International Relations and how these perspectives have historically understood the role ethics plays in international politics. By the end of the semester, students should have a firm understanding of (1) the salient issues of international ethics in world politics and (2) whether and how IR scholars have (theoretically and methodologically) placed those issues in their research paradigms. The issue areas the course will cover include, but are not limited to, human rights doctrines, issues of economic and political justice, just war theory (jus ad bellum) and just conduct of war (jus en bello), and humanitarian intervention. The course will assess the role international law has played in stemming and/or punishing human rights abuses. Students will review several historical cases of genocide, as well as several cases of truth and reconciliation commissions. LEC.

POLS 976. Advanced Topics in International Relations Theory. 3 Hours.
Intensive examination of key theoretical debates in international relations. Topics covered will include Classical Realism and Liberalism, Neorealist/Neoliberal debate, and post-structural critiques of mainstream international relations theory. Prerequisite: POLS 870. LEC.

POLS 977. Topics in International Relations: _____ 3 Hours.
To be offered periodically when topics of special interest arise. LEC.

POLS 978. International Organizations. 3 Hours.
Considers theoretical and empirical work on international governmental and non-governmental organizations (IOs). Specifically highlights the evolving scholarly debates regarding the function, design, and delegation of authority to IOs as well as their behavior and change. Explores these questions in depth through a wide range of cases, including comprehensive coverage of the United Nations, Bretton Woods Institutions, and the European Union, and their activities in issue areas concerning international security, trade, finance, development, humanitarian aid, and the environment. LEC.

POLS 981. Global Development. 3 Hours.
Considers the nature and problems of development and underdevelopment from a cross-regional and interdisciplinary perspective. Deals with the historical origins of the enormous disparities in wealth that exist today, both between and within countries. Considers the explanations for those differences, prescriptions for how to narrow them, and specific cases (both successes and failures) from various regions of the globe. LEC.
POLS 993. Directed Readings. 1-5 Hours.
Designed to meet the needs of graduate students whose study in political science cannot be met with present course. Prerequisite: Consent of instructor. RSH.

POLS 995. Directed Research. 2 Hours.
Designed for advanced graduate students who are concurrently enrolled or who will be enrolled in a subsequent semester in one of the Research Seminars in American Government or International Studies. Students enrolling in this course should have the prior approval of the faculty member with whom they wish to conduct the research. RSH.

POLS 997. Preparation for the Comprehensive Examination. 1-6 Hours.
An independent reading course for students preparing to take the Ph.D. comprehensive examination. May be taken for two semesters or six credits, whichever comes first. Graded on A, B, C, D, or F depending on the results of the comprehensive examination. RSH.

POLS 999. Doctoral Dissertation. 1-15 Hours.
Enrollment for writing doctoral dissertations. THE.

Psychology Courses

PSYC 102. Orientation Seminar in Psychology. 1 Hour. S.
Provides an overview of the discipline of psychology. Emphasizes developing an understanding of opportunities in psychology at the University of Kansas, exploring service-learning options related to the major, and helping students plan goals for their education through an understanding of their personal values and options within and outside the discipline. Open to KU-degree-seeking students only. Contact the Psychology Department to enroll in the course. Non-degree-seeking and non-KU students may enroll in the course by signing up with KU Continuing Education. Graded on a satisfactory/unsatisfactory basis. LEC.

PSYC 104. General Psychology. 3 Hours. SI GE3S / S.
A basic introduction to the science of psychology. LEC.

PSYC 105. General Psychology, Honors. 3 Hours. SI GE3S / S.
Open to students in College or Departmental Honors programs or by permission of instructor. LEC.

PSYC 120. Personality. 3 Hours. SI GE3S / S.
An introductory survey of personality theories, development, assessment and current research. LEC.

PSYC 121. Personality, Honors. 3 Hours. SI GE3S / S.
Open to students in College or Departmental Honors programs or by permission of instructor. LEC.

PSYC 177. First Year Seminar: ______. 3 Hours. SI GE11.
A limited-enrollment, seminar course for first-time freshmen, organized around current issues in psychology. May not contribute to major requirements in psychology. First year seminar topics are coordinated and approved through the Office of First Year Experiences. Prerequisite: First-time freshman status. LEC.

PSYC 200. Research Methods in Psychology. 3 Hours. S.
An examination of the scientific "ways of knowing" employed by psychologists to discover the laws governing human behavior across a wide domain. The focus of the course is upon these methods and the statistical techniques that support them. Open to students in University and Departmental Honors programs or by permission of instructor. Not open to students taking PSYC 200. Prerequisite: PSYC 104 and MATH 101. LEC.

PSYC 202. Study Abroad Topics in: ______. 1-4 Hours. S.
This course is designed for the study of special topics in Psychology. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

PSYC 210. Statistics in Psychological Research. 3 Hours. S.
An introduction to statistical concepts and methods as they relate to analysis and interpretation of psychological data. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC.

PSYC 211. Statistics in Psychological Research, Honors. 3 Hours. S.
An introduction to statistical concepts and methods as they relate to analysis and interpretation of psychological data. Open only to student in University and Departmental Honors programs or by permission of instructor. Not open to students who have taken PSYC 210. Prerequisite: PSYC 104 and MATH 101 or equivalent placement. LEC.

PSYC 318. Cognitive Psychology. 3 Hours. S.
An introduction to contemporary research and theory in human learning and memory, relevant perceptual processes, and higher functions such as language. Prerequisite: PSYC 104 and one of the following: PSYC 200, PSYC 201, PSYC 210, PSYC 211, MATH 101, MATH 104 or equivalent placement. LEC.

PSYC 319. Cognitive Psychology, Honors. 3 Hours. S.
Open to students in University or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104 and one of the following: PSYC 200, PSYC 201, PSYC 210, PSYC 211, MATH 101, MATH 104 or exemption based on ACT or SAT score. LEC.

PSYC 333. Child Development. 3 Hours. S.
A survey course on the science and application of child and adolescent development; including physical, motoric, social, emotional, and cognitive changes from conception through adolescence. The course covers methods and theory, genetics, and may incorporate content on aggression, morality, parenting, media, and peers. Prerequisite: PSYC 104 and one of the following: PSYC 200, PSYC 201, PSYC 210, PSYC 211, MATH 101, MATH 104 or exemption based on ACT or SAT score. LEC.

PSYC 334. Child Development, Honors. 3 Hours. S.
A survey course on the science and application of child and adolescent development; including physical, motoric, social, emotional, and cognitive changes from conception through adolescence. The course covers methods and theory, genetics, and may incorporate content on aggression, morality, parenting, media, and peers. Open to students in University or Departmental Honors Programs or by permission of instructor. Prerequisite: PSYC 104 and one of the following: PSYC 200, PSYC 201, PSYC 210, PSYC 211, MATH 101, MATH 104 or exemption based on ACT or SAT score. LEC.

PSYC 350. Abnormal Psychology. 3 Hours. S.
An examination of psychopathology including anxiety disorders, psycho-physiological disorders, affective disorders, and schizophrenic disorders. Disorders are considered from psychodynamic, behavioral, cognitive, and biological perspectives. Prerequisite: PSYC 104. LEC.

PSYC 351. Abnormal Psychology, Honors. 3 Hours. S.
Open to students in College or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104. LEC.

PSYC 360. Social Psychology. 3 Hours. S.
An introduction to the psychology of social behavior. Systematic consideration of such concepts as social influence, conformity and
deviation, social attitudes and prejudice, socialization and personality, communication and propaganda, morale, and leadership. Prerequisite: PSYC 104 and one of the following: PSYC 200, PSYC 201, PSYC 210, PSYC 211, MATH 101, MATH 104 or exemption based on ACT or SAT score. LEC.

PSYC 361. Social Psychology, Honors. 3 Hours. S.
An introduction to the psychology of social behavior. Systematic consideration of such concepts as social influence, conformity and deviation, social attitudes and prejudice, socialization and personality, communication and propaganda, morale, and leadership. Open to students in University or Departmental Honors programs or by permission of instructor. Prerequisite: PSYC 104 and one of the following: PSYC 200, PSYC 201, PSYC 210, PSYC 211, MATH 101, MATH 104 or exemption based on ACT or SAT score. LEC.

PSYC 370. Behavioral Neuroscience. 3 Hours. N.
A survey of topics related to the biological processes underlying behavior in humans and in animals, including the physiology of neuronal and synaptic, transmission, neurochemistry, and neuropharmacology. Selected topics within the area of behavioral neuroscience are also covered, such as motivation, appetite, reward, homeostasis, biological rhythms, addiction, aggression, stress, emotion, and sleep. Prerequisite: An introductory course in Psychology; an introductory course in Biology; and PSYC 200 or PSYC 201 and PSYC 210 or PSYC 211. LEC.

PSYC 371. Behavioral Neuroscience, Honors. 3 Hours. N.
A survey of basic topics related to the biological processes underlying behavior in humans and in animals, including the physiology of neuronal and synaptic transmission, neurochemistry, and neuropharmacology. Selected topics within the area of behavioral neuroscience are also covered, such as motivation, appetite, reward, homeostasis, biological rhythms, addiction, aggression, stress, emotion, and sleep. Open to students in University or Departmental Honors programs or by permission of instructor. Prerequisite: An introductory course in Psychology, an introductory course in Biology and PSYC 200 or PSYC 201 and PSYC 210 or PSYC 211. LEC.

PSYC 375. Cognitive Neuroscience. 3 Hours. N.
A survey of topics related to the biological processes underlying cognition in humans and in animals, including the physiology of neuronal and synaptic transmission, neurochemistry, and functional neuroanatomy. Selected topics within the area of cognitive neuroscience also covered, such as sensory processing, hearing, vision, learning and memory, attention, motor control, language, hemispheric asymmetry, executive function, and neuroplasticity. Prerequisite: An introductory course in Psychology; an introductory course in Biology; and PSYC 200 or PSYC 201 and PSYC 210 or PSYC 211. LEC.

PSYC 380. Clinical Neuroscience. 3 Hours. N.
The organization and function of the nervous system as it relates to topics of interest to psychologists, including pain, anxiety, stress, sleep, depression, schizophrenia, akinetic and dyskinetic movement disorders, and senile dementia. Prerequisite: An introductory course in Psychology, an introductory course in Biology, and PSYC 200 or PSYC 201 and PSYC 210 or PSYC 211. LEC.

PSYC 381. Clinical Neuroscience, Honors. 3 Hours. N.
The organization and function of the nervous system as it relates to topics of interest to psychologists, including pain, anxiety, stress, sleep, depression, schizophrenia, akinetic and dyskinetic movement disorders, and senile dementia. Open to students in University or Departmental Honors programs or by permission of instructor. Prerequisite: An introductory course in Psychology, an introductory course in Biology, and PSYC 200 or PSYC 201 and PSYC 210 or PSYC 211. LEC.

PSYC 402. Study Abroad Topics in: ___. 1-4 Hours. S.
This course is designed for the study of special topics in Psychology equivalent to courses at the 300 to 600 level at KU. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

PSYC 405. Children and Media. 3 Hours. H.
The applied study of child development theories and research methods on the influences and effects of television and related visual media on childhood in the contexts of families, schools, and society. (Same as ABSC 405 and THR 405.) LEC.

PSYC 406. Individual Differences. 3 Hours. S.
A survey of the nature and sources of differences in human behavior and a consideration of the consequences of these differences for society. Prerequisite: PSYC 104. LEC.

PSYC 410. Intimate Relationships. 3 Hours. S.
A social psychological perspective on adult intimate relationships, examining friendship, dating, committed relationships, and the dissolution of committed relationships. Topics include romance, jealousy, self-disclosure, power, loneliness, and social support. Discussion of heterosexual and homosexual relationships, traditional forms (e.g., marriage) of relationships as well as alternative lifestyles (e.g., cohabitation) and gender-linked differences in relationships. Prerequisite: PSYC 104. LEC.

PSYC 415. Social and Cultural Sources of Self. 3 Hours. S.
An interdisciplinary exploration of the social and cultural sources of self-experience. The first part of the course emphasizes a general process: how the development and experience of self, though it might seem essentially personal, is shaped by social interaction. The second part of the course highlights particular cases: how self-experience may be constructed differently depending on the particular social and cultural settings a person inhabits. Cases include influences of gender, socioeconomic status, and age group on the construction of self-experience within societies from around the world, and ethnic-identity groups within the USA. Prerequisite: PSYC 104. LEC.

PSYC 418. Introduction to Cognitive Science. 3 Hours. S.
Examines the data and methodologies of the disciplines that comprise Cognitive Science, an inter-disciplinary approach to studying the mind and brain. Topics may include: consciousness, artificial intelligence, linguistics, education and instruction, neural networks, philosophy, psychology, anthropology, evolutionary theory, cognitive neuroscience, human-computer interaction, and robotics. (Same as LING 418, PHIL 418, and SPLH 418.) Prerequisite: Consent of instructor. LEC.

PSYC 420. Fundamentals of Personality. 3 Hours. S.
Clinical application of personality theories; personality development and assessment research. Prerequisite: PSYC 104. LEC.

PSYC 430. Cognitive Development. 3 Hours. S.
A basic survey course in the development of thinking and understanding in normal children. The course will cover Piaget’s theory and information processing theories at the advanced undergraduate level. Topics include perception, attention, learning, memory, language, problem solving, and individual differences from birth to the mid-teens. Prerequisite: PSYC 104 or ABSC/HDFL 160. LEC.

PSYC 432. Human Behavioral Genetics. 3 Hours. S.
A survey of human behavioral genetics for upper division undergraduates. Emphasis is on how the methods and theories of quantitative, population, medical, and molecular genetics can be applied to individual and group differences in humans. Both normal and abnormal behaviors are covered, including intelligence, mental retardation, language and language disorders, communication, learning, personality, and psychopathology.
(Same as ANTH 447, BIOL 432, SPLH 432.) Prerequisite: Introductory courses in biology/genetics or biological anthropology and psychology are recommended. LEC.

**PSYC 435. Social and Personality Development. 3 Hours. S.**
An introduction to social and personality development with consideration of both classic and contemporary theoretical viewpoints. The role of social contexts is considered (e.g., family, peers, communities), as well as biological influences (e.g., behavioral genetics). Topics include parent-infant attachment, peer relationships, aggression, etc. Prerequisite: PSYC 104. LEC.

**PSYC 449. Laboratory/Field Work in Human Biology. 1-3 Hours. AE61 / N.**
Faculty supervised laboratory or field research for Human Biology majors. Students design and complete a research project in collaboration with a Human Biology faculty member. (Same as ANTH 449, BIOL 449, and SPLH 449.) Prerequisite: Consent of instructor and Human Biology major. FLD.

**PSYC 453. Psychological Foundations of Musical Behavior. 3 Hours. S.**
Study of human musical behavior, including basic psychoacoustic phenomena, musical taste, functional music, musical ability, cultural organization of musical sounds, and the affective response. Prerequisite: General Psychology, MEMT 370, or consent of instructor. LEC.

**PSYC 460. Honors in Psychology. 1-2 Hours. AE61 / S.**
A seminar for juniors and seniors in the Honors Program in Psychology. Students who have been admitted to the Honors Program in Psychology may enroll for one credit for one or both semesters of their junior year and are required to enroll for two credits for both semesters in their senior year. IND.

**PSYC 465. Stereotyping and Prejudice Across Cultures. 3 Hours. S.**
This course covers a variety of theoretical views concerning the origins of stereotypes and the factors that maintain them, as well as how and when the revision of such beliefs take place. Analysis of various stereotypes (including gender and race) and the experience of prejudice across a variety of cultural contexts is examined. Many difficult social issues are discussed in depth. Prerequisite: PSYC 360 or PSYC 361; or consent of instructor. LEC.

**PSYC 468. Psychology of Women. 3 Hours. S.**
A survey of the psychological theories about women; similarities and differences in behavior of women and men; the effects of biological and social factors on the behavior of women and men; and issues of concern to women of different races, sexual orientations, ages, and so forth. (Same as WGSS 468.) Prerequisite: PSYC 104 or WGSS 201. LEC.

**PSYC 470. Introduction to Contemporary Psychotherapies. 3 Hours. S.**
Review of current psychotherapies with special references to their underlying philosophies, theories of personality, techniques, and effectiveness. Issues concerning the use of drugs in the treatment of mental disorders are also reviewed. Prerequisite: PSYC 104. LEC.

**PSYC 472. Psychology of Sleep and Dreaming. 3 Hours. S.**
This course reviews recent evidence on the roles of dreaming and dreamless sleep. Psychological, developmental, personality, and social psychological aspects are considered. Prerequisite: PSYC 104. LEC.

**PSYC 475. Cognitive Neuroscience. 3 Hours. S.**
The neurobiology of higher mental processes such as perception, attention, learning, memory, thinking, and language, as studied by techniques such as recording from individual neurons, electrical brain stimulation, brain damage, and brain scans and measurements of regional cerebral blood flow in conscious people. Emphasis will be placed on in-class analysis of original research articles. Prerequisite: One of the following courses - PSYC 318, 319, 370, 371, 380, or 381; or consent of instructor. LEC.

**PSYC 480. Independent Study. 1-5 Hours. U.**
Investigation of a special research problem or directed reading in an area not covered in regular courses. No more than 3 hours of PSYC 480 may be counted toward the minimum hours required for the major. Prerequisite: Consent of instructor. IND.

**PSYC 481. Research Practicum. 1-5 Hours. U.**
Guided participation in ongoing research programs to augment quantitative skills through direct practicum experience. No more than 3 hours of PSYC 481 may be counted toward the Psychology minor or the Psychology, Developmental Psychology, and Behavioral Neuroscience major requirements. Prerequisite: PSYC 200 or PSYC 201 or PSYC 210 or PSYC 211 or consent of instructor. RSH.

**PSYC 482. Sensation and Perception. 3 Hours. S.**
Introduction to human sensory and perceptual capabilities. Topics include: sensory systems, perceptual development, and perceiving color, objects, space, movement, sound, speech, touch, smell, and taste as well as various perceptual illusions. Prerequisite: PSYC 104. LEC.

**PSYC 483. Undergraduate Internship in Psychology. 1-3 Hours. U.**
Students conduct psychology focused fieldwork in an organization related to their professional/career goals. Credit hours are determined on the basis of 120 clock hours for 3 credit hours, 80 clock hours for 2 credit hours, and 40 clock hours for 1 credit hour. An internship plan (contract) is developed by the student in conjunction with the student’s academic adviser and signed off by the academic adviser and an authorized agent of the internship site. At the conclusion of the internship experience, the authorized agent of the internship site writes an evaluation of the student. Prerequisite: Admission to the Psychology major. FLD.

**PSYC 490. Theories and Concepts of Child Development. 3 Hours. S.**
An advanced course in the theories and basic concepts of child development. Coverage includes: (a) analyses of the general logic, assumptions, and principles of the five major approaches: normative-maturational, psychoanalytic, social learning theory, cognitive-developmental, and behavior analysis; (b) historical background of developmental theory; (c) social-cultural influences on theory construction; and (d) some cross-cultural perspectives. Not open to students previously enrolled in HDFL 290. Prerequisite: PSYC 104, or HDFL 160, HDFL 161, HDFL 432, or consent of instructor. LEC.

**PSYC 492. Psychology and Social Issues. 3 Hours. S.**
A study of psychological aspects of selected social issues in contemporary American society. Race relations and the civil rights movement. Political extremism. Public opinion and social change. Social psychological approaches to a variety of social problems. Prerequisite: PSYC 360 or 361, or consent of instructor. LEC.

**PSYC 499. Conceptual Issues in Psychology. 3 Hours. S.**
This course examines classic issues in psychology--free-will and determinism, nature and nurture, the mind-body problem, approaches to human action, cultural influences on psychological theories, the evolution of intellectual paradigms, and inductive and deductive approaches to social scientific research--from multiple perspectives within psychology and related social sciences. Prerequisite: PSYC 104 or equivalent. LEC.
PSYC 500. Intermediate Statistics in Psychological Research. 3 Hours. U.
A second course in statistics with emphasis on applications. Analysis of variance, regression, analysis, analysis of contingency tables; possibly selected further topics. Prerequisite: Grade of B- or better in PSYC 210 or PSYC 211. LEC.

PSYC 502. Human Sexuality. 3 Hours. S.
An introduction to the field of human sexuality. Topics to be covered include sexual anatomy and physiology, fertilization, pregnancy, birth and lactation, contraception, human sexual response, sexuality across the life cycle, love, marriage, alternatives to marriage, sexual orientation, sex differences in behavior, parenthood, sexually transmitted diseases, sex and the law, and sex education. Prerequisite: PSYC 104. LEC.

PSYC 511. Laboratory Research in Infant Behavior. 3 Hours. S.
Optional course for students currently enrolled in PSYC 510 or may be taken after completion of PSYC 510. Will offer students practical experience in an infant research laboratory. Students must spend a minimum of nine hours a week (on three different half days) in laboratory. They will learn to observe and record infant behavior, to handle data from experiments and participate in the planning and discussion of laboratory research. Acquaintance with and involvement in the issues of obtaining informed consent and ethical aspects of infant research will be included. Prerequisite: Current enrollment or previous enrollment in PSYC 510 and consent of instructor. LAB.

PSYC 518. Human Memory. 3 Hours. S.
In-depth coverage of human memory phenomena, including phenomena concerning acquisition, storage and retrieval, unconscious forms of memory, memory monitoring and control, and practical aspects of memory such as autobiographical memory, mnemonic techniques and eyewitness memory. Prerequisite: PSYC 104. LEC.

PSYC 520. Memory and Eyewitness Testimony in Children. 3 Hours. S.
A review of the literature on the development of memory in young children, and the implications of this research for understanding children’s eyewitness testimony. The course will present current research on children’s long-term memory abilities, the impact of stress on recall performance, the effectiveness of various types of interviewing techniques, and the suggestibility of children’s recollections. Policy issues and potential guidelines for the elicitation and evaluation of children’s memory reports in both clinical and legal arenas will be discussed. Prerequisite: PSYC 104 or ABSC/HDFL 160, or consent of instructor. LEC.

PSYC 521. Women and Violence. 3 Hours. S.
An examination of research on women and violence, including rape, domestic violence, sexual harassment, stalking, and child sexual abuse. The nature, prevalence, causes, and consequences of violence against women are discussed. (Same as WGSS 521.) Prerequisite: PSYC 104. LEC.

PSYC 531. Language Development. 3 Hours. S.
Introduction to the study of language development; emphasis on the psychological processes underlying syntactic, semantic, and pragmatic aspects of language development in children. Prerequisite: One of the following courses - PSYC 318, 319, 333, or 334; or consent of instructor. LEC.

PSYC 535. Developmental Psychopathology. 3 Hours. S.
A review of the literature on contemporary psychological and developmental disorders of children and youth. Course will present current models of psychopathology, classification systems, assessment methods, and treatment approaches designed for the individual, the family, and the community. Specific attention will be given to age, gender, and cultural differences and similarities. Topics include: anxiety disorders, oppositional behavior disorders, physical/sexual abuse, learning disabilities, and autism. (Same as ABSC 535.) Prerequisite: ABSC 160, PSYC 333, or consent of instructor. LEC.

PSYC 536. The Psychology of Language. 3 Hours. S.
A survey of recent research on psycholinguistics covering the perception, production, and comprehension of language. Topics include: the biological basis for language, the nature of comprehension processes, and memory for the syntactic, semantic, and pragmatic components of language. Prerequisite: One of the following courses - PSYC 318, 319, 333, or 334; or consent of instructor. LEC.

PSYC 545. Culture and Psychology. 3 Hours. S.
The course considers the relationship between culture and psyche. One theme throughout the course involves revealing the cultural grounding of psychological functioning. The second and complementary theme involves identifying the psychological processes involved in the phenomenon of culture. Prerequisite: PSYC 333, 334, 360 or 361 or consent of instructor. LEC.

PSYC 555. Evolutionary Psychology. 3 Hours. S.
A review of evolutionary theory and its application to human personality, cognition, interpersonal relationships, family dynamics, and development. Prerequisite: PSYC 104 and at least 3 additional hours in Psychology, or consent of instructor. LEC.

PSYC 556. Psychology and the Law. 3 Hours. S.
An advanced study of the application of theories and concepts of developmental and behavioral psychology to a range of specific issues and problems of childhood and adolescence. This course will rely heavily upon the empirical research literature. Topics include contemporary social issues and child development, research in applied settings, assessment, intervention, and prevention, as well as program evaluation. (Same as ABSC 565.) Prerequisite: ABSC 160 or PSYC 333, and ABSC/PSYC 535. LEC.

PSYC 570. Group Dynamics. 3 Hours. S.
A study of the processes underlying the dynamics of the group, including the observation of group phenomena and a consideration of their relation to research findings. Prerequisite: PSYC 360 or 361, or consent of instructor. LEC.

PSYC 572. Psychology and International Conflict. 3 Hours. S.
A study of psychological approaches to analysis and intervention in the field of international conflict and peace-making. Focus on major contributions and important paradigms for explanation and action. Prerequisite: PSYC 360 or consent of instructor. Background study in international relations or recent world history desirable. LEC.

PSYC 576. Psychology and the Law. 3 Hours. S.
An application of psychological processes and concepts to the American legal system. Among the topics covered are the socialization of legal attitudes, opinions about the purposes of the criminal justice system and especially of prisons, the concept of “dangerousness,” the nature of jury decision making, and the rights of prisoners, patients, and children. LEC.

PSYC 580. Research Lab. 1-5 Hours. S.
Supervised research under the guidance of a faculty member in the Department of Psychology. Students will be part of a collaborative
laboratory environment, and will be involved in research design, data collection, and data analysis, and will take part in regularly scheduled laboratory meetings. Prerequisite: Permission of instructor. LEC.

PSYC 581. Psychology of Religion. 3 Hours. S.
Consideration of the psychological antecedents of religious experience, the nature of religious experience, and the behavioral consequences of religion. Focus will be on psychological theory and research relevant to religious thought, feeling, belief, and behavior. (Same as REL 581.) Prerequisite: PSYC 104. LEC.

PSYC 590. Nonverbal Communication. 3 Hours. S.
Examination of non-linguistic behavior in human communication, including proxemics (spacing), kinesics (movement and expression), and paralinguistics (voice quality). Includes phylogenetic and developmental perspectives, methods of analysis, applications to interpersonal problems. (Same as COMS 590.) Prerequisite: COMS 356 or PSYC 210 or PSYC 211. LEC.

PSYC 592. Psychological Significance of Physical Illness and Disability. 3 Hours. S.
A lecture course to help students become more aware of and responsive to the psychological needs of persons with physical illnesses or disabilities. Emphasis is upon the meanings of such conditions in individuals’ lives and the effects of treatment and rehabilitation settings on psychological adaptation. Prerequisite: PSYC 104. LEC.

PSYC 598. Positive Psychology. 3 Hours. S.
An introduction to the core assumptions and research findings associated with human strengths and positive emotions. Also an exploration of interventions and applications informed by positive psychology in counseling and psychotherapy, and its application to school, work, family and other close relationships. (Same as PRE 580.) Prerequisite: PSYC 104 or consent of instructor. LEC.

PSYC 600. Basis and Nature of Individuality. 3 Hours. S.
Individuality in cognitive and personality attributes is surveyed, and analyzed by current psychological theory. The course includes topics on the structure of intellect and personality, cognitive theory, brain research and behavior genetics as relevant to the understanding of individuality. Prerequisite: An introductory course in psychology. LEC.

PSYC 605. Health Psychology. 3 Hours. S.
Review of research and theory concerning the role of psychological factors in the development of physical illness and the contribution of psychologists to the treatment and prevention of physical illness. Prerequisite: PSYC 104. LEC.

PSYC 606. Sex Role Development. 3 Hours. S.
An examination of the theory and literature on sex role development in childhood, adolescence, and adulthood. Particular attention is given to approaches stressing androgyny and variations on traditional roles. Processes of socialization into both traditional and non-traditional roles are stressed. Literature on females is emphasized, but male sex role development is also covered. Prerequisite: PSYC 104 or HDFL 160. LEC.

PSYC 610. Advanced Personality. 3 Hours. S.
A survey of selected topics in the area of personality (e.g., defense mechanisms, aggression, interpersonal relations). Prerequisite: PSYC 120 or PSYC 420 or consent of instructor. LEC.

PSYC 613. History and Systems in Psychology. 3 Hours. S.
A survey of the historical development of modern theoretical systems in psychology. Prerequisite: PSYC 104, plus twelve hours in psychology. LEC.

PSYC 616. Foundations of Learning. 3 Hours. S.
A consideration of experimental findings and theories concerning classical and instrumental conditioning. Prerequisite: PSYC 104. LEC.

PSYC 618. Experimental Psychology: Human Learning. 6 Hours. AE61 / S.
Lectures and laboratory research on human information processing as related to theories of word recognition, reading, and language comprehension. Major emphasis on experimental design, data analysis, interpretation, and scientific writing. Prerequisite: PSYC 104 and PSYC 210 or PSYC 211 or consent of instructor. LEC.

PSYC 620. Experimental Psychology: Sensation, Perception, and Cognition. 6 Hours. AE61 / S.
Lectures and laboratory work on human sensory processes and how they result in perceptions of the environment. Experience is provided in designing and implementing research as well as in the skills necessary for statistical analysis, interpretation of data, and scientific writing. Prerequisite: PSYC 104 and PSYC 210 or PSYC 211 or consent of instructor. LEC.

PSYC 622. Experimental Psychology: Social Behavior. 6 Hours. AE61 / S.
Lectures, laboratory and field work on various issues in research in social psychology (e.g., conformity, attitude change, social processes). Two two-hour periods a week and appointment for research. Prerequisite: PSYC 104, PSYC 360, and PSYC 210 or PSYC 211 or consent of instructor. LEC.

PSYC 624. Experimental Psychology: Clinical Psychology. 6 Hours. AE61 / S.
Lectures and laboratory research on contemporary issues in clinical psychology. Emphasis on experimental design, data analysis, interpretation of data, and scientific writing. Prerequisite: PSYC 104 and PSYC 210 or PSYC 211 or consent of instructor. LEC.

PSYC 625. Experimental Psychology: Methods in Neuropsychology and Psychophysiology. 6 Hours. AE61 / S.
Lectures and laboratory work on psychophysiology and neuropsychology research methods. Overview of psychophysiological tools to measure the central and peripheral nervous systems. Experience designing and implementing neuropsychology and psychophysiology research. Prerequisite: PSYC 104 and PSYC 210 or PSYC 211 or consent of instructor. LEC.

PSYC 626. Psychology of Adolescence. 3 Hours. S.
Impact of factors of social environment and physical growth upon psychological development from puberty to young adulthood. (Same as ABSC 626.) Prerequisite: PSYC 104, PSYC 333, or HDFL/ABSC 160. LEC.

PSYC 630. Clinical Psychology. 3 Hours. S.
The historical and empirical foundations of clinical psychology. Significant trends in theory, research, and social organization which have shaped clinical practice. A review of clinical practice. Prerequisite: PSYC 104. LEC.

PSYC 632. Advanced Child Behavior and Development. 3 Hours. S.
An advanced course in child development that includes a survey of the field’s principles and theoretical approaches, and current issues in research and practice. Topics will include: prenatal development, cognition and language, social-emotional development, socialization influences in childhood, developmental psychopathology, and social policies. (Same as ABSC 632.) Prerequisite: ABSC/HDFL 160, PSYC 333, or instructor permission, and senior or graduate status. LEC.
PSYC 642. The Psychology of Families. 3 Hours. S.
Study of the family as a psychosocial system. Emphasis is placed on factors affecting contemporary families including family structures, development, communication patterns, disorders, and treatment approaches. Theory, empirical evidence, and practical principles that may lead to maximizing individual growth in the family unit are discussed. Prerequisite: PSYC 104. LEC.

PSYC 644. Behavioral Pharmacology. 3 Hours. S.
Addresses psychological and behavioral effects of drugs, including psychotropic medications. A central theme is that effects of drugs frequently cannot be characterized solely from a pharmacological perspective. Thus, emphasis is placed on examining the interaction of pharmacological and behavioral variables. For example, how do psychological factors moderate responses to drugs? The nature of this area assumes some knowledge of general psychology, research methods, biology, chemistry, neurophysiology, and the nervous system. Prerequisite: PSYC 104 or consent of instructor. LEC.

PSYC 646. Mental Health and Aging. 3 Hours. S.
Reviews recent research and application in the field of mental health and aging. Theoretical perspectives appropriate for understanding mental health issues with increased age are discussed. The epidemiology, assessment, diagnosis, and treatment methods associated with a variety of mental health conditions are surveyed. The community mental health resources available for older adults are discussed as well as practically-related issues such as evaluations of functional independence and competency among older adults. Prerequisite: PSYC 104 or consent of instructor. LEC.

PSYC 650. Statistical Methods in Behavioral and Social Science Research I. 4 Hours. S.
Elementary distribution theory; t-test; simple regression and correlation; multiple regression and multiple correlation; curvilinear regression; logistic regression; general linear model. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 790 will have different course requirements. Prerequisite: A grade of B- or better in a beginning course in statistics (e.g., PSYC 210 or PSYC 211, MATH 365, POLS 306, COMS 356, SOC 510, or equivalent) is recommended, or consent of instructor. LEC.

PSYC 651. Anova and Other Factorial Designs. 4 Hours. S.
Course covers one-way analysis of variance, linear trends, contrasts, post hoc tests; multi-way analysis of variance for crossed, blocked, nested, and incomplete designs; analysis of covariance; repeated measures analysis of variance; general linear model. Applications across the social, educational, and behavior sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 791 will have different course requirements. Prerequisite: PSYC 650 or equivalent, or consent of instructor. LEC.

PSYC 652. Behavior Therapy. 3 Hours. S.
A review of the principal techniques of behavior therapy, exclusive of operant-based therapies. Emphasis upon systematic desensitization, implosion, assertion training, and modeling techniques. Special attention given to outcome research relevant to the effectiveness of these techniques. Recommended: A course in abnormal psychology. Prerequisite: PSYC 104. LEC.

PSYC 678. Drugs and Behavior. 3 Hours. S.
A survey of the methods used to study the effects of drugs on behavior, and of the effects of selected drugs on behavior, particularly the narcotics, hallucinogens, and drugs used in the treatment of mental illness. Prerequisite: PSYC 104. LEC.

PSYC 679. Applied Nonparametric Statistical Methods. 4 Hours. S.
This course covers nonparametric statistical methods for testing hypotheses. Topics include a review of parametric statistics, sampling distributions, hypothesis testing, and motivations for using nonparametric techniques. In-depth coverage is given to distribution-free procedures, goodness-of-fit tests, resampling methods, and theory underlying nonparametric methods. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 879 will have different course requirements. Prerequisite: PSYC 650 or equivalent, or consent of instructor. LEC.

PSYC 685. Human Factors Psychology. 3 Hours. S.
Research techniques and methods useful in quantifying parameters of human performance that affect system functioning. Special emphasis is placed on modeling visual, auditory, and orienting systems and on human information processing. Prerequisite: PSYC 210 or PSYC 211 or consent of instructor. LEC.

PSYC 687. Factor Analysis. 4 Hours. S.
This course covers the theory behind, and application of, exploratory factor analysis. Topics include a review of multiple linear regression and matrix algebra. In-depth coverage is devoted to diagrams, model specification, goodness of fit, model selection, parameter estimation, rotation methods, scale development, and sample size and power issues. Extensions to confirmatory settings are elaborated. Both the theory underlying factor analytic techniques and hands-on application using software are emphasized. Applications across the social and behavioral sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 887 will have different course requirements. Prerequisite: PSYC 650 or equivalent, or consent of instructor. LEC.

PSYC 689. Conceptual Issues in Human Sexuality. 3 Hours. S.
An examination of the social construction of sexuality and research methods and issues relevant to sexuality. These concepts are applied to various topics, such as defining and conceptualizing sex and gender, sexual dysfunction, sexual orientation, the social control of sexuality, sexual coercion and abuse, and abstinence-only sex education. The course does not cover anatomical or physiological aspects of sexuality. (Same as WGSS 689.) Prerequisite: PSYC 104 or WGSS 201. LEC.

PSYC 690. Seminar: ______. 1-5 Hours. U.
Discussion of current problems in psychological theory and research. Prerequisite: PSYC 104 and sophomore status. LEC.

PSYC 691. The Psychology of Aging. 3 Hours. S.
Social, psychological, and economic adjustments required by aging; changes in cognition, role and personality necessitated by advancing age. Prerequisite: PSYC 210 or PSYC 211 and one of the following: PSYC 318, PSYC 319, PSYC 350, PSYC 351, PSYC 360, PSYC 361, PSYC 370, PSYC 371, PSYC 380, or PSYC 381; or graduate standing; or consent of instructor. LEC.

PSYC 692. Test Theory. 4 Hours. S.
This course begins with recommendations for how to write a test, covers basics of classical test theory, and then emphasizes modern statistical methods for analyzing item data. Methods include factor analysis of categorical responses, methods for identifying measurement invariance (differential item functioning), and item response theory. Approximately one-half of the meetings are labs (primarily consisting of data analysis). The course is offered at the 600 and 800 levels with
additional assignments at the 800 level. Prerequisite: PSYC 790/650 or equivalent, or consent of the instructor. LEC.

PSYC 693. Multivariate Analysis. 4 Hours. S.
Introduction to the central methods used in the analysis of multivariate data. Includes linear transformations, multivariate analysis of variance, multivariate multiple regression, discriminant analysis, canonical correlation, factor analysis, and an introduction to methods for clustering and classification. Applications across the behavior and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 893 will have different course requirements. Prerequisite: PSYC 650 or equivalent, or consent of instructor. LEC.

PSYC 694. Multilevel Modeling I. 4 Hours. S.
Introduction to statistical methods for modeling multilevel (hierarchically structured) data. Topics include a review of ordinary least squares regression analysis, random effects ANOVA, intraclass correlation, multilevel regression, testing and probing interactions, maximum likelihood estimation, model assumptions, model evaluation, and the analysis of longitudinal data. Emphasis will be on the theory underlying multilevel modeling techniques and hands-on application using software. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 894 will have different course requirements. Prerequisite: PSYC 650 or equivalent, or consent of instructor. LEC.

PSYC 695. Categorical Data Analysis. 4 Hours. S.
Introduction to multivariate analyses of count data, including error models, statistical inference, loglinear models, logit models, logistic regression, homogeneity, symmetry, and selected other topics. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 895 will have different course requirements. Prerequisite: PSYC 650 or equivalent, or consent of instructor. LEC.

PSYC 696. Structural Equation Modeling I. 4 Hours. S.
Introduction to statistical methods for modeling latent variables. Topics include a review of latent variables, covariance structures analysis, mean structures analysis, confirmatory factor analysis (CFA), structural equation modeling (SEM), multiple group CFA, longitudinal CFA, longitudinal SEM, and hierarchical CFA. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Students taking this course as PSYC 896 will have different course requirements. Prerequisite: PSYC 650 or equivalent, or consent of instructor. LEC.

PSYC 697. Longitudinal Data Analysis. 3 Hours. S.
Reviews and contrasts various statistical models for the analysis of change. Course focuses on techniques to analyze longitudinal (repeated measures) data beyond the repeated-measures ANOVA framework. Applications across the behavioral and social sciences are emphasized. Students taking this course as PSYC 991 will have different course requirements. Prerequisite: PSYC 696 or equivalent, or consent of instructor. LEC.

PSYC 704. Research Practicum in Clinical Child Psychology. 3 Hours.
This course provides students in the Clinical Child Psychology Program with the opportunity to enhance and consolidate their research activities by fulfilling one of the elective cluster course requirements. This practicum involves a contract with a research advisor and the program director. The contract includes definable products and dates for completion to prepare research for submission for publication, develop a grant proposal, or conduct additional research project independent of other requirements in the program. The course is not to be taken as an overload, but is to be part of a full-time course schedule. May be repeated. (Same as ABSC 704, formerly HDFL 704.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. LEC.

PSYC 706. Special Topics in Clinical Child Psychology: ______. 3 Hours.
A course offering detailed discussion of the literature and research methods of a special topic within clinical child and pediatric psychology. Topic and instructor may change by semester and will be announced in the Schedule of Classes. May be repeated. (Same as ABSC 706, formerly HDFL 706.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. LEC.

PSYC 710. Feminist Issues in Psychology. 3 Hours.
Detailed examination and discussion of psychological theory and research from a feminist perspective. Specific topics will vary. The goal of the course is to facilitate students’ ability to develop feminist critiques of existing research and theory as well as to generate nonsexist alternative approaches. Open to advanced undergraduates with consent of instructor. Prerequisite: Some familiarity with research methods in the social sciences. LEC.

PSYC 723. Advanced Cognitive Psychology. 3 Hours.
Advanced cognitive psychology reviewing theories of pattern recognition, attention, working memory, language comprehension and problem solving. Emphasis will be placed upon the application of these theories to real-life situations. Prerequisite: PSYC 104 and six additional credit hours in psychology, or permission of the instructor. LEC.

PSYC 725. Cognitive Neuroscience. 3 Hours.
A survey of the critical issues within cognitive and behavioral neuroscience. The course will provide information about neuronal physiology, functional neuroanatomy, and psychophysiological research methods. Human cognition and the neurophysiology that subserves the primary cognitive functions will be discussed. LEC.

PSYC 735. Psycholinguistics I. 3 Hours.
A detailed examination of issues in the processing of language. The course will provide a survey of research and theory in psycholinguistics, reflecting the influence of linguistic theory and experimental psychology. Spoken and written language comprehension and language production processing will be examined. (Same as LING 735.) LEC.

PSYC 737. Psycholinguistics II. 3 Hours.
An in-depth examination of selected topics in psycholinguistics. Topics may include spoken language processing, written language processing, neurolinguistics, prosody, and syntactic processing. (Same as LING 737.) Prerequisite: PSYC 735/LING 735 or consent of instructor. LEC.

PSYC 750. Advanced Seminar in Gender Identity and Sexual Orientation. 3 Hours.
Design and execution of research on the causes and consequences of variations in gender identity, sexual orientation or affectional preference, sex roles, and sex-linked behaviors. Prerequisite: Consent of instructor. LEC.

PSYC 757. Theories of Perception. 3 Hours.
A consideration of the facts and theories of human perception. The emphasis will be on vision, although hearing, smell, pain, and other senses will also be discussed. Of particular concern is the question of perceptual modifiability and the response of the human observer to unusual sensory environments. Prerequisite: PSYC 104. LEC.
PSYC 774. Advanced Social Psychology I. 3 Hours.
First semester of a two-semester course. Designed to provide a thorough background in social psychology and to motivate a continuing exploration of theoretical problems and issues in the field. Combines examination of historical development of theories and methods in social psychology with analysis of theoretical and methodological approaches to a variety of contemporary topics. LEC.

PSYC 775. Advanced Social Psychology II. 3 Hours.
A continuation of PSYC 774. LEC.

PSYC 777. Social Psychology: Theory, Research, and Clinical Applications. 3 Hours.
Basic theories in social psychology, as well as their applications to the process of coping with life events. The focus is on the nature of each theory, including the history and more recent developments; however, where clinical applications have been made of a particular theory, these will be discussed. LEC.

PSYC 780. Research Lab. 1-5 Hours. S.
Supervised research under the guidance of a faculty member in the Department of Psychology. Students will be part of a collaborative laboratory environment, and will be involved in research design, data collection, and data analysis, and will take part in regularly scheduled laboratory meetings. Prerequisite: Permission of instructor. LEC.

PSYC 782. Research Methods in Child Language. 3 Hours.
A survey of methods for studying phonological, morphological, syntactic, and semantic change during language development. Methods include: diary interpretation, language sample analysis, probe elicitation tasks, and clinical assessment. (Same as LING 782.) LEC.

PSYC 784. Proseminar in Communication and Aging. 1 Hour.
A weekly forum for students and faculty to discuss professional issues and interdisciplinary research in communication and aging. May be repeated for credit. (Same as COMS 784.) (Same as SPLH 784.) Prerequisite: Consent of instructor. LEC.

PSYC 787. Gerontology Proseminar. 3 Hours.
A proseminar coordinated by the Gerontology Center. The proseminar explores essential areas of gerontology for researchers and practitioners, providing a multidisciplinary (psychology, biology, sociology, and communication) perspective on aging. The proseminar surveys contemporary basic and applied research, service programs, and policy and management issues in gerontology. (Same as ABSC 787, AMS 767, COMS 787, and SOC 767.) (Formerly HDFL 787.) LEC.

A course emphasizing the practical application of inferential statistics to a variety of research designs and outcome variables. Topics will include both parametric and nonparametric statistical procedures, and various applications of both ANOVA and multiple regressions. Prerequisite: Graduate standing in the Department of Psychology or consent of instructor. LEC.

PSYC 790. Statistical Methods in Psychology I. 4 Hours.
Elementary distribution theory; t-test; simple regression and correlation; multiple regression and multiple correlation; curvilinear regression; logistic regression; general linear model. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: A beginning course in statistics and graduate standing, or consent of instructor. LEC.

PSYC 791. Statistical Methods in Psychology II. 4 Hours.
Continuation of PSYC 790. One-way analysis of variance, linear trends, contrasts, post hoc tests; multi-way analysis of variance for crossed, blocked, nested, and incomplete designs; analysis of covariance; repeated measures analysis of variance; general linear model. Applications across the social, educational, and behavior sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: PSYC 790 or equivalent, or consent of instructor. LEC.

PSYC 795. Computing and Psychology. 3 Hours.
Introduction to the use of personal computers to facilitate and standardize administration of research protocols and to automate data collection. Lectures and projects emphasize direct application to research in the behavioral sciences. Prerequisite: Graduate standing in the Department of Psychology and consent of instructor. LEC.

PSYC 796. Computer Models of Brain and Behavior. 3 Hours.
An introduction to the techniques of computer modeling with applications in the study of brain-behavior mechanisms. Early and contemporary efforts to simulate the neuron, neural networks, and neural processes which regulate behavior, are reviewed. Application of modeling techniques in sample brain-behavior problem areas are used to illustrate the operation of thresholds, feedback, dynamic equilibrium, redundancy, plasticity, network structure, and similar constructs. Programming skill in a high-level language available on personal computers or mainframe is required. Prerequisite: EECS 128 or EECS 138 or PSYC 795, and PSYC 370, or equivalent courses or experience. LEC.

PSYC 798. Introduction to Mathematical Methods in Psychology. 3 Hours.
A first course in scaling and modeling psychological processes. Substantive areas treated selected from sensation, perception, learning, memory, preference, choice and decision processes, problem solving, games, social interaction, and individual differences. May be repeated with permission. Prerequisite: Previous course work beyond the introductory level in psychology or a closely related area, a course in statistics, and a course in calculus. LEC.

PSYC 799. Proseminar in Child Language. 2 Hours.
A review and discussion of current issues in children's language acquisition. May be repeated for credit. Students are graded S/F. (Same as ABSC 797, LING 799, and SPLH 799.) (Formerly HDFL 797.) LEC.

PSYC 800. Experimental Psychology: _______. 3 Hours.
An advanced survey of theory and research in a selected area of experimental psychology. Continual enrollment for four semesters is required of entering graduate students in experimental psychology. Open to other students with graduate standing in psychology or a closely related field. May be repeated with permission. LEC.

PSYC 802. Social-Psychological Aspects of Health, Disability, and Associated Life Stress. 3 Hours.
Disabling myths; perception of causes and effects of disease and disability; attitudes and interpersonal relations; hoping, coping, and reality issues; values; professional-client relations; public media and societal rehabilitation. A departmental core course for graduate students. LEC.

PSYC 803. Fundamentals of Psychological Assessment and Intervention with Children. 3 Hours.
Lecture and supervised experience covering the theoretical and empirical literature on assessment and intervention methods for children, adolescents, and families. Students will learn and demonstrate evidence-based clinical interviewing skills, behavioral observation techniques, risk assessment techniques, therapeutic communication approaches, strategies for providing assessment feedback to families, and ethical
principles related to the provision of assessment and psychotherapy (including client file and resource management.) The course requires interaction with clinical populations and communication with referral sources. (Same as ABSC 803.) Prerequisite: Graduate student in clinical child psychology program. LEC.

**PSYC 805. History of Psychology. 3 Hours.**
A historical survey of basic concepts and theories in psychology with emphasis on their relationship to contemporary problems in theory. LEC.

**PSYC 809. Professional Issues: Clinical Child Psychology. 1 Hour.**
Consideration of special problems confronting the child and family oriented scientist-practitioner, and in the development of a professional identity. Topics include critical issues including ethical, legal, cultural, empirical, and clinical aspects of research and practice. May be repeated. (Same as ABSC 809, formerly HDFL 809.) Prerequisite: Graduate standing in clinical child psychology. LEC.

**PSYC 811. Achievement and Intellectual Assessment in Clinical Child Psychology. 3 Hours.**
Course covers the basic theory, research, administration, and reporting of psychological assessment of development, intelligence, and achievement for children, adolescents, and adults within cultural and developmental contexts. The range of psychological instruments examined includes, for example, WIAT, K-ABC, W-J, S-B, WISC, WAIS, and WPPSI. (Same as ABSC 811.) Prerequisite: Graduate standing in clinical child psychology. LEC.

**PSYC 812. Behavioral and Personality Assessment of Children. 3 Hours.**
Lecture, laboratory, field work, and supervision appointment. Theory and applications in the psychological evaluation of children with standardized assessment techniques. The administration, scoring, interpretation, and reporting of behavioral and personality functioning in children. (Same as ABSC 812, formerly HDFL 812.) Prerequisite: Graduate standing in clinical child psychology. LEC.

**PSYC 814. Advanced Child and Family Assessment. 3 Hours.**
Lecture, laboratory, field work, and supervision appointment. Supervised experience in specialized psychological assessment approaches for children and families. Emphasis on interviewing, observation, psychometric scales, and consultation. Rationale, administration, analysis, and reporting of mental health functioning of children and families. Experience with clinical populations, and communication with referral sources. (Same as ABSC 814, formerly HDFL 814.) Prerequisite: Graduate student in clinical child psychology. LEC.

**PSYC 815. Design and Analysis for Developmental Research. 3 Hours.**
Coverage of the philosophy and basic principles of group-design research, with a special emphasis on designs that are appropriate for developmental studies. Designs for both experimental and quasi-experimental research are covered, and appropriate statistical procedures are presented concomitantly with the designs. Individual-difference analyses and statistical control issues are also addressed. LEC.

**PSYC 816. Design and Analysis for Neuroimaging Research. 3 Hours.**
Course covers research design and analysis issues for event-related potential (ERP) and functional magnetic resonance imaging (fMRI) studies. Repeated measures, statistical parametric mapping, principal components analysis, and independent components analysis techniques are covered. Both practical and theoretical aspects of these statistical techniques will be explored in Matlab environment. Matrix algebra recommended but not required. Prerequisite: PSYC 790 and 791 or equivalent are required. LEC.

**PSYC 818. Experimental Research Methods in Social Psychology. 3 Hours.**
Systematic discussion of the techniques of research in social psychology, with practice in the utilization of selected methods. Prerequisite: One course in social psychology in addition to introductory social psychology. LEC.

**PSYC 819. Field and Evaluation Research Methods in Social Psychology. 3 Hours.**
Basic principles and practices of field methods in basic and applied research in social psychology and related fields; relationships between field and laboratory studies; special emphasis on survey and evaluation research methods and study designs; client and respondent relationships; research and public policy. LEC.

**PSYC 820. Advanced Child Development. 3 Hours.**
A survey of the basic empirical research in the field of child development, covering intelligence, cognition, perception, attention, personality, social behavior, and socialization processes. These literatures are integrated and their implications for social application are addressed. (Same as ABSC 820, formerly HDFL 820.) Prerequisite: A course in child development or equivalent. LEC.

**PSYC 821. Women and Violence. 3 Hours.**
An examination of research on women and violence, including rape, domestic violence, sexual harassment, stalking, and child sexual abuse. Research on the nature, prevalence, causes, and consequences of violence against women is discussed. (Same as WGSS 821.) Prerequisite: Six hours in WGSS and/or PSYC, or permission of instructor. LEC.

**PSYC 825. Social Development. 3 Hours.**
A lecture and discussion course in social development. It includes such topics as theoretical approaches to the study of social development, as well as the literature on family processes, peer relations, aggression and prosocial behavior, child abuse and neglect, family violence, child care, and the media. (Formerly PSYC 880.) (Same as ABSC 825.) Prerequisite: A course in psychology or development. LEC.

**PSYC 831. Advanced Human Learning and Memory. 3 Hours.**
An in-depth analysis of current research and theory. Focus will be on experimental methodology in these areas. LEC.

**PSYC 832. Clinical Health Psychology I: Health Promotion and Disease Prevention. 3 Hours.**
An overview of the field of health psychology as applied to health promotion and disease prevention. Content areas include history and current research regarding behavioral and psychosocial risk factors for disease, as well as empirically supported assessment and therapeutic techniques for risk factor reduction and health promotion. Prerequisite: Graduate student in psychology or health-related fields, or permission of instructor. LEC.

**PSYC 833. Clinical Health Psychology II: Acute and Chronic Illness. 3 Hours.**
An overview of the field of health psychology as applied to acute and chronic illness in adult, adolescent, and child populations. Content areas include psychosocial aspects of acute and chronic illness, including relevant empirically supported assessment and intervention strategies, adherence to medical regimens, pain, and enhancement of the psychologist’s role in medical settings. Prerequisite: Graduate student in psychology or health-related fields, or by permission of instructor. LEC.

**PSYC 834. Clinical Health Psychology III: Physical Aspects of Health and Disease. 3 Hours.**
An overview of physical manifestations of health and disease. Content areas include overview of anatomy and physiology of each body system,
PSYC 835. Clinical Practicum IV: Health. 3 Hours.
Supervised assessment and treatment of individuals and families within a medical setting, as well as multidisciplinary consultation. Inpatient and outpatient clinical health psychology rotations may include pediatrics, oncology, pain, rehabilitation, and other health psychology related fields. Emphasis in selection of and training in psychological intervention strategies is on the use of empirically supported treatments where possible. Grading on Satisfactory/Fail basis. Prerequisite: PSYC 970 and graduate student in clinical health psychology specialty. LEC.

PSYC 836. Clinical Practicum V: Health. 3 Hours.
Continuation of PSYC 835. Prerequisite: Graduate student in clinical health psychology specialty. LEC.

PSYC 838. Pain and Its Management. 3 Hours.
Focuses on biological, cognitive/afffective, and social causes and effects of pain. Emphasis on basic research methods in pain, origins of pain, and how the experience of pain alters many aspects of the individual’s life. Topics include anatomy and physiology of pain, impact of pain on a variety of aspects of individuals’ lives, treatments for pain, and the role of various health care professionals in treating pain. Discussions also will include basic research methods in pain, tools for assessing pain, barriers to adequate pain management, and ethical/legal/public policy issues in working with pain patients. Prerequisite: Graduate student in psychology or health-related fields, or by permission of instructor. LEC.

PSYC 839. Palliative Care in Health Psychology. 3 Hours.
Based on the biopsychosocial model, this course focuses on the current practice of palliative care in community and hospital settings by health care professionals. Classes will be discussion based, centered on current issues and controversies in care of the chronically ill and dying. Recent research will be highlighted, as will cultural perspectives on death. Students will be expected to identify applicable literature for presentation and class discussion, along with assigned readings. Prerequisite: Graduate student in psychology or health-related fields, or by permission of instructor. LEC.

PSYC 840. Psychology of Women’s Health. 3 Hours.
A seminar devoted to examination of psychosocial and behavioral factors in women’s health. Content areas include women and the health care system, social roles and health, gender differences, and similarities in morbidity and mortality, gynecologic health, chronic diseases, and health-related behaviors. Prerequisite: Graduate student in psychology or health-related field, or by permission of instructor. LEC.

PSYC 841. Stress and Coping. 3 Hours.
Theories and research on conceptualization, assessment, and effects of stress. Focus on coping processes and other determinants of adjustment to stressful conditions. Discussion of psychological interventions for managing stress and trauma. Prerequisite: Graduate student in psychology or related fields. LEC.

PSYC 842. Specialized Health Psychology Practicum. 1-3 Hours.
Specialized advanced practicum in clinical health psychology, with an area of emphasis mutually defined by student and instructor. Prerequisite: Consent of instructor. LEC.

PSYC 843. Behavioral Pharmacology. 3 Hours.
Addresses psychological and behavioral effects of drugs, including psychotropic medications. A central theme is that effects of drugs frequently cannot be characterized solely from a pharmacological perspective. Thus, emphasis will be placed on examining the interaction of pharmacological and behavioral variables. For example, how do psychological factors moderate responses to drugs? The nature of this area assumes some knowledge of general psychology, research methods, biology, chemistry, neurophysiology, and the nervous system. Specific course structure will be modified to suit student interests. Prerequisite: Graduate student in psychology or health-related fields, or by permission of instructor. LEC.

PSYC 844. Mental Health and Aging. 3 Hours.
Reviews recent research and application in the field of mental health and aging. Theoretical perspectives appropriate for understanding mental health issues with increased age are discussed. The epidemiology, assessment, diagnosis, and treatment methods associated with a variety of mental health conditions are surveyed. The community mental health resources available for older adults are discussed as well as practically-related issues such as evaluations of functional independence and competency among older adults. Prerequisite: Graduate student in psychology or related health field, or permission of instructor. LEC.

PSYC 845. Impression Formation and Interpersonal Behavior. 3 Hours.
Intensive investigations of the processes involved in impression formation and of the effects of established impressions upon interpersonal communications. (Same as COMS 835.) Prerequisite: PSYC 670 or COMS 535. LEC.

PSYC 846. Practicum in Clinical Child Psychology I. 1-3 Hours.
Lecture, laboratory, field work, and supervision appointment. Psychological evaluation and treatment of children and their families; supervised, progressive experience in psychological interventions in clinical child psychology. (Same as ABSC 846, formerly HDFL 846.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. LEC.

PSYC 847. Practicum in Clinical Child Psychology II. 1-3 Hours.
A continuation of ABSC 846/PSYC 846. (Same as ABSC 847, formerly HDFL 847.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. LEC.

PSYC 850. Assessment I: Foundations of Psychological Assessment. 3 Hours.
Introduction to the history, methods and theory underlying psychological assessment techniques and methods. Students learn to administer, score, and interpret mental status exams and intelligence tests for children, adolescents and adults. Structured diagnostic assessments are introduced and practiced. Psychological report writing is introduced and practiced. The psychometric theory underlying the construction and validation of personality assessment instruments is reviewed. Prerequisite: Graduate student in clinical psychology or consent of instructor. LEC.

PSYC 853. Advanced Acoustical and Psychological Aspects of Musical Behavior. 3 Hours.
Study and experimental investigation of acoustic, psychoacoustic, and psychological phenomena as they influence music. Attention will be given to physical parameters; perception of pitch, loudness, and timbre; magnitude estimation; theories of consonance; experimental aesthetics; and measurement and prediction of musical ability. Each student will be expected to complete an experiment or quasi-experiment related to human musical behavior. (Same as MEMT 953.) Prerequisite: PSYC 453 or equivalent; or consent of instructor. LEC.
PSYC 855. Assessment II: Integrative Psychological Assessment. 3 Hours.
Lecture, laboratory and field work. Students learn to administer, score and interpret various personality assessment instruments. Students apply skills acquired in previous coursework to write integrated psychological assessment reports based on anamnestic, structured interview data, intelligence tests, and both objective and projective personality assessment instruments. Prerequisite: PSYC 850 or consent of instructor. FLD.

PSYC 863. Clinical Neuropsychology Across the Lifespan. 3 Hours.
Reviews neural development and the brain-behavior relationships in intact, injured, and diseased brain systems. Details basic issues in clinical assessment and reporting of cognitive impairment resulting from developmental disorders, stroke, traumatic brain injury, and brain-disease. Selected topics include perception, speech, memory/dementia, judgment, and attention. Prerequisite: Graduate status and PSYC 961 or consent of instructor. LEC.

PSYC 864. Clinical Neuropsychology. 3 Hours.
Brain-behavior relationships in humans; structure and function of the brain; evaluation of function; the interpretation of neuropsychological data. Lecture and laboratory. LEC.

PSYC 865. Advanced Psychological Assessment: Interview Based Techniques. 3 Hours.
Lecture and fieldwork. Advanced clinical interviewing. Structured diagnostic interviewing. Coverage of specialized areas of clinical interviewing (e.g., motivational interviewing). Report writing focused on documentation of clinical and structured interviewing. Prerequisite: PSYC 855 or consent of instructor. FLD.

PSYC 870. Cognitive Development. 3 Hours.
A lecture/discussion course in cognitive development. The course will contrast the theory and research of Jean Piaget and his followers, with an information processing or cognitive psychology approach to issues. Topics include development of perception, attention and information getting; memory and metacognition; problem solving; discrimination learning and concept formation; and individual differences in cognitive styles and strategies. Prerequisite: A course in child psychology or development, a course in cognitive psychology, or consent of instructor. LEC.

PSYC 872. Attention, Perception, and Learning in Infancy. 3 Hours.
Coverage of the basic literatures on perceptual-cognitive behavior during the first three years of life, as assessed by measures of attention, perception, learning, and memory. Course material is approached from an information-processing framework. LEC.

PSYC 875. Advanced Assessment: Integration of Assessment Techniques. 3 Hours.
Lecture and fieldwork on selection, administration, scoring and interpretation and integration of data from personality and abilities tests. Focus on assessments includes history, theory and application in psychological assessment batteries. Emphasis on advanced training in objective personality assessment, projective personality assessment, psychometric theory and integrated report writing. Prerequisite: PSYC 855 or consent of instructor. FLD.

PSYC 879. Applied Nonparametric Statistical Methods. 4 Hours.
This course covers nonparametric statistical methods for testing hypotheses when the assumptions of ordinary parametric statistics are not met. Topics include a review of parametric statistics, sampling distributions, the logic of hypothesis testing, and motivations for using nonparametric techniques. In-depth coverage will be given to distribution-free procedures, sign tests, contingency tables, median tests, chi-square and other goodness-of-fit tests, rank correlations, randomness tests, Monte Carlo methods, resampling methods, tests of independence, 1-sample, 2-sample, and k-sample methods, permutation tests, and function smoothing and splines. There will be an emphasis on the theory underlying nonparametric methods. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: PSYC 790 and 791 or equivalent, or consent of instructor. LEC.

PSYC 881. Proseminar in Quantitative Behavioral and Social Sciences. 1 Hour.
This course is an open forum discussion of issues, topics, and presentations in quantitative behavioral and social sciences. The course can be repeated for credit and is open to any graduate student in any discipline across the behavioral and social sciences. SEM.

PSYC 882. Theory and Method for Research of Human Environments. 3 Hours.
Conceptual and technical methods for analysis of behavioral environments; theory and research utilization of behavior settings and other ecobehavioral units. Prerequisite: Nine hours of social science including at least one course dealing with research methods and consent of instructor. LEC.

PSYC 885. Altruism and Helping Behavior. 3 Hours.
Review of contemporary research of prosocial behavior. Topics to be covered include the existence of altruism, why people do and do not help others, and the effect of institutional roles on the behavior of service professionals such as therapists, counselors, and social workers. LEC.

PSYC 886. Item Response Theory. 4 Hours.
This course covers the basic concepts and methods of item response models. Focal topics include the theory underlying IRT models and their general properties. Also covered are methods for checking model assumptions and interpreting IRT estimates. The course uses examples from the social and behavioral sciences to demonstrate how IRT methods can be used to inform and refine survey development, to assess measurement equivalence, link survey scores, and build item banks for short forms or computer-adaptive testing (CAT). Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: PSYC 790 and 791 or equivalent, or consent of instructor. LEC.

PSYC 887. Factor Analysis. 4 Hours.
This course covers the theory behind, and application of, exploratory factor analysis. Topics include a review of multiple linear regression and matrix algebra. In-depth coverage is devoted to diagrams, model specification, goodness of fit, model selection, parameter estimation, rotation methods, scale development, and sample size and power issues. Extensions to confirmatory settings are elaborated. Both the theory underlying factor analytic techniques and hands-on application using software are emphasized. Applications across the social and behavioral sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: PSYC 790 or equivalent, or consent of instructor. LEC.

PSYC 888. Diversity Issues in Clinical Psychology. 3 Hours.
Review of individual differences pertaining to culture, ethnicity, race, gender, sexual orientation, age, etc., as these have an impact upon theory, research, assessment, and treatment issues in clinical psychology. (Same as ABSC 888.) Prerequisite: Graduate status in clinical psychology, or instructor permission. LEC.
PSYC 889. Conceptual Issues in Human Sexuality. 3 Hours.
An examination of the social construction of sexuality and research methods and issues relevant to sexuality. These concepts are applied to various topics, such as defining and conceptualizing sex and gender, sexual dysfunction, sexual orientation, the social control of sexuality, sexual coercion and abuse, and abstinence-only sex education. The course does not cover anatomical or physiological aspects of sexuality. (Same as WGSS 889.) Prerequisite: Six hours in WGSS and/or PSYC, or permission of instructor. LEC.

PSYC 891. Intelligence and Cognition. 3 Hours.
This course concerns the nature of intelligence. Theory and research on cognitive abilities, reasoning, and complex problem solving are surveyed. Special emphasis is given to contemporary cognitive ability research that applies both experimental and correlation methods to understand the nature of intelligence. LEC.

PSYC 892. Test Theory. 4 Hours.
This course begins with recommendations for how to write a test (with or without correct answers, for assessing a wide variety of constructs of interest in social and behavioral sciences), covers basics of classical test theory, and then emphasizes modern statistical methods for analyzing item data. Methods include factor analysis of categorical responses, methods for identifying measurement invariance (differential item functioning), and item response theory. Lectures and Laboratory. This course is offered at the 600 and 800 levels, with additional assignments at the 800 level. Prerequisite: PSYC 790/650 or equivalent, or consent of instructor. LEC.

PSYC 893. Multivariate Analysis. 4 Hours.
Introduction to the central methods used in the analysis of multivariate data. Includes linear transformations, multivariate analysis of variance, multivariate multiple regression, discriminant analysis, canonical correlation, factor analysis, and an introduction to methods for clustering and classification. Applications across the behavior and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: PSYC 790 or equivalent, or consent of instructor. LEC.

PSYC 894. Multilevel Modeling. 4 Hours.
Statistical methods for modeling multilevel (hierarchically structured) data. Topics include a review of ordinary least squares regression analysis, random effects ANOVA, intraclass correlation, multilevel regression, testing and probing interactions, maximum likelihood estimation, model assumptions, model evaluation, and the analysis of longitudinal data. There will be a heavy emphasis on the theory underlying multilevel modeling techniques and hands-on application using software. Applications across the social, educational, and behavior sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: PSYC 790 or equivalent, or consent of instructor. LEC.

PSYC 895. Categorical Data Analysis. 4 Hours.
Multivariate analyses of count data. Error models, statistical inference, loglinear models, logit models, logistic regression. Homogeneity, symmetry, and selected other topics. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: PSYC 790 or equivalent, or consent of instructor. LEC.

PSYC 896. Structural Equation Modeling I. 4 Hours.
Introduction to statistical methods for modeling latent variables. Topics include a review latent variables, covariance structures analysis, mean structures analysis, confirmatory factor analysis (CFA), structural equation modeling (SEM), multiple group CFA, longitudinal CFA, longitudinal SEM, Hierarchical CFA, and Multi-trait Multi-Method SEM. Applications across the behavioral and social sciences are emphasized. Course consists of three hours of lecture and a required one-hour lab session where computing applications are taught. Prerequisite: PSYC 790 or equivalent, or consent of instructor. LEC.

PSYC 897. Master’s Thesis in Clinical Child Psychology. 1-10 Hours.
Supervised research experience completing thesis leading to master’s degree. (Same as ABSC 897.) RSH.

PSYC 898. Proseminar: Professional Issues in Clinical and Health Psychology. 1 Hour.
Discussion of current theoretical, empirical, and applied issues in clinical and clinical health psychology involving students, faculty, guest speakers. Prerequisite: Graduate student in clinical psychology. RSH.

PSYC 899. Thesis. 1-10 Hours.
Graded on a satisfactory/unsatisfactory basis. THE.

PSYC 902. Proseminar in Experimental Psychology. 1 Hour.
Seminar in experimental psychology to be conducted in rotation by the experimental psychologists on the staff and a monthly visiting experimental psychologist. LEC.

PSYC 903. Proseminar in Social Psychology. 1 Hour.
A series of research talks on topics relevant to social and personality psychology featuring different weekly speakers from inside and outside the university. SEM.

PSYC 905. Psychopathology in Children. 3 Hours.
Diagnosis and treatment of psychological problems in childhood and adolescence. (Same as ABSC 905.) Preference given to graduate students in child clinical psychology, school psychology, and counseling psychology. Prerequisite: Fifteen hours of graduate credit in psychology or consent of instructor. LEC.

PSYC 921. Seminar in Early Development. 3 Hours.
A seminar devoted to factors affecting early human development with some attention to theoretical formulations and the relevant animal literature. LEC.

PSYC 923. History and Systems of Developmental Psychology: Developmental Theory. 3 Hours.
An intensive study of traditional and recent developmental theories with an emphasis upon the role of heredity, early stimulation, reinforcement, and modification as each affects the course of the development of children. LEC.

PSYC 927. Seminar in Psychobiology. 3 Hours.
A detailed study of a specific research area dealing with the biological foundations of behavior. Each week articles will be assigned from the journal literature. LEC.

PSYC 930. Research Seminar on Intimate Relationships. 3 Hours.
Consideration of current psychological theory and research on adult intimate relationships: friendship, dating, committed relationships, dissolution of committed relationships. Students will be expected to be involved in on-going empirical research in the area. Prerequisite: Graduate level courses in research design and statistics. LEC.

PSYC 933. Seminar: The Measurement of Attitudes. 3 Hours.
An examination of the concept of attitude and the methods developed to assess the various aspects of attitudes. Prerequisite: PSYC 578 or consent of instructor. LEC.

PSYC 935. Seminar in Group Dynamics. 3 Hours.
Intensive examination of selected problems in the functioning of small groups. May be taken for two semesters. LEC.
PSYC 936. Group Therapeutic Techniques. 3 Hours.
LEC.

PSYC 943. Advanced Practicum in Clinical Child Psychology III. 1-3 Hours.
Lecture, laboratory, field work, and supervision appointment. Advanced psychological intervention techniques for children, youth, and families; supervised progressive experience in application of behavioral and psycho-therapeutic methods to behavioral and emotional problems. (Same as ABSC 943, formerly HDFL 943.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. FLD.

PSYC 944. Advanced Practicum in Clinical Child Psychology IV. 1-3 Hours.
A continuation of ABSC/HDFL 943 and PSYC 943. (Same as ABSC 944, formerly HDFL 944.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. FLD.

PSYC 946. Theories and Methods of Psychotherapy. 3 Hours.
Comparative examination and analysis of major theories and approaches to psychotherapeutic interventions, core principles of therapeutic change, scientific approaches to establishing treatment efficacy, current intervention issues. Prerequisite: Nine hours in graduate clinical psychology or consent of instructor. LEC.

PSYC 947. Advanced Practicum in Clinical Child Psychology V. 1-5 Hours.
A continuation of ABSC/HDFL 944 and PSYC 944. May be taken in more than one semester. (Same as ABSC 947.) Prerequisite: Graduate standing in clinical child psychology and instructor permission. FLD.

PSYC 949. Empirically Supported Treatment. 3 Hours.
This course provides an overview of theoretical and applied issues germane to the contemporary empirically supported treatments movement in clinical psychology. The course will include an in-depth examination of several psychotherapy protocols (e.g., cognitive therapy for depression) which have been identified as "empirically supported," with considerable attention accorded to implementation of the characteristic techniques of such interventions. LEC.

PSYC 950. Clinical Supervision and Consultation: Theory & Research. 1 Hour.
Lecture, readings, and discussion of theory and research related to the practices of clinical supervision and consultation. Developmental and competency based approaches to supervision with exposure to other approaches. Professional issues, ethics, and multicultural aspects of supervision and consultation. Prerequisite: Previous or concurrent enrollment in PSYC 969 or consent of instructor. LEC.

PSYC 951. Clinical Supervision Practicum. 1-3 Hours.
Fieldwork in supervision under direction of instructor. Practice in supervision of clinical work, assessment, psychotherapy, and documentation. Prerequisite: Previous or concurrent enrollment in PSYC 950 and PSYC 969, or consent of instructor. FLD.

PSYC 955. Close Relationships and Adult Attachment: Theory, Research, and Current Controversies. 3 Hours.
Review of attachment theory literature and the research it has generated in clinical developmental, personality, and social psychology. The course will allow discussion of a wide range of issues including the evolution of behavioral systems that underlie close human relationships, the developmental roots of relational styles and affect-regulation processes, the role of mental representations in interpersonal behavior, and some of the attachment and close relationship processes involved in good and poor mental health. Prerequisite: Graduate standing or consent of instructor. LEC.

PSYC 956. Social Neuroscience. 3 Hours.
Acquaint students with the Social Neuroscience approach as well as recent findings using this approach. The course will focus on particular social phenomena and (a) evaluate the utility of current social neuroscience research examining these phenomena and (b) consider future experimental designs using the Social Neuroscience approach to further inform our understanding of each phenomenon. After being acquainted with foundational concepts, students will analyze findings in a number of core content domains (including emotions, emotion regulation, self, stereotyping, attitudes and beliefs, social decision making, cooperation, close relationships), focusing on neuroscience’s contribution beyond traditional methods. Prerequisite: Graduate standing or consent of instructor. LEC.

PSYC 960. Advanced Psychopathology. 3 Hours.
Review of current nosology of adult psychopathological syndromes emphasizing development of diagnostic skills. Critical survey of recent research and theory related to the etiology, course, prognosis, and treatment of adult psychopathological conditions. Prerequisite: Graduate student status in clinical psychology, clinical child psychology, or counseling psychology. LEC.

PSYC 961. Biological Foundations of Psychopathology. 3 Hours.
A review of fundamental topics in the neurosciences and their relevance to selected psychopathological disorders. The fundamental topics are taken from genetics, neuroanatomy, neurophysiology, and neurochemistry. The disorders include schizophrenia, depression, anxiety disorders, Alzheimer’s disease, Parkinson’s disease, and Huntington’s disease. Prerequisite: Graduate student in clinical psychology or consent of instructor. LEC.

PSYC 962. Advanced Personality. 3 Hours.
A survey of selected advanced topics in the area of personality. Includes review of theoretical and research issues in the area of personality. Prerequisite: Consent of instructor. LEC.

PSYC 963. Clinical Child Psychology Internship. 1 Hour.
Three consecutive enrollments, covering a minimum of eleven months of experience in an approved clinical psychology field setting; supervision by qualified clinical child psychology faculty and field staff clinicians. Required of all clinical child psychology program students. An intensive guided experience in application of clinical child psychology theory, methods, and practices. Integrates scientific and clinical aspects of field. (Same as ABSC 963, formerly HDFL 963.) Prerequisite: Completion of Ph.D. comprehensive examinations and permission of clinical child psychology faculty. FLD.

PSYC 964. Clinical Practicum I. 3 Hours.
Lecture, laboratory and field work, and supervision appointment. Psychological evaluation and treatment of individuals, couples, families, and groups; supervised, progressive experience in psychological treatment and in the clinical evaluation of intellectual, personality, and social functioning. Emphasis in selection of and training in psychological intervention strategies is on the use of empirically supported treatments where possible. Grading on Satisfactory/Fail basis. Prerequisite: Graduate student in clinical psychology program. FLD.

PSYC 965. Clinical Practicum II. 3 Hours.
A continuation of PSYC 964. Grading on Satisfactory/Fail basis. Prerequisite: PSYC 964 or permission of instructor. FLD.

PSYC 966. Clinical Practicum III. 3 Hours.
A continuation of PSYC 964. Grading on Satisfactory/Fail basis. Prerequisite: PSYC 964 or permission of instructor. FLD.
PSYC 967. Psychotherapy with Families. 3 Hours.
Clinical approaches to marriage and family therapy. Intensive consideration of the theoretical positions, research findings, clinical methods, and technical problems in marriage and family therapy. Prerequisite: PSYC 946. LEC.

PSYC 968. Research Methods in Clinical Psychology. 3 Hours.
Systematic consideration of research methods in clinical psychology including identification of a research problem, selection of the research design and assessment strategies, and methods of evaluating the results. The principles, pitfalls, artifacts, biases, and sources of controversy in research in this area are also covered. Prerequisite: Graduate standing in clinical or counseling psychology. LEC.

PSYC 969. Clinical Practicum IV. 3 Hours.
Lecture, laboratory, field work, and supervision appointment. Advanced psychological treatment of the individual, couple, family, and group client; supervised, progressive experience in the clinical application of psychotherapeutic treatment methods with emphasis on the use of empirically supported interventions where possible. Grading on Satisfactory/Fail basis. Prerequisite: PSYC 966 or consent of instructor. FLD.

PSYC 970. Clinical Practicum V. 3 Hours.
A continuation of PSYC 969. Grading on Satisfactory/Fail basis. Prerequisite: PSYC 969 or consent of instructor. FLD.

PSYC 974. Clinical Psychology Internship. 1-3 Hours.
Three consecutive enrollments, covering a minimum of eleven months of experience in an approved clinical psychology field setting; supervision by clinical psychology faculty and field staff clinical psychologists. Required of all clinical psychology program students. An intensive guided experience in the application of clinical psychology theory, methods, and practices. An emphasis upon the relationships between scientific and clinical functions. Integrations between research and clinical practice. Prerequisite: Completion of Ph.D. comprehensive examinations and consent of clinical psychology faculty. FLD.

PSYC 975. Professional and Ethical Problems in Clinical Psychology. 3 Hours.
Interprofessional relationships, case security, legal aspects, ethical code of practice, clinician administration, and problems in the clinical practice of psychology. Issues involving ethics in research will also be explored. Prerequisite: Consent of instructor. LEC.

PSYC 976. Therapeutic Interventions with Children. 3-5 Hours.
Clinical approaches to the therapeutic treatment of children with special emphasis on research findings and laboratory (practicum) experience. A survey of relationship therapies, operant strategies, system approaches, parent education and play therapy by the right therapist for a specific child with a particular problem. (Same as ABSC 976.) Prerequisite: Instructor permission. FLD.

PSYC 977. Specialized Clinical Practicum. 1-4 Hours.
Lecture; laboratory and field work, and supervision appointment. Specialized psychological services for the evaluation and/or treatment of the individual client or the group or the institution. Investigation of and experience in a special practicum area not covered in regular courses. Prerequisite: Students must consult with members of the clinical faculty and propose an acceptable project in advance of enrollment. FLD.

PSYC 980. Special Problems in Psychology. 1-5 Hours.
Investigation of a special research problem or directed reading in an area not covered in regular courses. Prerequisite: Consent of instructor. RSH.

PSYC 981. Teaching Psychology. 1 Hour.
Discussion of the problems and techniques of teaching psychology at the undergraduate level. A minimum of one credit of this course must be taken by all assistant instructors during the two semesters of the first year of their appointment in the department. Only three hours may count toward the Ph.D. degree. LEC.

PSYC 982. Issues in Scientific Conduct. 3 Hours.
Lectures and discussion on issues in the conduct of a scientific career, with emphasis on practical topics of special importance in behavioral science. Topics will include the academic and scientific roles of behavioral scientists, establishing a research lab, communicating research findings, tenure processes, gender equity, ethical conduct, and good scientific citizenship. Discussions will highlight important case studies. (Same as SPLH 982.) LEC.

PSYC 983. Methodology. 3 Hours.
Inferential problems in experimental psychology. Prerequisite: PSYC 790 and PSYC 791 or consent of instructor. LEC.

PSYC 990. Methods for Clustering and Classification. 3 Hours.
Statistical methods for identifying classes, clusters, and taxa. Topics include k-means, discriminant analysis, hierarchical clustering algorithms, additive trees, neural network models for clustering, latent class models, finite mixture models, and models for skills/cognitive diagnosis. Applications across the social and behavior sciences are emphasized. Prerequisite: PSYC 790 and PSYC 791 or equivalent, or consent of instructor. LEC.

PSYC 991. Longitudinal Data Analysis. 3 Hours.
Reviews and contrasts various statistical methods for the analysis of change. Course focuses on various techniques to analyze longitudinal (repeated-measures) data beyond the repeated-measures ANOVA framework. Techniques covered include latent change scores, latent difference scores, individual-differences modeling of latent residual and change scores, intra-individual differences modeling (e.g., growth curve, mixed modeling) and growth mixture modeling. Applications across the behavioral and social sciences are emphasized. Prerequisite: PSYC 896 or equivalent, or consent of instructor. LEC.

PSYC 993. Seminar: ____. 1-5 Hours.
LEC.

PSYC 996. Structural Equation Modeling II. 3 Hours.
Continuation of PSYC 896. Advanced applications of modern methods for testing hypotheses on multivariate correlational data in the behavioral and social sciences. Topics include advanced confirmatory factor analysis, mediation and moderation among latent variables, latent growth curve modeling, and other latent variable mean and covariance structures analysis techniques. Applications across the behavioral and social sciences are emphasized. Prerequisite: PSYC 896 or equivalent, or consent of instructor. LEC.

PSYC 998. Doctoral Dissertation in Clinical Child Psychology. 1-10 Hours.
Research experience making original contribution to literature in clinical child psychology. (Same as ABSC 998, formerly HDFL 998.) THE.

PSYC 999. Dissertation. 1-12 Hours.
Graded on a satisfactory/unsatisfactory basis. THE.

Public Affairs Adm, School Courses

PUAD 177. First Year Seminar: _____. 3 Hours. SF GE11.
A limited-enrollment, seminar course for first-time freshmen, organized around current issues in public administration. May not contribute to major requirements in public administration. First year seminar topics are
coordinated and approved through the Office of First Year Experiences. Prerequisite: First-time freshman status. LEC.

**PUAD 330. Introduction to Public Administration. 3 Hours. S.**
Introduction to administration, public policy and policy makings is the study of government workers, the organizations in which they work, how they are financed, and how government engages citizens to help form and maintain community. In various ways, the class sessions explore the three important issues of public administration: discretion, authority, and accountability. (Same as POLS 330.) Prerequisite: POLS 110. LEC.

**PUAD 331. Introduction to Public Administration, Honors. 3 Hours. S.**
Introduction to administration, public policy, and policy making, for honors students is the study of government workers, the organizations in which they work, how they are financed, and how government engages citizens to help form and maintain community. In various ways, the class sessions explore the three important issues of public administration: discretion, authority, and accountability. (Same as POLS 331.) Prerequisite: POLS 110. LEC.

**PUAD 332. Quantitative Methods for Public Administration. 3 Hours. S.**
Focuses on building the quantitative analysis skills of students in public administration. Students learn basic and intermediate statistics, and methods of data analysis and interpretation. Students gain exposure to the uses of data in public organizational settings. Prerequisite: Math 101 or equivalent placement. LEC.

**PUAD 333. Hard Choices in Public Administration: _____. 3 Hours. S.**
Focuses on some of America’s most vexing public policy challenges and emphasizes the political context of difficult choices. Course examines models of decision-making and the process of policy analysis. Students learn how to apply the tools of policy analysis to make policy judgments. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 431. Bureaucracy, Public Administration, and the Private Sector. 3 Hours. S.**
Examines the problems posed by behaviors within and by bureaucracies. Provides students with a set of conceptual tools for understanding the organizational environment in which policy analysts ply their profession and the role of a manager within such organizations. Offers strategies for the policy professional seeking to navigate large bureaucracies. Readings and class discussions integrate theoretical analyses of organizations with detailed case studies. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 432. Conducting the People’s Business Ethically. 3 Hours. AE51 / S.**
Addresses the moral challenges facing leaders in the public and nonprofit sectors. Examines the values and virtues important to sustained ethical leadership, as well as strategies to build strong institutional cultures and support ethical practices in institutions. Considers moral and political theory by focusing on contemporary cases and issues. Students learn how to identify moral issues in public life and public management. There is a special focus on the integration of moral concerns into public discussion in a manner that contributes to good policy and does not polarize issues. This course considers moral and political theory by focusing on contemporary cases and issues. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 433. Metropolitics and Macroproblems: The American City in Local and Global Context. 3 Hours. S.**
An interdisciplinary study of American cities, focusing on the rapidly changing demographic, physical, political, social, and economic changes. Sunbelt cities, edge cities, the rustbelt cities, planned and unplanned suburban communities, as well as declining center cities and newly revitalized downtowns are considered. The role of immigration and migration in reshaping the urban environment, and the effects of globalization are also examined. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 435. Generating, Allocating and Managing Public Resources. 3 Hours. U.**
This course is devoted to topics in public budgeting, finance and financial management. These activities play a central role in public management. The intent of this course is to understand the role these activities play in local, state, and federal governments and to see how policy and management are shaped and influenced by budgets, financial reports, and tax policy. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 436. Managing People in Public Organizations. 3 Hours. U.**
Effective human resources management is one of the key goals of organizations in both the public and private sectors. This course focuses on human resources management in a public sector context with particular emphasis placed upon past, current, and future challenges in the field. The course covers topics such as the recruitment, selection, and compensation of public sector employees, as well as more contemporary issues such as diversity management and public sector personnel reform. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 494. Topics in Public Administration: _____. 3 Hours. S.**
An introductory study of selected topics in public affairs and administration. Course may be repeated for credit if content varies. Course may be offered in lecture or online format. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 601. Crime and Punishment. 3 Hours. S.**
Examines the administration of justice and focuses on differential and discriminatory treatment in policing, criminal prosecutions, trials, sentencing, or imprisonment. Also considered are the basis and impact of racial profiling, harassment, arbitrary detention, and abusive treatment of members of racial and ethnic groups, immigrants, and/or other vulnerable groups by law enforcement, and disparate treatment by prosecutors and the courts. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 602. Diversity in Public Administration. 3 Hours. AE41 / S.**
Analyzes diversity and leadership in public and private institutions along ethnic, racial, and gender lines and the challenges of the facilitation of open dialogue on diversity. Examines the political, historical, social, and economic reasons why Americans of different ethnic, racial, and gender groups hold divergent views about major public policy areas, as well as fundamental views about democratic participation. Prerequisite: PUAD 330 or PUAD 331. LEC.

**PUAD 603. Foundations of the Nonprofit Sector. 3 Hours. H/S.**
This course provides an overview of the U.S. nonprofit sector, its history, scope, diversity and its positioning among and between the private and public sectors of the U.S. economy. The course explores the legal framework under which nonprofit organizations operate and are regulated. Economic, political, social, organizational and giving theories of the sector are reviewed in order to understand the sectors existence, roles and activities with particular attention to philanthropy and voluntarism. Distinct contributions to society as well as contemporary challenges faced by the sector are examined. Prerequisite: PUAD 330, or POLS 110, or MGMT 305, or a PUAD master’s core course, or consent of instructor. Junior status or above is also required. LEC.

**PUAD 604. Resource Development and Management in Nonprofit Organizations. 3 Hours. H.**
This course provides an overview of the broad range of activities relevant to acquisition, management and utilization of resources in nonprofit organizations. The course identifies the primary strategies through which resources are generated with emphases on grantwriting, fundraising,
social entrepreneurship, and public/private partnerships. Development of organizational identity and management of public relations is examined in relation to resource and relationship development. Strategies for management of resources to ensure long-term benefit and sustainability are explored. Prerequisite: PUAD 603. LEC.

PUAD 605. Managing Nonprofit Relationships. 3 Hours. H.
This course considers the set of relationships that nonprofit leaders must balance within the organization and beyond organizational boundaries. Both internal relationships (with staff, volunteers, and board members) and external relationships (with stakeholders, other organizations, and the community at large) are critical to mission accomplishment. This course provides students with the resources necessary to understand the challenges and opportunities related to building and LEC.

PUAD 606. Nonprofit Accountability: Public Needs and Public Values. 3 Hours. H.
This course examines the role of the nonprofit sector in society by posing broad questions about why nonprofit organizations are held accountable, to whom they are accountable, and detailing how organizations can satisfy accountability demands. The course investigates the public role of the nonprofit sector in society, identifies the stakeholders that are integral to an organization’s mission, and describes and critiques the financial and evaluation tools that nonprofits can use to ensure their social viability. Prerequisite: PUAD 603. LEC.

PUAD 639. Concepts of Civil Society. 3 Hours. U.
Concepts of community, social capital, and civil capacity building, and their relations to effective community functioning, democratic politics, and administrative expertise. LEC.

PUAD 641. Public Service Leadership. 3 Hours. U.
Concepts of leadership in community, political, and administrative settings. These settings include government and all non-business organizations (e.g., certain for-profit organizations). LEC.

PUAD 660. Organizations and Management I. 3 Hours. U.
An exploration of management in the context of public organizations. Management is explored at the individual, group and organizational level including conflict resolution, problem-solving, planning and legal aspects of organizations. Graded on a satisfactory/unsatisfactory basis. Prerequisite: Permission of instructor. LEC.

PUAD 661. Organizations and Management II. 3 Hours. U.
A continuation of PUAD 660. The context for leading public organizations is explored through knowledge management, collaboration, innovation, process improvement and leadership succession. Graded on a satisfactory/unsatisfactory basis. Prerequisite: PUAD 660, and permission of instructor. LEC.

PUAD 691. Internship in Public Service. 1-6 Hours. U.
Designed to provide public administration students an applied learning experience in either a public or nonprofit organization. Open to majors in Public Administration only. Prerequisite: One of the following: PUAD 330, 331, PUAD 332, PUAD 333, and consent of instructor required. FLD.

PUAD 692. Research Experience in Public Administration. 1-6 Hours. U.
Designed for advanced public administration students. Students learn research skills by working one-on-one with a faculty member to assist in his/her program of research. Open to majors in Public Administration only. Students are required to complete a final project or presentation, through advising and consultation with the designated faculty member. Prerequisite: One of the following: PUAD 330, 331, PUAD 332, PUAD 333 and consent of instructor required. LEC.

PUAD 693. Directed Readings. 1-3 Hours. U.
For advanced undergraduate students who wish to study a specific topic of interest that is not covered in the curriculum. Each student must complete a proposal outlining his or her topic request and submit to the Undergraduate Advisor. Intended for students majoring in Public Administration. Prerequisite: One of the following: PUAD 330, 331, PUAD 332, PUAD 333, and consent of instructor. IND.

PUAD 694. Topics in Public Administration: _____ 3 Hours. U.
Study of selected topics in public administration. Course may be repeated for credit if content varies. Course may be offered in lecture or online format. Prerequisite: PUAD 330 or PUAD 331. LEC.

PUAD 824. Public Policy and Administration. 3 Hours.
An exploration of the ways in which public policy is made in the United States, focusing on the role of the administrator at each stage of the policy process: formulation, implementation, and evaluation. Various theories of policy-making with application to specific areas of public policy will be examined. LEC.

PUAD 825. Public Policy and Urban Administration. 3 Hours.
An exploration of policy development, implementation, and evaluation in the local government context. Various theories of the policy process and their application to municipal government are examined. (Same as POLS 825.) LEC.

PUAD 826. Public Policy and Administration of State Government. 3 Hours.
An examination of political and administrative aspects of state government focusing on legislative and executive branches of government. LEC.

PUAD 827. Health Care Policy and Administration. 3 Hours.
A seminar designed to explore the development of public health policy in the United States. Particular attention will be given to (1) the development of public institutions and policy goals; (2) current policy problems such as expenditure-cost controls, prospective reimbursement, utilization review, access, and public and private investment planning; and (3) administrative problems in the current health care system. (Same as HPM 837.) LEC.

PUAD 828. Nonprofit Management and Policy. 3 Hours.
This course focuses on the economic, social, and legal foundations of the nonprofit sector. Nonprofits are examined in the context of a three-sector economy, with emphasis on the ways in which nonprofits compensate for market failures and government failures. The course examines government-nonprofit relations in the modern welfare and offers an in-depth examination of the health, education, and welfare functions as performed by nonprofits. This course also provides exposure to selected topics in nonprofit management such as grant writing, board relations, advocacy, fundraising and volunteer management. LEC.

PUAD 830. Administrative Ethics. 3 Hours.
A survey of ethical issues faced by public administrators. Special attention will be given to ethical problems arising within hierarchical organizations and to the ethical implications of particular public policies. LEC.

PUAD 831. Public Administration Practicum. 1 Hour.
Exposes students to day-to-day operational facets of public management through workshops, speakers, exercises. LEC.

PUAD 832. Organizational Theory. 3 Hours.
An introductory theory course designed to develop an understanding about organizations, their environments, and the political subsystems in which they exist. LEC.

PUAD 833. Administrative Behavior. 3 Hours.
An examination of individual and group behavior within organizations, focusing on motivation, leadership, conflict and conflict resolution, group dynamics and communication. LEC.
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PUAD 834. Human Resource Management. 3 Hours.
This course presents the context and practice of effective human resource management, with emphasis on the political, legal, historical, and ethical dimensions of public employment. This course considers the functions of workforce management, including: 1) planning of work and the allocation of labor to that work, 2) acquisition of employees and their competencies, knowledge, skills, and abilities, 3) development of employees to channel, improve and create new knowledge, skills, and abilities, and 4) maintaining the working relationship between employee and employer. Students will apply workforce management theories and techniques to contemporary organizational challenges and investigate the tensions inherent to balancing competing values (such as: responsiveness/ neutrality and efficiency/equity) and meeting conflicting demands of organizational stakeholders and society. LEC.

PUAD 835. State and Local Public Finance. 3 Hours.
Focuses on the tax, spending, and debt practices of state and local governments. Drawing on the tools of positive and normative economic analysis, the course explores the implications of these activities on broader economic outcomes, including private allocation of resources and the distribution of wealth. LEC.

PUAD 836. Introduction to Quantitative Methods. 4 Hours.
Introduces quantitative approaches to examine public management and public policy decisions. Concepts of research design, probability, and inferential statistics are covered. LEC.

PUAD 837. Budgeting and Resource Allocation. 3 Hours.
Examines the practices and the political, economic, and organizational contexts of public and nonprofit budgeting, tools of financial analysis, and ethics of financial management. LEC.

PUAD 838. Urban Service Delivery. 3 Hours.
Focuses on organizational arrangements for the provision of basic urban services and the character of service delivery politics. Methods for evaluating the efficiency and responsiveness of alternative organizational arrangements are treated. LEC.

PUAD 839. Topics in Public Administration: _____. 3 Hours.
Study of selected topics in public administration. LEC.

PUAD 840. Theory of Public Administration. 3 Hours.
Survey of the development of ideas about public administration among public officials and research investigators. Emphasis on basic concepts, research reports, and theoretical treatises on the nature of public administration. LEC.

PUAD 841. The Role, Context, and Ethics of Public Administration in American Society. 3 Hours.
Provides students with an overview of the social context of public administration with an emphasis on political issues, intellectual history, ethics, and the tensions between democracy and bureaucracy. LEC.

PUAD 842. Law and Public Management. 3 Hours.
Course investigates major concepts that make up the legal environment of public administration. The accepted uses and procedures of the field, relationships among courts, agencies, the legislature, and basic legal research are examined. LEC.

PUAD 843. Constitutional Foundations of Public Administration. 3 Hours.
This course provides a grounding in the constitutional premises of public administration including executive, legislative, and judicial powers, and federalism, and those issues associated with the development of economic institutions and processes such as taxation, employment regulation, and commerce controls. LEC.

PUAD 844. Advanced Seminar in State and Local Budgeting. 3 Hours.
This course studies the theories behind selected topics in public budgeting and compares the theories with the actual practice of budgeting in the State of Kansas and its communities. LEC.

PUAD 845. Organizational Analysis and Public Management. 3 Hours.
Explores concepts and practices in organization behavior and management theory as they apply to public organizations. Emphasis is placed on understanding the dynamics of individuals, groups, and teams within organizations, dynamics associated with organizational structures, accountability, and culture and dynamics of risk in leadership, collaboration, and contracting. LEC.

PUAD 846. Kansas and Its Government. 3 Hours.
This course is designed to offer students the opportunity to obtain a comprehensive overview of the culture, history, economy, and geography of Kansas along with the review of state and local government infrastructure. The review of governments will include the financing of governments in Kansas. LEC.

PUAD 847. Legislative Process. 3 Hours.
This course is designed to acquaint students with the workings of the policy process at the level of state government. Its focus will give students an understanding of the political process to enable them to function more effectively in state policy development and implementation. Prerequisite: PUAD 824, PUAD 825, PUAD 826 or PUAD 827. LEC.

PUAD 848. Advanced Management Practices in State Government. 3 Hours.
This course offers the student an opportunity to enhance skills developed in PUAD 826 in an experiential learning environment that simulates actual management practice. Complex cases will be rank ordered and resolved on a work schedule developed by each work group. Groups will work simultaneously on two or more cases at all times. Prerequisite: PUAD 826. LEC.

PUAD 849. Law, Courts, and Public Policy. 3 Hours.
This course provides an overview of the role of law, litigation, and courts in the public policy process, with an emphasis on bureaucratic institutions. The course covers the main theories and empirical research on the policy effects of litigation and intervention, with a particular focus on civil rights in the areas of employment, policing, welfare, prisons, and environmental policy. (Same as POLS 849.) Prerequisite: Graduate standing or consent of instructor. LEC.

PUAD 850. Intergovernmental Relations. 3 Hours.
This course focuses on the fiscal and administrative relationships among the three levels of government - federal, state, and local - in the United States. A number of topics will be examined, including a history of intergovernmental relations, the political, constitutional, and legal foundations of the intergovernmental system, and intergovernmental fiscal policy. The impact of the intergovernmental system will be assessed from the perspective of specific areas and intergovernmental programs. LEC.

PUAD 851. Infra-Structure Management. 3 Hours.
A survey of land-use, infra-structure, and technology issues in municipalities. LEC.

PUAD 852. Comparative Public Policy and Administration. 3 Hours.
This seminar examines the application of theories in public administration, public management, and public policy in international and comparative contexts. Particular attention is given to how governments and publics are connected by way of intergovernmental strategies, governance, and differing political and administrative arrangements. LEC.
PUAD 853. Policy Analysis and Evaluation. 3 Hours.
This course will introduce students to the conceptual foundations and applied techniques associated with identifying, describing, and seeking solutions to public policy problems (policy analysis) and evaluating the performance of public programs and organizations (program evaluation). Basic microeconomic theory is introduced. LEC.

PUAD 854. Innovation and Organizational Change. 3 Hours.
This course will examine theories of innovation and organizational change as applied to public organizations. Particular emphasis will be placed on the concepts of innovation in bureaucratic organizations, on the process of successful change in organizations, and on leadership and employees' roles. LEC.

PUAD 855. Financial Management for Public and Not-for-Profit Organizations. 3 Hours.
Financial management focuses on the use of financial information for decision making and evaluation. This course will rely on fundamental accounting concepts as they relate to the basic financial statements of government and not-for-profit organizations. Time will also be spent on financial management practices (e.g. cash management, debt management, etc.) and financial condition analysis. Material presented in this course expands on the foundational material covered in PUAD 837. Prerequisite: PUAD 837 or permission from the instructor. LEC.

PUAD 856. Management and Information Technology. 3 Hours.
An introduction to the concepts of information policy and management of technology within governmental organizations. The course covers the effects of technology on government and society as well as information policy (privacy, security and access) and their importance to democracy. The course also includes a leadership perspective on planning, funding, and implementation of technology systems in governmental organizations as well as the role of Chief Information Officer. LEC.

PUAD 857. Performance Management and Governance. 3 Hours.
This course examines the practice and governance challenges of performance management and budgeting in the public sector. Topics covered in this course include: a) the governance context of performance measurement and management; b) the historical and theoretical foundation of performance measurement and management; c) the global trend of performance-oriented reforms; d) the practice and politics of performance measurement and management; and e) governance and ethical issues in managing for results. LEC.

PUAD 858. Performance Audit. 3 Hours.
This course examines the practice of performance audit at the national, state, and local levels. Topics covered in the course include: a) the concept of performance audit and the roles of auditors in performance management; b) performance audit systems and standards at the national, state and local levels; c) performance audit methodologies and techniques; d) the establishment of audit criteria; e) the concept and practice of risk and vulnerability analysis; f) the reporting and communication of performance audit results. LEC.

PUAD 859. Service Management. 3 Hours.
This course provides an introduction to service management in the public sector and will focus on providing students with the conceptual understanding and skills to design, promote, manage, and deliver public services. The course will integrate concepts of service management with quality assurance, business process analysis, and project management. Through this course, students will develop a better understanding of methods for improving responsiveness and accountability to organizational goals and mission. LEC.

PUAD 892. Public Administration Internship. 3 Hours.
A part-time supervised professional work experience designed to provide students the knowledge, background, and practical experience in public service. A written summary of the experience including a job description, projects the student, and a reflective statement on integrating the internship with theoretical issues regarding public administration. This course brings theory and practice together. Graded on a satisfactory/unsatisfactory basis. FLD.

PUAD 893. Directed Readings. 1-3 Hours.
Designed to meet the needs of advanced students whose study in public administration cannot be met with current course work. RSH.

PUAD 894. Professional Development Seminar I. 3 Hours.
Open only to precareer students with internships, this intensive seminar is designed around issues interns confront in their working relationships. Emphasis is placed on the transition of the student from an academic environment to a professional work relationship. Class sessions deal with issues like employee socialization, power and trust, and administrative change. Graded on a satisfactory/unsatisfactory basis. FLD.

PUAD 895. Professional Development Seminar II. 3 Hours.
Continuation of PUAD 894. Graded on a satisfactory/unsatisfactory basis. FLD.

PUAD 897. Public Administration Contemporary Issues and Competency Assessment. 3 Hours.
This course exposes students to the contemporary issues in public management and analysis of competencies for public management in four theme areas. Students will participate in discussions of issues and in three assessments of their preparation to lead public organizations. Students will complete the MPA Final Essay which focuses on integration of course and work experience in relation to the values theme of the MPA program. Graded on a satisfactory/unsatisfactory basis. LAB.

PUAD 898. Leadership, Professionalism, and Citizen Engagement. 3 Hours.
This course explores connections between facilitative political and administrative leadership, professional expertise, and citizen engagement. It will explore politics and the political arena; administrative/technical expertise and the relationship between the arenas of politics and administration. It will present the concept of citizen engagement and adaptive work, complicating as well as enriching public policy making and implementation. LEC.

PUAD 930. Research Seminar in Public Administration and Democracy. 3 Hours.
This course focuses on the democratic context of public administration. Topics could include how democracy shapes the practice of public administration; the functioning of public administration in a constitutional democracy; issues relating to control and discretion of public administrators; citizenship and representative bureaucracy; theories of bureaucratic values such as equity, justice and efficiency, ethics and accountability; theories of institutions. SEM.

PUAD 931. Research Seminar in Public Management. 3 Hours.
This course, on the topic which increasingly is approached as an interdisciplinary field, focuses on the management of public and non-profit agencies. Topics could include: the nature of public agencies and the roles of public executives, managers, and professionals; distinctions between public, private, and non-profit agencies in America and internationally; creating and managing organizational networks; leadership; work motivation; and the ethics of decision-making. SEM.
PUAD 932. Seminar in the Intellectual History of Public Administration. 3 Hours.
This course will analyze the intellectual currents that undergird the theories and concepts in public administration. There are three primary perspectives crosscutting the topics. They are historical, cultural and analytical. SEM.

PUAD 934. Research Methods in Public Administration. 3 Hours.
The course examines issues of research and epistemology with an emphasis on connecting theory and research and doing research in field settings. RSH.

PUAD 935. Advanced Quantitative Methods for Public Administration. 3 Hours.
This seminar will assist students to develop a thorough competence in both theory and application of multivariate statistical models of the types that are commonly used to study questions of organization and policy in the public sector. These will include inference for the general linear regression model under a wide variety of specifications, as well as a consideration of path models and systems of simultaneous equations. The principal goal of this course is to strengthen the ability of doctoral students in public administration to work methodologically as independent scholars using relatively advanced designs and technique in their work. SEM.

PUAD 936. Policy Analysis and Program Evaluation. 3 Hours.
This course examines the theoretical foundations and analytical components of policy analysis and program evaluation, common tools for assessing alternative courses of public action and program effectiveness. This examination will include a review and critique of common quantitative and qualitative approaches, including cost-benefit analysis, cost-effectiveness analysis, and quasi-experimental design. LEC.

PUAD 937. Qualitative Methods in Public Administration. 3 Hours.
This course examines the concepts and practices of qualitative research. The focus will be on field research and the collection of "textual data" through observation, interviewing, and documents. The course will also examine the interpretation and analysis of qualitative data and how to present qualitative findings. RSH.

PUAD 938. Topics in Public Administration: _____. 1-3 Hours.
A study of selective topics in public administration. Course may be taken more than once. LEC.

PUAD 943. Constitutional Foundations of Public Administration. 3 Hours.
This course provides grounding in the constitutional premises of public administration including executive, legislative, and judicial powers, and federalism, and those issues associated with the development of economic institutions and processes such as taxation, employment regulation, and commerce controls. LEC.

PUAD 949. Law, Courts, and Public Policy. 3 Hours.
This course provides an in-depth analysis of the role of law, litigation, and courts in the public policy process, with an emphasis on bureaucratic institutions. The course covers the main theories and empirical research on the policy effects of litigation and intervention, with a particular focus on civil rights in the areas of employment, policing, welfare, prisons, and environmental policy. As part of the course requirements, students will conduct original empirical research. LEC.

PUAD 990. Research Practicum in Public Policy and Administration. 3 Hours.
This course will provide students with an opportunity to conduct applied research in a field setting with faculty guidance. May be pursued as an independent study or as a regularly scheduled class with a group of students. Prerequisite: PUAD 934 and PUAD 935. RSH.

PUAD 998. Directed Reading on Public Administration. 1-6 Hours.
Designed to meet the needs of graduate students whose study in public administration cannot be met with present course. Prerequisite: consent of instructor. RSH.

PUAD 999. Dissertation. 1-15 Hours.
Enrollment for writing doctoral dissertations. Graded on a satisfactory/unsatisfactory basis. THE.

Russian East European St Courses

REES 110. Understanding Russia and Eastern Europe. 3 Hours. SC AE42 / S.
A multidisciplinary introduction to the former communist states of Russia, the western Newly Independent States, Central Europe, and the Balkans. The course addresses the geography and history of the region, as well as the cultures of its peoples, as presented in literature, film, and music. Special attention is devoted to the current political, economic, and social situations, as they are reflected by the transition from communism and the rise of nationalism. LEC.

REES 111. Understanding Russia and Eastern Europe, Honors. 3 Hours. SC AE42 / S.
A multidisciplinary introduction to the former communist states of Russia, the western Newly Independent States, Central Europe, and the Balkans. The course addresses the geography and history of the region, as well as the cultures of its peoples, as presented in literature, film, and music. Special attention is devoted to the current political, economic, and social situations, as they are affected by the transition from communism and the rise of nationalism. Prerequisite: Open only to students in the University Honors Program, or by permission of instructor. LEC.

REES 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Russian, East European, and Eurasian Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

REES 220. Societies and Cultures of Eurasia. 3 Hours. NW AE42 / S.
A broad, survey-type course that examines all the former Soviet republics-Ukraine, Belarus, Moldova, Lithuania, Latvia, Estonia, Georgia, Armenia, Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan—with additional coverage of neighboring regions. The course addresses the history of the region, literature, culture, geography, religion, and the building of post-Soviet states and societies. LEC.

REES 221. Societies and Cultures of Eurasia, Honors. 3 Hours. NW AE42 / S.
Examines the unique cultures and societies of the Eurasian region (Georgia, Azerbaijan, Armenia, Kazakhstan, Uzbekistan, Kyrgyzstan, Turkmenistan, Tajikistan and to a lesser degree, Russia, Mongolia and Afghanistan). For the better part of the 20th Century, this distinct region of the world was hidden beneath the communist veneer of the Soviet Union. With the collapse of the USSR, the countries of this region are returning to their historic roots, and this course introduces students to the history, politics, economics, literature and general culture of these countries. Open only to students admitted to the University Honors Program or by permission of instructor. LEC.

REES 480. Topics in Russian and East European Studies: _____. 1-3 Hours. H.
Interdisciplinary examination of topics involving two or more disciplines in Russian, East European, and Eurasian studies. LEC.
REES 485. War and Peace in Russian Culture. 3 Hours. H/W.
Lectures, readings, oral discussion, and written analyses of selected major works of Russian writing and other modes of creative expression and discourse that treat the subject of war and peace, such as imaginative literature, works of history, memoirs, cinema, music, and painting. Reading examples are Tolstoy's War and Peace, Nadezhda Durova's The Notes of a Girl-Cavalryman, Boris Pasternak's Doctor Zhivago, and George Kennan’s Russia Leaves the War. Not open to students who have taken REES 685. LEC.

REES 492. Research Methods in Russian, East European, and Eurasian Studies. 3 Hours. AE61 / H.
Development of interdisciplinary research skills and familiarity with resources and issues in the study of Russian, East European, and Eurasian Studies. Preparation for REES 496. LEC.

REES 496. Capstone Research Seminar in Russian and East European, and Eurasian Studies. 3 Hours. AE61 / H.
Interdisciplinary original research conducted using at least one REES language and resulting in a research paper. Prerequisite: REES 492. LEC.

REES 498. Directed Readings. 1-3 Hours. H.
Individual and supervised readings in selected areas of Russian, East European, and Eurasian Studies. Prerequisite: Prior permission of instructor and either CREES director or associate director. LEC.

REES 499. Capstone Research Seminar in Russian, East European, and Eurasian Studies, Honors. 3 Hours. AE61 / H.
Research and writing of a substantial paper, involving interdisciplinary original research and use of sources in at least one REES language, and presentation of this paper to an Honors committee of three REES faculty members. This thesis must be substantially different from any other Honors thesis. Prerequisite: REES 492. LEC.

REES 510. Understanding Central Asia. 3 Hours. NW AE42 / S/W.
An intensive, multidisciplinary survey of Central Asia, focusing on the former Soviet republics-Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan-with additional coverage of neighboring regions (the Caucasus and the Caspian basin, Afghanistan, and western China). The course addresses the history of the region (from the Silk Road to Soviet rule), geography, religion, and the building of post-Soviet states and societies. (Same as GEOG 590.) LEC.

REES 512. Siberia: Yesterday and Today. 3 Hours. NW AE42 / H/W.
An interdisciplinary course examining the development of Siberia from its beginnings to the present day. Topics to be covered are selected from the following list: topography and natural resources; conquest and exploitation by Russian and other European settlers; Siberia’s role as a place of imprisonment and exile; the development of towns and transportation systems; Siberian historiography; Siberian Russian literature; and Siberia’s place in Russia’s economy and national defense. LEC.

REES 513. Siberia: Russia’s Eastern Frontier. 3 Hours. NW AE42 / H/W.
An interdisciplinary course examining the terrain, peoples, and cultures of the vast expanse in northern Asia known as Siberia. Areas of inquiry include geology, archeology, ethnography, religions, folk culture, the arts, science and education, politics, and environmental problems. With an emphasis on the natural and social sciences, and exploration of the relationship between Siberia and its neighbors in all directions, including the United States (Alaska, "Russian America"), this course can be taken without duplication by students who have already taken REES 512 (or SLAV 512) Siberia Yesterday and Today. LEC.

REES 532. Russian Strategy and Military Power. 3 Hours. H.
Examines the central role the Russian military has played in its country’s politics, society, and culture in the modern period. Treats Russia’s victories and defeats in war, the course highlights the continuities in Russian strategic practices and illuminates the current and future strategic policies and military developments of the contemporary Russian state. LEC.

REES 573. Borderland Between Russia & Europe. 3 Hours. H/W.
Examines the history of relations between the governments, emerging national elites, and populations of Russia, Ukraine, Poland, and other East European countries, and the different regional perceptions and stereotypes, including the new post-Soviet states and their European neighbors. LEC.

REES 574. Ethnicity and Nationalism in Eastern Europe. 3 Hours. H/W.
Examines the emergence and evolution of regional ethno-cultural and national identities in Eastern Europe. Discusses the theories and definitions of ethnicity, nationality, and nationalism, and offers a practical approach to understanding nationalism’s and nationalist movements in Eastern Europe. LEC.

REES 646. Translation in Theory and Practice. 3 Hours. H.
Students undertake substantial work in the translation of non-technical writing, (e.g. poems, short stories, novels, essays, works of history, scientific treatises), from any REES language into English, and examine the practical and theoretical problems encountered in translation from the source to the target language. Prerequisite: BCRS 508, PLSH 508, RUSS 508, or permission of instructor. LEC.

REES 665. War and Peace in Russian Culture (in Russian). 3 Hours. H/W.
This course is taught in Russian. Lectures, readings, oral discussion, and written analyses of selected major works of Russian writing and other modes of creative expression and discourse that treat the subject of war and peace, such as imaginative literature, works of history, memoirs, cinema, music, and painting. Reading examples are Slovo o polku Igoreve, Pushkin’s Kapitanskaia dochka and Istoriia Pugacheva, Tolstoy’s Voina i mir, Evgenii Tarle’s Napoleon, Pasternak’s Doktor Zhivago and Andrei Petukhov’s Pamiat’ o sluzhbe. Not open to students who have taken REES 485. Prerequisite: 3 years of Russian at the college level. LEC.

REES 687. Biography of a City: St. Petersburg. 3 Hours. AE42 / H.
Examination in depth of the historical, social, intellectual, and artistic development of St. Petersburg as a major urban center. LEC.

REES 704. Russian Orthodoxy in Historical Perspective. 3 Hours. H/W.
This course examines Russian Orthodoxy as a religious system and the institution of the Russian Orthodox Church from its first appearance in Russia to the present. It focuses on beliefs and practices of the clergy and laity; institutional structures; the relationships between Church and State; interactions with non-Orthodox religious communities; responses to Soviet atheist policies; Orthodox influences on political theory, philosophy, literature, and the fine arts. (Same as REL 704.) LEC.

REES 715. Seminar in the History of Russian Thought. 3 Hours.
Topics in the development of social radicalism and of philosophical positivism and materialism from Radischev through the Russian Marxists. A reading knowledge of Russian is desirable but not required. Prerequisite: REES 723 or PHIL 580. LEC.

REES 799. Directed Readings in Russian and East European Studies. 1-5 Hours. RSH.
REES 895. Special Problems in Area Studies: _____. 3 Hours.
Interdisciplinary examination of topics involving two or more of the cooperating disciplines in Russian and East European studies. LEC.

REES 897. Research. 1 Hour.
Enrollment to fulfill Masters continuous enrollment rule. Prerequisite: Completion of all degree requirements except submission of seminar paper or comprehensive examination. RSH.

REES 898. Seminar in Russian and East European Studies. 3 Hours.
Mastery of interdisciplinary research skills, and knowledge of resources and scholarship on the study of Russian, east European, and Eurasian Studies. LEC.

REES 899. Capstone Research Seminar in Russian, East European, and Eurasian Studies. 3 Hours.
Research, write, and present a professional-quality paper, involving interdisciplinary original research, consultation with REES faculty, and substantial use of sources in at least one REES language. Prerequisite: REES 898. SEM.

TAJ 110. Elementary Tajik I. 5 Hours. U.
Vocabulary acquisition, pronunciation, grammar, and writing. Course includes reading of simple texts. Five hours of class per week. LEC.

TAJ 120. Elementary Tajik II. 5 Hours. U.
Continuation of TAJ 110. Vocabulary acquisition, pronunciation, grammar, and writing. Course includes reading of simple texts. Five hours of class per week. Prerequisite: TAJ 110 or departmental permission. LEC.

TAJ 210. Intermediate Tajik I. 3 Hours. U.
A continuation of TAJ 120. Course emphasizes oral and written work in Tajik. Systematic review of grammar and introduction to reading in cultural texts. Prerequisite: TAJ 120 or departmental permission. LEC.

TAJ 220. Intermediate Tajik II. 3 Hours. U.
A continuation of TAJ 210. Course emphasizes oral and written work in Tajik. Systematic review of grammar and introduction to reading in cultural texts. Prerequisite: TAJ 210 or departmental permission. LEC.

TAJ 310. Advanced Tajik I. 3 Hours. U.
Enhancement of speaking, comprehension, reading and writing abilities in Tajik. Readings from Tajik literature introduced. Prerequisite: TAJ 220 or placement exam that establishes a level of proficiency in Tajik suited to Advanced Tajik I. LEC.

TAJ 320. Advanced Tajik II. 3 Hours. U.
Enhancement of speaking, comprehension, reading and writing abilities in Tajik. Readings from Tajik literature introduced. Prerequisite: TAJ 220 or placement exam that establishes a level of proficiency in Tajik suited to Advanced Tajik II. LEC.

TAJ 510. Tajik for Geographers. 1 Hour. H.
The course is designed to facilitate the use of primary sources in Tajik for carrying out research in human geography of Tajikistan. TAJ 510 compliments REES 510. Prerequisite: TAJ 220, or consent of instructor. LEC.

TAJ 532. Tajik For Sociologists. 1 Hour. H.
The course is designed to facilitate the use of primary sources in Tajik for carrying out research in sociology of Tajikistan. TAJ 532 compliments SOC 532. Prerequisite: TAJ 220, or consent of instructor. LEC.

Religious Studies Courses

REL 104. Introduction to Religious Studies. 3 Hours. HR AE42/GE3H / H.
This course introduces students to the academic study of religions. It acquaints students with key methods and issues in religious studies, and provides an introductory survey of selected religions. Not open to students who have taken REL 105. LEC.

REL 105. Introduction to Religious Studies, Honors. 3 Hours. HR AE42/GE3H / H.
This course introduces students to the academic study of religions. It acquaints students with key methods and issues in religious studies, and provides an introductory survey of selected religions. Open only to students in the University Honors Program or by permission of instructor. Not open to students who have taken REL 104. LEC.

REL 106. Living Religions of the East. 3 Hours. HR/NW AE42/GE3H / H/W.
A basic introduction to religion in India, China, and Japan with emphasis upon religions that affect the modern period. Not open to students who have taken REL 108/EALC 108. (Same as EALC 105.) LEC.

REL 107. Living Religions of the West. 3 Hours. HR AE41/AE42/GE3H / H.
A basic introduction to the major religious traditions of the Near East, Europe, and the Americas, with an emphasis on their development through the modern period and their expressions in contemporary life. Not open to students who have taken REL 109. (Same as JWSH 107.) LEC.

REL 108. Living Religions of the East, Honors. 3 Hours. HR/NW AE42/GE3H / H.
A basic introduction to religion in India, China, and Japan, with emphasis upon religions that affect the modern period. Open only to students in the University Honors Program or by permission of instructor. Not open to students who have taken REL 106/EALC 105. (Same as EALC 108.) LEC.

REL 109. Living Religions of the West, Honors. 3 Hours. HR AE41/ AE42/GE3H / H.
A basic introduction to the major religious traditions in the Near East, Europe, and the Americas, with an emphasis on their development through the modern period and their expressions in contemporary life. Open only to students in the University Honors Program or by permission of instructor. Not open to students who have taken REL 107. LEC.

REL 124. Understanding the Bible. 3 Hours. HR AE42/GE3H / H.
An introduction to the literature of the Bible, exploring the relationships among the various types of literature present and the function of each type in the history and religious life of the people who produced and used them. Cannot be taken concurrently with REL 311 or JWSH 321 or REL 315. Not open to students who have taken REL 125 or JWSH 125. (Same as JWSH 124.) LEC.

REL 125. Understanding the Bible, Honors. 3 Hours. HR AE42/GE3H / H.
An introduction to the literature of the Bible, exploring the relationships among the various types of literature present and the function of each type in history and religious life of the people who produced and used them. Open only to students in the University Honors Program or by permission of instructor. Not open to students who have taken REL 124 or JWSH 124. (Same as JWSH 125.) LEC.

REL 130. Myth, Legend, and Folk Belief in East Asia. 3 Hours. NW / H/W.
A survey of the commonly held ideas about the beginning of the world, the role of gods and spirits in daily life, and the celebrations and rituals proper to each season of the year. The purpose of the course is to present the world view of the ordinary peoples of East Asia. (Same as ANTH 293, EALC 130.) LEC.

REL 171. Religion in American Society. 3 Hours. HR AE41/GE3H / H.
A broad introduction to religion in American culture. This class emphasizes the well-established religions with large followings (viz.
Judaism, Catholicism, Eastern Orthodoxy, and Protestantism). Some attention is also given to other religions active in America. Other topics covered include the relationship of church and state, religion in ethnic and racial minority groups, and women and religion. Not open to students who have taken REL 172. (Same as AMS 290.) LEC.

REL 172. Religion in American Society, Honors. 3 Hours. HR AE41/GE3H / H.
Honors version of REL 171. A broad introduction to religion in American culture. This class emphasizes the well-established religions with large followings (viz. Judaism, Catholicism, Eastern Orthodoxy, and Protestantism). Some attention is also given to other religions active in America. Other topics covered include the relationship of church and state, religion in ethnic and racial minority groups, and women and religion. Not open to students who have taken AMS 290. Open only to students in the University Honors Program or by permission of instructor. LEC.

REL 177. First Year Seminar: _______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Religious Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

REL 200. Study Abroad Introductions to: _____. 1-4 Hours. H.
This course is designed for the study of special topics in Religious Studies. Credit for coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

REL 311. Religion of Ancient Israel. 3 Hours. H/W.
A study of the development of the Hebrew Bible from its earliest stages of oral tradition to its canonization with an emphasis on the relationship of the historical, intellectual, and cultural contexts shaping that development. (Same as JWSH 321.) Prerequisite: REL 124 or JWSH 124 or permission of instructor. LEC.

REL 315. History and Literature of Early Christianity. 3 Hours. H/W.
An examination of the literature produced by early Christians. In addition to New Testament texts, the course includes a broad range of diverse texts produced by early Christians, Jews, and others. Prerequisite: REL 124 or permission of instructor. LEC.

REL 325. Introduction to Judaism. 3 Hours. H.
Analyzes a selection of the core texts, teachings, and practices of Jewish religious traditions in terms of classical and contemporary understanding. (Same as JWSH 325.) LEC.

REL 326. Introduction to the Talmud and Interpretation. 3 Hours. H.
A study of the Talmud and the main lines of its reception and interpretation from Late Antiquity through Modernity in Rabbinic literature and the broader context of Western religion and philosophy. Prerequisite: REL 104, REL 107, or REL 124/125, or permission of the instructor. LEC.

REL 330. Native American Religions. 3 Hours. NW AE41 / H.
A survey of religious traditions among selected Native American peoples. Topics include religious freedom, ritual activity, cultural narrative (myth) kinship, healing practices, ecology, government relations, impact of colonization, impact of missionization, contact between cultures, and secularization. Open only to students in the University Honors Program or by permission of instructor. Not open to students who have completed REL 330. (Same as ISP 331.) LEC.

REL 339. History of Religion in America. 3 Hours. H.
Survey of the development of religious institutions and ideas in America from colonial times to the present. Emphasis is given to the mainstream religious traditions (Protestant, Catholic, Jewish), but attention is also paid to other phenomena, including nonwestern and native American religions. LEC.

REL 341. Mysticism. 3 Hours. H.
The nature of mystical experience and reflection as expressed in selected mystical literature of the world’s religions. LEC.

REL 342. Religion and Literature. 3 Hours. H.
An examination of contemporary writings to explore the authors’ presuppositions concerning the nature of God, the nature of human beings, the meaning of good and evil, the significance of human existence, and the means of attaining fulfillment or salvation. LEC.

REL 345. Christianity. 3 Hours. H.
An introductory examination of the history, doctrines, and practices of Christianity. Selected readings from the creeds, papal decrees, and major Christian theologians. LEC.

REL 350. Islam. 3 Hours. NW AE42/GE3H / H/W.
Origins of Islam; the Prophet Muhammad; the Holy Koran; religious symbols and moral mandates; historical developments. (Same as AAAS 349.) LEC.

REL 355. Muslim Societies. 3 Hours. H.
In this class we study Muslim societies throughout the world. We examine variation between regions by looking at Muslim history and culture in different countries, such as Pakistan, Indonesia, Mali, Bosnia, Egypt, Yemen, and others. LEC.

REL 360. The Buddhist Tradition in Asia. 3 Hours. NW AE42/GE3H / H.
A historical and geographical survey of the Buddhist tradition from its origins in India to modern day developments in the three major regional Buddhist cultures of Southeast Asia, Tibet, and East Asia (China, Korea, and Japan). Prerequisite: Prior coursework in Asian studies or permission of instructor. LEC.

REL 365. Hinduism. 3 Hours. H.
An introduction to the diversity and richness of Hinduism from the Vedic period to the present; explores Hindu practices, beliefs, and communities using primary texts and extensive audio-visual resources. LEC.

REL 371. Religion and Society in Tension. 3 Hours. H.
Specific issues of conflict between the values of certain religious groups and those of the larger society. Includes problems of church and state, birth control and abortion, civil disobedience and dissent, education, war and peace, and “civil religion. LEC.

REL 373. The Supreme Court and Religious Issues in the United States. 3 Hours. H.
Historical study of the interpretation of the religion clauses of the First Amendment with special reference to the questions of establishment, the free exercise of religion, freedom of religious belief, worship, and action, and religion and the public schools. Not open to freshmen. (Same as HIST 373.) LEC.

REL 374. Religious Perspectives on Selfhood and Sexuality. 3 Hours. H.
The nature of the self in its individual and social dimensions. Self experienced and expressed in sexuality. Survey of viewpoints in religious literature. LEC.
REL 375. The Supreme Court and Religious Issues in the United States, Honors. 3 Hours. H.
Historical study of the interpretation of the religion clauses of the First Amendment with special reference to the questions of establishment, the free exercise of religion, freedom of religious belief, worship, and action, and religion and the public schools. Open only to students in the University Honors Program or by permission of the instructor. (Same as HIST 375.) LEC.

REL 376. American Judaism: Life and Thought. 3 Hours. H.
A study of the conflicts between secularists and religiousists, between Zionists and synagogue representatives, and the patterns of compromise in American Jewish life. Questions of Americanism and Jewish survival, support for the State of Israel, and the bureaucratic structure of rabbinical training and philanthropy in America will be raised. LEC.

REL 377. Religious Ethics and Moral Decisions. 3 Hours. AE51 / H.
When faced with ethical dilemmas how do we decide what is the right course of action? In what ways are our decisions affected by religious ideas about morality? In this class we examine the ethical problems we encounter every day in light of the solutions offered from various religious traditions. Cases to be examined include issues of life and death, war and peace, sexual morals, torture, the treatment of animals and the environment. LEC.

REL 378. Religion and Moral Decisions, Honors. 3 Hours. H.
Honors version of REL 377. Introduction to religious viewpoints on individual and social ethics. Influence of religious thought on the making of moral decisions, and on value development. Examined in relation to specific moral issues. Open only to students who have been admitted to the University Honors Program or by permission of instructor. LEC.

REL 380. Philosophical Issues in Religion. 3 Hours. GE3H / H.
This course will consider, from a philosophical perspective, some of the problems in religion which arise in the development of "Natural Theology" broadly conceived. (Same as PHIL 350.) LEC.

REL 400. Study Abroad Special Topics: _____. 1-4 Hours. H.
This course is designed for the study of special topics in Religious Studies equivalent to courses at the 300 to 600 level at KU. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

REL 404. Undergraduate Seminar in Religion: _____. 1-3 Hours. H.
Topic, instructor, prerequisite and hours of credit to be announced in Schedule of Classes. Particular subject matter any given semester responding to student interest and taking advantage of special faculty competence. Class discussion, readings, and individual projects. LEC.

REL 405. Directed Study in Religion. 1-4 Hours. AE61 / H.
Investigation of a special topic or project selected by the student with advice, approval, and supervision of an instructor. Such study may take the form of directed reading or special research. Individual reports and conferences. May be repeated, with maximum cumulative credit of four hours. Course taken for one hour of credit may not be used to fulfill College distribution requirement. Prerequisite: One previous course in religious studies at the University of Kansas and permission of instructor. IND.

REL 406. Reading Asian Religious Classics. 3 Hours. H.
A close reading of classic texts of Asian religions in English translation, with emphasis on their construction and reception as sacred "scripture" in both their indigenous Asian contexts and in the post-colonial West. No prior knowledge of Asia is required, although some background is desirable. LEC.

REL 425. Religion and Film. 3 Hours. H.
An examination of the treatment of religious themes through the medium of film and an examination of the attitudes of religious organizations toward films and film production. Selected films will be viewed and analyzed from the perspectives taken within religious studies. LEC.

REL 440. Muslim Women in Religion and Society. 3 Hours. NW / H.
This course consists of a spring break study in a Muslim country, meeting with women's NGOs and other women's groups and visiting sites of significance to women. Preparatory class sessions focusing on assigned readings precede the study abroad trip and a concluding class session follows it. A research paper is required. LEC.

REL 447. Islamic Law in the Digital Age. 3 Hours. H.
In this class we trace how Islamic law has changed in the modern era, beginning with an overview of shari’a and its traditional function in Muslim society, and then examine how the practice of Islamic law was altered by colonialism and the rise of the nation state. We mark these transformations by studying how Islamic law is used in the online environment today. LEC.

REL 450. Popular Culture in the Muslim World. 3 Hours. NW / H.
A study of pop songs, television, comics, and other idioms of popular culture from different parts of the Muslim world, with attention to Muslims' sense of humor, tragedy, aesthetics, and pertinent issues of the day. (Same as AAAS 450.) LEC.

REL 464. Visions in Art and Literature. 3 Hours. H.
A study of the phenomenon of visions, their expression in various media, and theories of visionary experience from the humanities and social sciences, with a particular emphasis on critically evaluating the relationship between the visionary experience and its expression. (Same as HWC 464). LEC.

REL 468. Illness in Art and Literature. 3 Hours. H.
An examination of how illness and health have been conceptualized, expressed, and explored in Western literature and art, as well as a consideration of issues of illness and health from the perspectives of philosophy and religious studies. (Same as HWC 468). LEC.

REL 475. Loving Relationships. 3 Hours. H.
Theories and elements of love in a variety of types of relationships, with attention to religious ethical traditions and social and behavioral sciences. Includes small group discussions and application to personal experience. Prerequisite: Junior standing or above. LEC.

REL 477. Gender and Religion. 3 Hours. H.
Examination of symbols, images, scriptures, rites and teachings that define gender in various religious traditions. (Same as HWC 477.) LEC.

REL 478. Women and Religion, Honors. 3 Hours.
Examination of symbols, images, scriptures, rites, and teachings defining women's roles in various religious traditions. Prerequisite: Open only to students in the University Honors Program, or by permission of instructor. LEC.

REL 490. Senior Seminar in Theories and Methods. 3 Hours. AE61 / H.
A capstone course for religious studies majors to survey methods and theories in religious studies. Prerequisite: Religious Studies major or permission of the instructor. LEC.

REL 499. Undergraduate Honors Research. 1-3 Hours. AE61 / H.
Required for Departmental Honors. May be taken more than once; total credit not to exceed 6 hours. Prerequisite: Open only to candidates for degree with departmental honors and with consent of the student's research supervisor. IND.
REL 500. Readings in Non-English Religious Texts. 1-4 Hours.
This course provides directed readings for students in either primary or secondary texts related to religious studies utilizing material in languages other than English. IND.

REL 502. Special Topics in Religion: ____. 1-4 Hours. H.
Topic and instructor to be announced in Schedule of Classes. Enables qualified students to participate in current research interests of faculty and/or pursue specific current topics. May be offered by different instructors under different subtitles, and may be taken more than once if subject matter varies sufficiently. Prerequisite: Consent of instructor. LEC.

REL 504. Millenarian Movements. 3 Hours. S.
A historical survey of millenarian movements (the belief in imminent, total, ultimate, this-worldly, collective salvation), with particular attention to their psychological, sociological, and political dimensions. (Same as POLS 504.) Prerequisite: POLS 301 or honors equivalent or for non-majors completion of Western Civilization requirement, or consent of instructor. LEC.

REL 507. Religion in India. 3 Hours. NW AE42/GE3H / H/W.
Survey of religious thought and practice in India from the Vedic period to the present. LEC.

REL 508. Religion in China. 3 Hours. NW AE42/GE3H / H/W.
Survey of religious thought and practice in China from the Shang to the People's Republic. (Same as EALC 508.) LEC.

REL 509. Religion in Japan. 3 Hours. NW AE42/GE3H / H/W.
Survey of religious thought and practice in Japan from the Jomon period to the present. (Same as EALC 509.) LEC.

REL 510. Religion in Korea. 3 Hours. NW AE42/GE3H / H.
Survey of religious thought and practice in Korea from the Three Kingdoms period to the present. Prerequisite: REL 106/EALC 105; EALC 104; or permission of instructor. LEC.

REL 515. Studies in Early Christian Literature and History. 3 Hours. H.
Contemporary research in the history and literature of earliest Christianity including most of the following: (1) the use of critical method, (2) philosophical and theological contexts, (3) sociological analyses, (4) interpretation of archaeological data (5) papyrology and the medieval manuscript tradition, (6) relations between Christians and the Roman government, (7) relations between Christians and Jews, (8) development of diverse literary genres, and (9) the origins of gnosis and Christian gnosticism. Prerequisite: REL 124 or permission of instructor. LEC.

REL 523. The Dead Sea Scrolls. 3 Hours. H.
A study of the archeological evidence and texts from the Dead Sea area that provide primary evidence for Jewish religious belief and practice in the Greek and Roman periods (ca. 250 B.C.E. - 135 C.E.). (Same as JWSH 523.) Prerequisite: REL 124 or JWSH 124 or consent of instructor LEC.

REL 524. Studies in Ancient Egyptian Culture and Religion. 3 Hours. H.
A study of the basic features of Egyptian history, culture, and religion from the beginning of the Pharaonic period (ca. 3500 B.C.E.) to the rise of Greek rule in Egypt (ca. 350 B.C.E.). Prerequisite: A principal course in Religious Studies or consent of instructor. LEC.

REL 525. Jews and Christians. 3 Hours. H/W.
This course examines the ways Jews and Christians have interacted with and characterized one another at various points in their histories. Special emphasis is placed on the gradual separation of the two religious traditions in the 1st-4th centuries. (Same as JWSH 325.) Prerequisite: A previous course in Religious Studies or Jewish Studies; or consent of instructor. LEC.

REL 526. Jewish History and Literature in the Greek and Roman Periods. 3 Hours. H/W.
The history and literature of the Jewish people from the hellenistic period (late fourth century B.C.E. to the codification of the Mishnah 210 C.E.). Select texts from the Hebrew Bible, the so-called apocrypha and pseudepigrapha, the Qumran scrolls, Philo, Josephus, related early Christian texts, and Rabbinic texts will be studied. (Same as JWSH 526.) Prerequisite: REL 124 or JWSH 124 or permission of instructor. LEC.

REL 527. Ancient Mesopotamian Culture and Religion. 3 Hours. H.
A study of the basic features of Mesopotamian history, culture and religion from the origins of writing (ca. 3500 B.C.E.) to the rise of Greek rule in the region (ca. 350 B.C.E.). Prerequisite: A principal course in religious studies or consent of instructor. LEC.

REL 528. The Apostle Paul and Early Christian Paulinism. 3 Hours. H.
Biographical issues related to the Apostle Paul, his teachings in relation to Greek and Jewish thought as exemplified in his letters, and his reception by later diverse Paulinists. Prerequisite: REL124/125, or REL 315. LEC.

REL 530. Christian Origins: from the Beginnings to Augustine. 3 Hours. H/W.
This course covers the major political, literary, and theological developments in Christianity from the first century through Augustine in the early fifth century, including: (1) the development and significance of the New Testament canon, (2) relations between Christians, Jews, and the Roman government, (3) the nature of orthodoxy and heresy, and the rise of the major gnostic systems, (4) the growth of the orthodox network, (5) theological debates and councils, and (6) the biography and theology of Augustine and his influence on the medieval church. Prerequisite: Junior standing or above. LEC.

REL 531. Studies in Christianity. 3 Hours. H.
Study of religious thought, practice, and institutions of Christianity with an emphasis on the examination of primary documents. LEC.

REL 532. Studies in Islam. 3 Hours. H.
Study of religious thought, practice, and institutions of Islam with an emphasis on the examination of primary documents. (Same as AAAS 532.) LEC.

REL 534. Studies in Ritual: ____. 3 Hours. H.
A study of ritual theory and a comparative study of ritual activity among selected religious traditions. May be taken more than once if content differs sufficiently. LEC.

REL 535. The History of Islam in Africa. 3 Hours. H/W.
A study of the history and institutions of Islam in Africa. Emphasis will be placed on the impact of Islam on African traditional religions and African civilization in general; the historiographical traditions of Islam in Africa. (Same as AAAS 542.) LEC.

REL 541. Gods and Goddesses of South Asia. 3 Hours. H.
This course explores the dynamic diversity of gods and goddesses in South Asian religious life through examination of their basic iconography, religious narratives and devotional poetry, temple images and architecture, ritual practices, performance traditions, and film. Prerequisite: An introductory course in religious studies or consent of instructor. LEC.

REL 543. Hindu Epics, Past and Present. 3 Hours. H.
This interdisciplinary course considers the roles that the two great Indian epics, the Mahabharata and the Ramayana, have played in the history of religion, literature, art, and politics in South Asia (and beyond).
Prerequisite: An introductory course in religious studies or consent of instructor. LEC.

REL 545. Yoga in Theory, Practice, and History. 3 Hours. H. Historical and thematic investigation into Yoga, including classical formulations, esoteric practices, and contemporary developments and debates. LEC.

REL 550. Gender Issues in Islam. 3 Hours. H. Focusing on issues of gender, this course follows major religious developments in the Islamic tradition. Also examines how Muslim women have impacted those developments. LEC.

REL 551. Shari’a, Democracy, and Society. 3 Hours. H. In this class we examine the question of whether or not democracy and shari’a can coexist. Is there a necessary opposition between democratic visions of society and the institutionalization of Islamic law? As a case study we look at changes in the modern Egyptian political system and the role religious ideals have played in these changes, especially the push for democracy. Prerequisite: An introductory course in religious studies or consent of instructor. LEC.

REL 552. Classical Islamic Literature. 3 Hours. NW / H. An examination of major developments in classical Islamic literature in the Middle East and beyond, with attention to the poetic and prose works (in translation) that emerged from them. (Same as AAAS 552.) LEC.

REL 555. Buddhists and Buddhism in China. 3 Hours. NW AE42 / H. A reading and media-rich survey of institutional, ritual, literary, educational, and exegetical practices that have shaped the lives of Buddhists in China, past and present. Alterities within the Buddhist tradition, and interactions with other religious options, are considered. (Same as EALC 555.) LEC.

REL 557. Modern Islamic Reform Movements. 3 Hours. H. This course examines movements of renewal and reform in the Islamic world today. Also studies the conditions that gave rise to calls for reform throughout the Muslim majority world, as well as the impact reform movements have had on the practices and beliefs of Muslims today. LEC.

REL 558. Religion in Britain Since the Reformation: A Survey. 3 Hours. H. This course deals analytically and synoptically with religion in Britain from the Reformation to the present with special reference to the Church of England, and focuses on the themes of ecclesiology, ecclesiastical poity, and political theology. It is essentially an examination of religious history from a perspective of history of ideas. (Same as HIST 558.) LEC.

REL 559. Religion in Britain Since the Reformation: A Survey, Honors. 3 Hours. H. This course deals analytically and synoptically with religion in Britain from the Reformation to the present with special reference to the Church of England, and focuses on the themes of ecclesiology, ecclesiastical poity, and political theology. It is essentially an examination of religious history from a perspective of the history of ideas. Open only to students in the University Honors Program or by permission of instructor. (Same as HIST 559.) LEC.

REL 560. Classical and Contemporary Jewish Thought. 3 Hours. H. An introduction to individual Jewish thinkers and collective projects from Philo to the present, including The Talmud and Midrash, Middle Age and Early Modern Jewish philosophical and Talmudic rationalism and mysticism. Considers such thinkers as Spinoza, Cohen, Soloveltchik, Rosenweig, and Levinas. (Same as JWSH 560.) Prerequisite: A previous course in Religious Studies or Jewish Studies; or consent of instructor. LEC.
organization and moral choices. Prerequisite: A basic course in religious studies. LEC.

REL 667. Religious Perspectives on War and Peace. 3 Hours. H. Views of war and peace in various faith traditions throughout the world. Examination of teachings and action of religious groups and selected individuals, including use of war rhetoric and differing theological and social understandings of peace. Lecture, seminar discussion, and research assignment require preparation and participation by students. Prerequisite: Junior standing or above. LEC.

REL 669. Human Conflict and Peace. 3 Hours. H. Study of religious, cultural, and social traditions toward understanding the nature and purposes of human conflict. Analysis of various meanings of peace, with emphasis on study of nonviolent approaches to management of conflict. Class discussion, readings, and individual research projects. (Same as COMS 669.) Prerequisite: Junior standing or above. LEC.

REL 671. American Communes. 3 Hours. H. An examination of utopian communities in North America from the seventeenth century to the present. The course will survey the history, literature, and social dynamics of representative communal societies and movements including the Shakers, the Hutterites, the Oneida Community, Catholic religious communities, egalitarian communities, and other religious and secular communities. LEC.

REL 677. Women in Christianity. 3 Hours. H. An examination of the roles, images, and status of women in Christianity from its origin to the contemporary period and in its missionary expansion from the ancient Near East through Europe, North and South America, Africa, and Asia. LEC.

REL 704. Russian Orthodoxy in Historical Perspective. 3 Hours. This course examines Russian Orthodoxy as a religious system and the institution of the Russian Orthodox Church from its first appearance in Russia to the present. It focuses on beliefs and practices of the clergy and the laity; institutional structures; the relationships between Church and State; interaction with non-Orthodox religious communities; responses to Soviet atheist policies; Orthodox influences on political theory, philosophy, literature, and the fine arts. (Same as REES 704.) LEC.

REL 727. Seminar in Religion, Text and Textuality. 3 Hours. This seminar explores issues surrounding the production and use of authoritative religious texts (sacred texts) in religious traditions, including such topics as scripturality and canon, scriptural hermeneutics, and material and ritual dimensions of scriptural practice. Specific case studies and content to be selected by the instructor. SEM.

REL 732. Seminar in Western Religious Texts: ____. 3 Hours. An analysis of selected religious text or texts from Judaism, Islam, or Christianity in translation. May be taken more than once if subject matter varies sufficiently. Prerequisite: REL 512, REL 515, REL 526, REL 530, REL 532, REL 539, or REL 570 or permission of the instructor. LEC.

REL 733. Seminar in Eastern Religious Texts: ____. 3 Hours. Analysis of a selected religious text or texts from India, China, or Japan, in translation. May be taken more than once if subject matter varies sufficiently. (Same as EALC 733.) Prerequisite: REL 507, REL 508, REL 509, or permission of instructor. LEC.

REL 737. Seminar in Religion, Media and Performance. 3 Hours. This seminar explores aspects of performance and the media of performance in lived religion, which might include such topics as ritual, the body, mass media and the internet, and visual and material culture. Specific case studies and content to be selected by the instructor. SEM.

REL 747. Seminar in Religion, Society and Social Change. 3 Hours. This seminar explores issues regarding the social dimensions of religiosity/lived religion, ranging from aspects of religious institutionalization, authority, and normativity to alternative religiosities and alterity. Specific case studies and content to be selected by the instructor. SEM.

REL 757. Seminar in Religious Subjectivity, Experience, and Narrative. 3 Hours. This seminar explores issues regarding the subjective and experiential dimension of lived religiosity, including such things as religious experience and mysticism, modes of personal religious expression and embodiment, and dynamics of personal and collective religious narrative and identity. Specific case studies and content to be selected by the instructor. SEM.

REL 761. Seminar in Western Religious Thought: ____. 3 Hours. An analysis of the thought of selected thinkers of the Christian, Jewish, and/or Islamic traditions. May be taken more than once if subject matter varies sufficiently. Prerequisite: REL 512, REL 515, REL 526, REL 530, REL 532, REL 539, or REL 570 or permission of the instructor. LEC.

REL 762. Seminar in Eastern Religious Thought: ____. 3 Hours. Analysis of the religious thought of selected thinkers of India, China, and/or Japan, traditional and modern. May be taken more than once if subject matter varies sufficiently. (Same as EALC 732.) Prerequisite: REL 507, REL 508, REL 509, or permission of the instructor. LEC.

REL 767. Seminar in Theory, Method, and History in Religious Studies. 3 Hours. This seminar explores theoretical, methodological, and historical issues that are instrumental to our notions of religion as an analytic category and foundational to the study of religion as a field of academic enquiry. Specific case studies and content to be selected by the instructor. SEM.

REL 771. Seminar in Religious Movements and Social Change: ____. 3 Hours. Relationship of religious groups to movements for social change: influence of religious groups on social change, and the impact of efforts toward social change in religious groups. Prerequisite: REL 171, REL 371, REL 377, or equivalent. LEC.

REL 772. Seminar in Religion and Modern Social Criticism: ____. 3 Hours. Seminar focusing on religious issues in some important texts of modern social criticism from the French Revolution to the present day. Prerequisite: An introductory course in religion. LEC.

REL 773. Seminar in Religion and National Identity: ____. 3 Hours. Analysis of selected issues wherein religion and the formation and definition of a selected nation or nations intersect. LEC.

REL 775. Seminar in Religion and Society in the West: ____. 3 Hours. Analysis of selected Western religions and their relationships to selected Western societies. May be taken more than once if subject matter varies sufficiently. Prerequisite: REL 512, REL 515, REL 526, REL 530, REL 532, REL 539, or REL 570 or permission of instructor. LEC.

REL 776. Seminar in Religion and Society in Asia: ____. 3 Hours. Analysis of selected Asian religions and their relationship to selected Asian societies. May be taken more than once if subject matter varies sufficiently. (Same as EALC 776.) Prerequisite: REL 507, REL 508, REL 509, or permission of the instructor. LEC.

REL 777. Seminar in Religion and Gender. 3 Hours. Examination of symbols, images, scriptures, rites, teachings and scholarship regarding gender definitions and performance in various religious traditions. LEC.
REL 787. Seminar in Ethical Issues in Health Care: _____, 3 Hours.
Interdisciplinary seminar, drawing on the literature of social, medical, and
professional ethics, with special attention to religious perspectives on
meanings of health and the delivery of health care. Of particular interest to
health-related professions. Prerequisite: Permission of instructor. LEC.

REL 800. Readings, 1-4 Hours.

REL 839. Topics in the History and Literature of Religion: _____, 3 Hours.
Selected studies, as announced in Schedule of Classes, in the history and
religious literature of Judaism, Christianity, religion in America, Islam, and
Asian religions. Course may be taken more than once if the subject matter
varies sufficiently. Prerequisite: Permission of instructor. LEC.

REL 864. Topics in Religious Thought and Symbol: _____, 3 Hours.
Selected studies, as announced in Schedule of Classes, in Asian, Middle
Eastern, and Western religious thought, mysticism, and religious ethics.
Course may be taken more than once if subject matter varies sufficiently.
Prerequisite: Permission of instructor. LEC.

REL 875. Topics in Religion and Society: _____, 3 Hours.
Special topics to be announced in Schedule of Classes, according to
research interests of faculty and students. A particular aspect of the
study of religion and culture will be emphasized. Course may be taken
more than once if subject matter varies. Prerequisite: Permission of
instructor. LEC.

REL 877. Topics in Women and Religion: _____, 3 Hours.
Selected studies, as announced in Schedule of Classes, in the history and
analysis of symbols, images, scriptures, rites, and teachings defining
women’s roles in various religious traditions. Course may be taken
more than once if subject matter varies sufficiently. Prerequisite: Permission
of instructor. LEC.

REL 899. Thesis, 1-3 Hours.
The.

System Analysis and Design Courses
SA&D 401. Introduction to Systems Analysis and Design. 3 Hours. U.
An introduction to the Systems Development Life Cycle (SDLC) and
alternatives to SDLC uses in information studies projects and applications.
Case studies will be used to illustrate methods of successful analysis of
entire projects, including project definition and analysis, design
processes, testing, and implementation. Prerequisite: One year of
programming experience or classes. Restricted to students admitted to
the Systems Analysis and Design Certificate program. LEC.

SA&D 402. Introduction to Project Management. 3 Hours. U.
An introduction to the Project Management Body of Knowledge (PMBOK)
including the need for project management, phases of the project life
cycle, tools and techniques for planning (PERT, CPM), and the role of
team work and communication. Not open to students with credit for BBA
410 Project Management. LEC.

SA&D 404. Software Development Methods. 3 Hours. U.
This course will focus on the specifications through implementation phase
of the Systems Development Life Cycle (SDLC) at an advanced level
including technical design, coding and testing, problem management,
systems testing, implementation and post-implementation. Prerequisite:
SAD 401. Restricted to students admitted to the Systems Analysis and
Design Certificate program. LEC.

SA&D 405. Object Oriented Analysis and Design. 3 Hours. U.
Introduces the student to the basic Object Oriented (OO) terminology and
how OO differs from a procedural approach. It details the deliverables that
are created in the analysis and design phase using the Unified Modeling
Language (UML). Students will also learn to use a CASE tool to document
the analysis and design deliverables. Prerequisite: SAD 401. Restricted
to students admitted to the Systems Analysis and Design Certificate
program. LEC.

SA&D 406. Systems Architecture. 3 Hours. U.
Survey of elements of systems architecture including types of
architecture, quality attributes, design patterns and frameworks,
deployment issues, and developing architecture plans. Prerequisite: SAD
401. Restricted to students admitted to the Systems Analysis and Design
Certificate program. LEC.

Slavic Languages Literatures Courses
BCRS 104. Elementary Bosnian/Croatian/Serbian I. 5 Hours. U.
First Semester. Five hours of recitation and drill in the spoken language
per week. Essentials of grammar, practice in reading, writing and
speaking Bosnian/Croatian/Serbian. LEC.

BCRS 105. Elementary Bosnian/Croatian/Serbian I, Honors. 5 Hours.
U.
Similar to BCRS 104 but with additional work aimed at accelerating the
student’s progress to proficiency and widening understanding of cultural
context. Prerequisite: Open only to students admitted to the University
Honors Program, or by permission of instructor. LEC.

BCRS 108. Elementary Bosnian/Croatian/Serbian II. 5 Hours. U.
Second Semester. A continuation of BCRS 104. Prerequisite: BCRS 104.
LEC.

BCRS 109. Elementary Bosnian/Croatian/Serbian II, Honors. 5 Hours.
U.
Continues BCRS 105. Similar to BCRS 108 but with additional work
aimed at accelerating the student’s progress to proficiency and widening
understanding of cultural context. Prerequisite: BCRS 104 or 105.
Open only to students admitted to the University Honors Program, or by
permission of instructor. LEC.

BCRS 177. First Year Seminar: _____, 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing
current issues in Bosnian/Croatian/Serbian. Course is designed to
meet the critical thinking learning outcome of the KU Core. First-Year
Seminar topics are coordinated and approved by the Office of First-Year
Experience. Prerequisite: First-time freshman status. LEC.

BCRS 204. Intermediate Bosnian/Croatian/Serbian I. 3 Hours. U.
Second-year course in the language with emphasis on reading,
composition, and conversation. Prerequisite: BCRS 108. LEC.

BCRS 205. Intermediate Bosnian/Croatian/Serbian I, Honors. 3
Hours. U.
Similar to BCRS 204 but with additional work aimed at accelerating the
student’s progress to proficiency and widening understanding of cultural
context. Prerequisite: Open only to students who have received an A
in BCRS 108 or an A or B in BCRS 109, and who are admitted to the
University Honors Program, or by permission of instructor. LEC.

BCRS 208. Intermediate Bosnian/Croatian/Serbian II. 3 Hours. AE42 / U.
A continuation of BCRS 204. Prerequisite: BCRS 204. LEC.

BCRS 209. Intermediate Bosnian/Croatian/Serbian II, Honors. 3
Hours. AE42 / U.
Similar to BCRS 208 but with additional work aimed at accelerating the
student’s progress to proficiency and widening understanding of cultural
context. Prerequisite: BCRS 204 or 205. Open only to students admitted
to the University Honors Program, or by permission of instructor. LEC.
BCRS 380. Intensive Croatian. 6 Hours. U.
This program consists of a six-week intensive language course in intermediate and advanced Croatian phonetics, conversation, and grammar, and is offered each summer in Croatia. In addition to the practical language work, there is a program of lectures on modern Croatian history, literature, and other cultural topics. Various excursions and tours bring the students into first-hand contact with the people, natural beauty and culture of Croatia. This program is a cooperative effort between the University of Kansas and faculty of the University of Zadar. LEC.

BCRS 504. Advanced Bosnian/Croatian/Serbian I. 3 Hours. H/W.
A practical Bosnian/Croatian/Serbian course involving the advanced study of the grammar, reading of texts on a variety of subjects, conversation and composition. Taught in Bosnian/Croatian/Serbian. Designed for students who have had two or more years of Bosnian/Croatian/Serbian language. Prerequisite: BCRS 208, or equivalent. LEC.

BCRS 508. Advanced Bosnian/Croatian/Serbian II. 3 Hours. H/W.
A practical Bosnian/Croatian/Serbian course involving the advanced study of the grammar, reading of texts on a variety of subjects, conversation and composition. Taught in Bosnian/Croatian/Serbian. Designed for students who have had two and one-half or more years of Bosnian/Croatian/ Serbian language. Prerequisite: BCRS 504, or equivalent. LEC.

BCRS 675. Readings in Bosnian/Croatian/Serbian. 1-6 Hours. H/W.
Individually tailored readings and independent work in Bosnian/Croatian/Serbian language and culture. Prerequisite: Two years of Bosnian/Croatian/Serbian, and consent of instructor. IND.

CZCH 104. Elementary Czech I. 5 Hours. U.
First semester. Essentials of grammar, practice in speaking and writing Czech. Simple readings from selected texts. LEC.

CZCH 108. Elementary Czech II. 5 Hours. U.
Second semester. A continuation of CZCH 104. Prerequisite: CZCH 104. LEC.

CZCH 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Czech. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

CZCH 204. Intermediate Czech I. 3 Hours. U.
Second-year course in the language with emphasis on reading, composition, and conversation. Prerequisite: CZCH 108. LEC.

CZCH 208. Intermediate Czech II. 3 Hours. U.
A continuation of CZCH 204. Prerequisite: CZCH 204. LEC.

CZCH 675. Readings in Czech. 1-6 Hours. H/W.
Prerequisite: Reading knowledge of Czech language, and consent of instructor. IND.

PLSH 104. Elementary Polish I. 5 Hours. U.
First Semester. Essentials of grammar, practice in reading, writing, and speaking Polish. LEC.

PLSH 108. Elementary Polish II. 5 Hours. U.
Second semester. A continuation of PLSH 104. Prerequisite: PLSH 104. LEC.

PLSH 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Polish. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

PLSH 204. Intermediate Polish I. 3 Hours. U.
Second-year course in the language with emphasis on reading, composition, and conversation. Prerequisite: PLSH 108. LEC.

PLSH 208. Intermediate Polish II. 3 Hours. U.
A continuation of PLSH 204. Prerequisite: PLSH 204. LEC.

PLSH 312. Polish Language and Civilization in Poland: Summer Program. 8 Hours. H/W.
Polish grammar, conversation, and composition with select aspects of Polish civilization. Available only to participants in Polonicum, Warsaw University. LEC.

PLSH 504. Advanced Polish I. 3 Hours. H/W.
A practical Polish language course involving advanced study of the grammar, reading of texts on a variety of subjects, conversation, and composition. Taught in Polish. Designed for students who have had two or more years of Polish language. Prerequisite: PLSH 208 or equivalent. LEC.

PLSH 508. Advanced Polish II. 3 Hours. H/W.
A practical Polish language course involving advanced study of the grammar, reading of texts on a variety of subjects, conversation, and composition. Taught in Polish. Designed for students who have had two and one-half or more years of Polish. Prerequisite: PLSH 504 or equivalent. LEC.

PLSH 675. Readings in Polish Language and Literature. 1-6 Hours. H/W.
Directed individual readings on various topics concerning Polish literature and/or language. Prerequisite: Two years or four semesters of Polish, and consent of instructor. IND.

RUSS 100. Russian Reading Course I. 3 Hours. U.
A special reading course for candidates for advanced degrees, faculty members, and graduate or undergraduate students from other schools or departments, designed to aid them in obtaining a reading knowledge for purposes of research. An intensive study of the fundamentals of grammar proceeding to the reading of material of medium difficulty. The course does not satisfy any part of the undergraduate language requirement. Presupposes no previous study of Russian. LEC.

RUSS 101. Russian Reading Course II. 3 Hours. U.
A continuation of RUSS 100. Completion and review of the fundamentals of grammar, with emphasis on reading and translation of learned, scientific, or technical writing and other material of an advanced nature. Each student will also have special assignments in his or her particular field. This course does not satisfy any part of the undergraduate language requirement. Prerequisite: RUSS 100. LEC.

RUSS 104. Elementary Russian I. 5 Hours. U.
First semester. Five hours of basic language acquisition and two hours of oral practice per week. Essentials of grammar, practice in comprehending, speaking, reading, and writing Russian. LEC.

RUSS 108. Elementary Russian II. 5 Hours. U.
Second semester. Five hours of basic language acquisition and two hours of oral practice per week. A continuation of RUSS 104. Prerequisite: RUSS 104. LEC.

RUSS 110. Intensive Elementary Russian. 10 Hours. U.
Intensive course in elementary Russian providing the student with a complete survey of Russian grammar, and proficiency in understanding, reading, and speaking basic Russian. Twenty contact hours per week. Same content as RUSS 104 and RUSS 108 combined. LEC.
RUSS 150. Beginning Russian I. 3 Hours. U.
Fundamentals of Russian grammar, reading, speaking, and writing. Course designed to accommodate the needs of students regardless of age, educational background, or occupation. No previous knowledge of Russian or other foreign languages required. LEC.

RUSS 152. Beginning Russian II. 3 Hours. U.
Continuation of RUSS 150. Does not fulfill BA foreign language requirement. Prerequisite: RUSS 150 or equivalent. LEC.

RUSS 177. First Year Seminar: ______. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Russian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

RUSS 204. Intermediate Russian I. 6 Hours. U.
This course is designed to develop speaking, reading, and listening proficiency within the context of detailed grammatical review. The course meets five hours a week for six hours credit. It is especially recommended for potential majors in Russian, for area-studies students, and for students intending to apply for study abroad in Russia. Prerequisite: RUSS 108, RUSS 110, or equivalent. LEC.

RUSS 208. Intermediate Russian II. 6 Hours. U.
Continuation of RUSS 204. Completes the undergraduate foreign language requirement. The course is designed to develop speaking, reading, and listening proficiency within the context of detailed grammatical review. It is especially recommended for potential majors in Russian, for area-studies students, and for students intending to apply for study abroad in Russia. Students who have completed only RUSS 212 may enroll with the permission of the instructor. Prerequisite: RUSS 204 or equivalent. LEC.

RUSS 212. Second Year Russian I. 3 Hours. U.
A review of Russian and further development of all four language skills. This course is intended for non-specialists and for students fulfilling the language requirement. Prerequisite: RUSS 108 or RUSS 110. LEC.

RUSS 216. Second Year Russian II. 3 Hours. U.
Continuation of RUSS 212. More focused development of students’ oral skills and reading abilities. This course fulfills the college foreign language requirement. Prerequisite: RUSS 204 or RUSS 212. LEC.

RUSS 250. Continuing Russian I. 3 Hours. U.
Fundamentals of Russian grammar, reading, speaking, and writing. Course designed to accommodate the needs of students regardless of age, educational background, or occupation. Does not count towards the fulfillment of the undergraduate language requirement. Does not count towards the undergraduate major in Slavic. Prerequisite: RUSS 152 or equivalent. LEC.

RUSS 252. Continuing Russian II. 3 Hours. U.
A continuation of RUSS 250. Does not count towards the fulfillment of the undergraduate language requirement. Does not count towards the undergraduate major in Slavic. Prerequisite: RUSS 250 or equivalent. LEC.

RUSS 504. Advanced Russian I. 3 Hours. H/W.
A practical Russian language course involving advanced study of the grammar, reading of texts on a variety of subjects, conversation, and composition. Taught in Russian. Designed for students who have had four semesters of Russian. Prerequisite: RUSS 208 or RUSS 216. LEC.

RUSS 508. Advanced Russian II. 3 Hours. H/W.
A practical Russian language course involving advanced study of the grammar, reading of texts on a variety of subjects, conversation, and composition. Taught in Russian. Designed for students who have had two and one-half or more years of Russian language. Prerequisite: RUSS 504. LEC.

RUSS 512. Russian for the Professions I. 3 Hours. U.
This course focuses on the active mastery of language structures and vocabulary needed for people using Russian in professional capacities, particularly such as business and journalism. Materials will be drawn from the current Russian press and electronic media. Designed for students who have had basic language training and want to develop specialized language skills. Prerequisite: RUSS 208 or RUSS 216. LEC.

RUSS 516. Russian for the Professions II. 3 Hours. U.
A continuation of RUSS 512. Prerequisite: RUSS 504, RUSS 512, or RUSS 522. LEC.

RUSS 522. Problems in Translating Russian into English I. 3 Hours. H/W.
Preparation of hitherto untranslated works, possibly with the intention of submitting for publication. Training and practice in the skills of oral interpretation. Prerequisite: Two years minimum of Russian language courses. LEC.

RUSS 526. Problems in Translating Russian into English II. 3 Hours. H/W.
A continuation of RUSS 522. LEC.

RUSS 552. Advanced Russian Language at Saint Petersburg University: Semester Program. 14 Hours. H/W.
Sixteen weeks of intensive Russian language and literature classes held at Saint Petersburg University, Russia. Classes in advanced phonetics, conversation, and grammar as well as lectures on literary and other cultural topics. Prerequisite: Minimum of five semesters of Russian language study at the college level or its equivalent. LEC.

RUSS 600. Classics of Russian Culture. 3 Hours. H.
This advanced Russian language class explores the monuments of Russian culture (1700-1980) in the context of the country’s history, customs, artistic traditions and literary trends. It is designed to develop reading, writing, and speaking skills of advanced language students and includes the preparation of written and oral reports in Russian. Discussion format; conducted entirely in Russian. Prerequisite: RUSS 508 or equivalent. LEC.

RUSS 604. Contemporary Russian Culture. 3 Hours. H/W.
This advanced Russian language class explores issues in contemporary Russian culture (literature and the arts, societal trends and issues, politics, and national life) based on Russian film, television, and print materials. It is designed to develop reading, writing, and speaking skills of advanced language students who wish to develop high levels of fluency, accuracy, and idiomatic expressiveness. Includes the preparation of both written and oral reports. Discussion format; conducted entirely in Russian. Prerequisite: RUSS 508 or equivalent. LEC.

RUSS 608. Russian Phonetics and Grammar. 3 Hours. H/W.
A survey of fundamental issues in Russian phonetics, morphology, and syntax. The course will develop reading, writing, and speaking skills necessary for discussing and analyzing the major linguistic categories of Russian. Includes the preparation of both written and oral reports.
SLAV 149. Introduction to Slavic Folklore, Honors. 3 Hours. HL AE42/GE3H / H/W.
An introduction to the various forms of folklore among the Slavic peoples, with particular emphasis on the folk literature, customs, and artifacts of Russia, Poland, and the South Slavic countries. LEC.

SLAV 177. First Year Seminar: _____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Slavic. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

SLAV 204. Intermediate Slavic Language I: _____. 3 Hours. U.
Second-year level course in a Slavic language, for example, Slovenian, Macedonian, Slovak, with emphasis on reading, composition, and conversation. Prerequisite: SLAV 108 (in same language). LEC.

SLAV 208. Intermediate Slavic Language II: _____. 3 Hours. U.
Second-year level course in a Slavic language, for example, Slovenian, Macedonian, Slovak, with emphasis on reading, composition, and conversation. Prerequisite: SLAV 204 or equivalent (in same language). LEC.

SLAV 316. The Peoples and Cultures of Southeastern Europe Through Film. 3 Hours. HL AE42/GE3H / H.
This course presents an introduction to the study of the culture of the South Slavs and other peoples of Southeastern Europe, combining background modules in geography, linguistic culture, history, folklore and contemporary cultural criticism with critical viewings of artistic films. The course serves as an introduction to humanistic inquiry about the peoples and cultures of Southeastern Europe. LEC.

SLAV 317. The Peoples and Cultures of Southeastern Europe Through Film, Honors. 3 Hours. HL AE42/GE3H / H.
This course is similar in content to SLAV 316, but with an additional honors project. Prerequisite: Eligibility for or admission to the university Honors Program. LEC.

SLAV 318. Jews and Slavs in Eastern Europe. 3 Hours. H.
Jews and Slavs have shared territory from the Middle Ages to the present day. The contact between these culturally and linguistically distinct groups have shaped many centuries of Eastern European history - from the extreme violence of the pogroms to long periods of peaceful coexistence and cooperation. "Jews and Slavs" examines the history and cultural geography of Slavic-Jewish contact from the perspectives of both groups. Through literature, film, journalism, and folklore, students learn about the profound influence Jews and Slavs have had on each other, the uneasy feelings that accompanied their interactions, and the creative and fascinating impact their interaction had on both cultures. (Same as JWSH 318.) LEC.

SLAV 340. Introduction to the Languages and Peoples of Russia and East-Central Europe. 3 Hours. HT AE42/GE3H / H.
An overview of the languages and peoples of Russia and East-Central Europe, including the Slavic and Baltic languages, Romanian, and Albanian. Topics addressed include language prehistory, writing systems, and the relationship between language and national identity. Emphasis on language issues as a background to current events in order to impart an appreciation of the area, its uniqueness and complexity. LEC.

SLAV 341. Introduction to the Languages and Peoples of Russia and East-Central Europe, Honors. 3 Hours. HT AE42/GE3H / H.
An overview of the languages and peoples of Russia and East-Central Europe, including the Slavic and Baltic languages, Romanian, and Albanian. Topics addressed include language prehistory, writing systems, and the relationship between language and national identity. Emphasis on
on language issues as a background to current events in order to impart an appreciation of the area, its uniqueness and complexity. Prerequisite: Membership in the College Honors Program or consent of instructor. LEC.

SLAV 370. War and Violence Russian Literature and Film. 3 Hours. S.
This course focuses on artistic representations of violence resulting from historical events such as World War II, Soviet collectivization, the Gulag, and political purges. We consider Soviet literature and film, including works by Isaac Babel, Andrei Platonov, Anna Akhmatova, and Alexander Solzhenitsyn. Readings in English. The course is offered at the 300 and 500 levels, with additional assignments at the 500 level. LEC.

SLAV 500. Russia Today. 3 Hours. H/W.
Study and discussion of contemporary problems in Russia and the former Soviet Union; readings in Russian, based on articles in newspapers, journals, etc. Conducted in Russian. Prerequisite: RUSS 208 or equivalent. LEC.

SLAV 502. Introduction to Russian Culture and Society: ______. 3 Hours. H/W.
An interdisciplinary course introducing the student to the principal features of Russian cultural and societal development in the modern era. Readings in English, no prerequisite for non-Russian majors. Majors and graduate students in Slavic languages and literatures will be required to do readings in Russian. LEC.

SLAV 503. Post-Soviet Communication. 3 Hours. H.
The course is designed to acquaint students with the shifting manner of public discourse in Post-Soviet Russia and help them to explore in some depth cross-cultural communication between America and Russia. In addition to contemporary and historical background on Russian communicative practices, students examine discourse in business development, mass media, marketing, and advertising. All readings in English. (Same as COMS 503). LEC.

SLAV 504. Introduction to East-Central European Culture and Society: ______. 3 Hours. H/W.
An interdisciplinary course introducing the student to the principal features of East-Central European cultural and societal development in the modern era. Countries that may be considered are: Poland, the Czech Republic, Slovakia, Hungary, Romania, Bulgaria, the South Slavic countries, Latvia, Lithuania, Estonia, Belorussia, and Ukraine. LEC.

SLAV 505. Introduction to Czech Culture. 3 Hours. H.
This study-abroad trip offers a survey of Czech art, architecture, literature, theater, and film from the medieval period to the present with emphasis on the late 19th and 20th centuries. Combines 18 hours of lectures on campus and a ten-day trip to Prague. LEC.

SLAV 506. West Slavic Literature and Civilization (Polish and Czech). 3 Hours. H/W.
A survey of West Slavic Literature and Civilization (Polish and Czech) from its beginnings to the present with emphasis on the most important trends: Renaissance, Romanticism, Positivism/Realism, Modernism and Avant-guard; Socialist realism, and Post-modernism. The course combines lecture, discussion and small group activities. Movie clips, recordings, and slides are used to reflect various cultural dimensions of West Slavic Civilization. No knowledge of Polish or Czech is required. LEC.

SLAV 508. South Slavic Literature and Civilization. 3 Hours. NW AE4/ H/W.
An introductory survey of the literature and culture of the South Slavic peoples: the Slovenes, Croats, Bosniacs, Serbs, Montenegrins, Macedonians and Bulgarians. No language required. LEC.

SLAV 510. The Russian Literary Genius. 3 Hours. H/W.
Topics and problems in Russian cultural history as treated in the masterworks of Russian literature. Readings selected from the works of Pushkin, Tolstoy, Dostoevsky, Pasternak, Bulgakov, Solzhenitsyn, and other great Russian writers. Readings in English, no prerequisite for non-Russian majors. Russian majors will do some of the readings in Russian. LEC.

SLAV 514. Totalitarianism and Literature in Central Europe. 3 Hours. H.
This course asks how fiction written in Central Europe engaged and grappled with the totalitarian experience imposed by Nazi and Soviet forms of government. The course focuses on the works by 20th-century Polish, Czech, and Hungarian writers that deal with totalitarianism. (Same as HWC 514.) LEC.

SLAV 516. Film Adaptations of Polish and Czech Literature. 3 Hours.
A comparative study of several most representative and best works of 19th- and 20th-century Polish and Czech fiction and drama and their film adaptations. By providing a broad cultural and historical background of the works, the course offers a thorough introduction to modern culture of Poland and the Czech Republic. Readings and discussions are in English, and no knowledge of Polish or Czech is required. LEC.

SLAV 520. Russian Phonetics, Phonology, and Inflectional Morphology. 3 Hours. H/W.
An analysis of the phonological and morphological systems of contemporary standard Russian, including normative and dialectal pronunciation of speech sounds, phonemics, morphophonemic alterations, and nominal and verbal inflections. Graduate students enrolled in this course will be held to a more stringent curriculum and grading system. Prerequisite: Two years of Russian language study or the equivalent. LEC.

SLAV 522. The Grammatical Categories of Russian: Linguistic Units, Functions and Meanings. 3 Hours. H/W.
This course covers the main grammatical categories of Russian, including word formation, case, animacy, voice and reflexive verbs, imperatives, aspect, and word order. It is intended not only for linguists but anyone seeking a better understanding of the grammatical systems of Russian. Designed as a continuation of SLAV 520. Prerequisite: Two years of Russian language study or the equivalent. LEC.

SLAV 524. Russian Since the Revolution. 3 Hours. H/W.
An examination of changes in the Russian language during the course of this century. Topics covered include changes in pronunciation, morphological and syntactic variation, and the impact of foreign borrowings, particularly from English. Graduate students enrolled in this course will be held to a more stringent curriculum and grading system. Prerequisite: Two years of Russian language study or the equivalent. LEC.

SLAV 528. Comparative Study of Slavic Literatures. 3 Hours. H/W.
The course is intended as an introduction to the most significant writers and works in Slavic literatures. The emphasis will be on some of the
themes and ideological concepts that have shaped the literatures of the Slavic world. Representative works of Turgenev, Dostoevsky, Mrozek, Rozewicz, Capek, Hasek, Djilas, Havel, Ivo Andric, and others, will be studied. The diversity of expression and, at the same time, homogeneity of spirit in the works of these writers will be stressed. No knowledge of Slavic languages is required. LEC.

SLAV 530. Introduction to Russian Poetry. 3 Hours. H/W.
An introduction to the principles of Russian versification and to masterpieces of Russian poetry selected from the 18th, 19th, and 20th centuries. Students will learn to read, translate, and analyze poems in terms of rhyme, meter, euphony, metaphor, and other prosodic features. Emphasis will be placed upon preparing students for independent study and appreciation of Russian poetry in the original. Prerequisite: Language proficiency. LEC.

SLAV 532. Dostoevsky. 3 Hours. H/W.
A study of the life and works of Fyodor Dostoevsky. In translation. No prerequisite. LEC.

SLAV 534. Tolstoy. 3 Hours. H/W.
A study of the life and works of Leo Tolstoy. In translation. LEC.

SLAV 536. Turgenev. 3 Hours. H/W.
A study of the life and works of Ivan Turgenev. In translation; however, note that Russian majors will be required to read selected works in Russian. LEC.

SLAV 538. The Modern Polish Short Story. 3 Hours. H/W.
A study of the development of the Polish short story from Positivism to the present. Readings of major Polish writers including Prus, Sienkiewicz, Schulz, Borowski, Andrzejewski, and others. Emphasis on trends in the Polish short story within the context of West European literatures. No prerequisites. Readings in English. Students with knowledge of Polish will read some works in Polish. LEC.

SLAV 540. Language and Identity in East-Central Europe and the Former Soviet Union. 3 Hours. H.
The course treats the formation of modern nation states as defined by language, where the history of the linguistic community played a central, if mythic role. Focus is on sociolinguistic case studies of the connection between language and identity in the former USSR and Yugoslavia, as well as transnational groups defined by common language and culture. The impact of global English, EU membership, and migration on language and identity issues are also discussed. LEC.

SLAV 558. Readings in Slovene. 1-6 Hours. H.
Individually tailored coursework in Slovene, from beginning to advanced level. Can include development of all four skills depending on the needs of the student. Prerequisite: Consent of instructor. IND.

SLAV 560. Introduction to Slavic Language: _____. 3 Hours. H/W.
Basic introduction to the language, with emphasis on grammar and reading skills. Prerequisite: Two years of a different Slavic language at the college level. LEC.

SLAV 561. Readings in Slavic Language: _____. 1-6 Hours. H/W.
A course of readings and discussion of grammar in a Slavic language as a continuation of SLAV 560, for example, in Bulgarian, Macedonian, etc. Prerequisite: SLAV 560 or the equivalent. LEC.

SLAV 562. Russian Theatre and Drama from Stanislavski and Chekhov to the Present. 3 Hours. H/W.
A study of the development of Russian theatre and dramatic literature from 1898 to the present. Lectures and readings in English. (Same as THR 725.) LEC.

SLAV 564. The "Woman Question" in Nineteenth-Century Russian Literature. 3 Hours. H.
An exploration of the "woman question" in nineteenth-century Russia as treated in literary texts. Authors to be included are: Tolstoy, Turgenev, Dostoevsky, Chekhov, as well as women writers such as Karolina Pavlova and Evgeniia Tur, and prominent literary and social critics. Readings in English. LEC.

SLAV 566. The Devil in Russian Literature. 3 Hours. H.
This course traces the various manifestations of the Devil through Russian and European folklore, myth, theology, culture, and literature. Although the focus is on Russian literature, classic European works are discussed, as they had a powerful impact on the modern Russian Conception of the Evil One. Readings in English. (Same as HWC 566.) LEC.

SLAV 568. Biblical Themes in Modern Russian Literature. 3 Hours. H.
An exploration of the creative process of modern Russian literature (1700 to present) through the ways in which Russian writers have responded to the Bible, the cornerstone of both Western and Eastern Christianity. LEC.

SLAV 570. War and Violence Russian Literature and Film. 3 Hours. S.
This course focuses on artistic representations of violence resulting from historical events such as World War II, Soviet collectivization, the Gulag, and political purges. We consider Soviet literature and film, including works by Isaac Babel, Andrei Platonov, Anna Akhmatova, and Alexander Solzhenitsyn. Readings in English. The course is offered at the 300 and 500 levels, with additional assignments at the 500 level. LEC.

SLAV 600. Biography of a City: ____. 3 Hours. H/W.
Examination in depth of the historical, social, intellectual, and artistic development of one or more major Slavic urban centers. LEC.

SLAV 612. Introduction to Russian Literature of the Nineteenth Century. 3 Hours. H/W.
Pushkin, Dostoevsky, Tolstoy, and others with an introduction to Russian culture. Lectures and readings in Russian. Prerequisite: Three years of Russian language study or its equivalent. LEC.

SLAV 614. Russian Literature in Translation: _____. 3 Hours. H/W.
A survey of the principal Russian authors and literary works of the 19th and/or 20th century. Readings in English, no prerequisites for non-Russian majors. Students with a sound knowledge of Russian will be expected to do some of the readings in Russian. LEC.

SLAV 616. Introduction to Russian Literature of the Twentieth Century. 3 Hours. H/W.
A survey of recent Russian and Soviet literature. Lectures and readings in Russian. Prerequisite: Three years of Russian language study or its equivalent. LEC.

SLAV 626. The Cultural Impact of Ottoman Empire on the South Slavs. 3 Hours. H.
An examination of the cultural development of the South Slavs in the context of the Ottoman invasions and subsequent rule (14th-19th century), focusing on the frontier aspects of the Balkans, military culture, religion, economics and banditry, as well as other aspects of material and folk culture. No language requirement. Prerequisite: SLAV 316 or SLAV 508; or consent of instructor. LEC.

SLAV 630. Slavic Folklore. 3 Hours. H/W.
Introduction to the phenomena and problems of Slavic folklore. Prerequisite: Two years of Russian on the college level. LEC.

SLAV 635. Language, Culture and Ethnicity in Prehistoric Eastern Europe. 3 Hours. S.
The course is for students who wish to understand the prehistory of Eastern Europe with special attention to the Slavs. The interdisciplinary
course examines East European prehistory from the perspectives of archaeology and linguistics, considering also how ideologies have influenced the interpretation of results. No language prerequisite. (Same as ANTH 686) LEC.

SLAV 642. Pushkin and Evgenij Onegin. 3 Hours. H/W.
Lectures, reading, and analysis of Pushkin’s “novel in verse.” Prerequisite: Three years of Russian language courses or the equivalent. LEC.

SLAV 650. The Russian Short Story. 3 Hours. H/W.
Readings from the short stories of major Russian writers of the 19th and/or 20th centuries, e.g., Pushkin, Gogol, Dostoevsky, Turgenev, Tolstoy, Chekhov; readings and discussion in English for non-Russian majors. Russian majors will be expected to read most stories in Russian. Prerequisite: None for non-majors in the department; two years of college level Russian for majors. LEC.

SLAV 656. Russian Literature of the Eighteenth Century. 3 Hours. H/W.
Readings from Kantemir, Trediakovsky, Lomonosov, Derzhavin, Karamzin, and others in their literary and intellectual contexts. Readings in Russian. Prerequisite: Three years of Russian language study or its equivalent. LEC.

SLAV 660. Nineteenth Century Russian Prose and Fiction. 3 Hours. H/W.
Readings from the prose works of Pushkin, Lermontov, Gogol, Turgenev, Goncharov, Dostoevsky, and Tolstoy. In translation. No prerequisite for non-Russian majors. Russian majors will be required to have achieved senior standing and will read most works in Russian. LEC.

SLAV 662. Russian Literary Modernism: 1880-1930. 3 Hours. H/W.
Readings from late Tolstoy through the period of the 1920’s. In translation; no prerequisites for non-Russian majors. Russian majors will be required to have achieved senior standing and will read most works in Russian. LEC.

SLAV 664. Soviet Russian Literature: 1930-1990. 3 Hours. H/W.
Readings in the period, in all genres. In translation; no prerequisite for non-Russian majors. Russian majors are required to have senior standing and read most works in Russian. LEC.

SLAV 667. Post-Soviet Literature. 3 Hours. H.
A survey of post-Soviet literary art, from approximately 1985 to the present, dealing with a range of subjects including the emergence of literature from the strictures of socialist realism and its relationship to concepts of postmodernism and postcolonialism. LEC.

SLAV 668. Nabokov. 3 Hours. H/W.
A study of the life and works of Vladimir Nabokov. In translation. No prerequisite. LEC.

SLAV 675. Readings in Slavic Studies (English). 1-3 Hours. H.
Directed readings on Slavic culture in English. For non-majors. Prerequisite: Instructor permission. LEC.

SLAV 678. Readings in Slavic Linguistics. 1-6 Hours. H/W.
Directed individual readings on various topics concerning Slavic linguistics. Prerequisite: Proficiency in at least one Slavic language, and consent of instructor. IND.

SLAV 679. Topics in: ____. 1-6 Hours. H.
Intensive study of a selected topic from Slavic languages, literatures, linguistics, or pedagogy. IND.

SLAV 684. Main Currents of Russian Thought I. 3 Hours. H/W.
A study of philosophical, theological, and literary monuments designed to acquaint the student with main cultural forces that have shaped Russian thought and manners. From the origins to Peter the Great. (Same as PHIL 684.) LEC.

SLAV 686. Main Currents of Russian Thought II. 3 Hours. H/W.
A continuation of SLAV 684. From the age of Peter the Great to revolutions of 1917. (Same as PHIL 686.) LEC.

SLAV 710. Introduction to Slavic Languages and Linguistics. 3 Hours.
The Slavic languages and peoples, including briefly: their origin, prehistory, and early culture. Basic linguistic methodology as applied to Slavic material from the beginnings of Slavic linguistics to the present. LEC.

SLAV 711. Russian Poetry: Nineteenth Century. 3 Hours.
Readings from the works of the major poets, in Russian. Prerequisite: Three years of Russian language study or the equivalent. LEC.

SLAV 712. Russian Poetry: Twentieth Century. 3 Hours.
Readings from the works of the major poets, in Russian. Prerequisite: Language proficiency. LEC.

SLAV 714. Russian Theatre and Drama to 1900. 3 Hours.
A study of the development of Russian theatre and dramatic literature from their beginnings to 1900. Readings in English. Students with knowledge of Russian will read some works in Russian. LEC.

SLAV 715. Russian Drama and Theatre 1953 to the Present. 3 Hours.
A study of the development of Russian theatre and dramatic literature from 1953 to the present. Readings in English. Students with knowledge of Russian will read some works in Russian. LEC.

SLAV 716. History of Russian Literary Criticism: Late Eighteenth and Nineteenth Century. 3 Hours.
A study of the various literary periods, such as sentimentalism, romanticism, naturalism, realism, with particular reference to individual literary critics and critical journals. LEC.

SLAV 719. Philosophical and Aesthetic Thought of the Russian Silver Age. 3 Hours.
A survey of the works of Solov’yov, Florensky, Berdyaev, Merezhkovsky, Ivanov, and others, and their relation to the literature and culture of the Silver Age. LEC.

SLAV 721. Pushkin. 3 Hours.
A study of the life and works of Alexander Pushkin. Readings in Russian, open to senior Russian majors and graduate students. Prerequisite: Three years of Russian or the equivalent. LEC.

SLAV 726. Chekhov. 3 Hours.
A study of the life and works of Anton Chekhov. Open to senior Russian majors and graduate students. Readings in Russian. Prerequisite: Three years of Russian or the equivalent. LEC.

SLAV 727. Bely and Blok. 3 Hours.
A study of the life and works of the Symbolist writers, Andrei Bely and Aleksandr Blok. Readings in Russian. LEC.

SLAV 728. 19th Century Russian Prose. 3 Hours.
Readings from the works of Turgenev, Chekhov, Leskov, Saltykov, and others. Readings and discussion in English. Russian majors will be expected to read some works in Russian. No prerequisite. LEC.

SLAV 730. Russian Emigre Literature. 3 Hours.
A study of representative works in all genres, by Russian emigre writers. Readings in English. LEC.

SLAV 740. Introduction to Graduate Studies in Slavic Languages and Literatures. 3 Hours.
This course is an introduction to the skills required of students doing graduate degrees in Slavic languages and literatures; areas covered
include 1) introduction to literary theory and criticism, 2) bibliography and research methods, including database management software, 3) preparation and presentations of a research/conference paper, 4) technology training, including web design, on-line portfolio, and digital humanities, and 5) professional ethics and awareness of the academic market and alternative careers. We will also be working on practical, professionally useful goals, such as how to (better) make use of technology, how to create a CV and modify it for different positions, how to write an abstract, and how to produce a conference paper. Course requirements will include a variety of smaller assignments and two larger projects, a web-based professional portfolio and an 8 to 10-page conference paper. LEC.

SLAV 748. Old Church Slavic. 3 Hours.
A course in the first written language of the Slavs (9-12th centuries AD), with discussion of Indo-European, Baltic and Common Slavic background. Prerequisite: Two years of Russian or the study of another ancient Indo-European language. LEC.

SLAV 750. Introduction to Russian Historical Grammar. 3 Hours.
The linguistic history of Russian from the emergence of East Slavic dialects of Common Slavic to the modern period, with emphasis on fundamental structural changes and the introduction of skills necessary for the reading and analysis of Old and Middle Russian texts. Prerequisite: Three years of Russian or the equivalent. LEC.

SLAV 752. Old Russian Grammar and Texts. 3 Hours.
An examination of the Russian language from its beginnings to the 17th century through close reading of Old and Middle Russian texts and reading and discussion of the literature on issues in Russian historical linguistics. Prerequisite: SLAV 748, SLAV 750, or equivalent. LEC.

SLAV 756. Structure of Russian: _____. 3 Hours.
Synchronic study of the contemporary Russian language with special emphasis on problems of functional morphology and syntax. Prerequisite: Three years of Russian language study or its equivalent. LEC.

SLAV 799. M.A. Seminar in Slavic Linguistics. 3 Hours.
Topics in Slavic linguistics. Content will vary. May be repeated. LEC.

SLAV 802. Thesis. 1-6 Hours.
THE.

SLAV 804. Comparative Slavic Linguistics. 3 Hours.
An examination of the development of the Slavic languages from the Common Slavic period to the present, proceeding from Indo-European. Prerequisite: Graduate standing in Russian. LEC.

SLAV 806. East Slavic Linguistics. 3 Hours.
An examination of the linguistic phenomena and historical development of the East Slavic languages (Russian, Belorussian, and Ukrainian). Prerequisite: Graduate standing in Russian. LEC.

SLAV 808. West Slavic Linguistics. 3 Hours.
An examination of linguistic phenomena and historical development of the West Slavic languages (Polish, Czech, Slovak, and Upper and Lower Sorbian). LEC.

SLAV 810. South Slavic Linguistics. 3 Hours.
An examination of linguistic phenomena and historical development of Bulgarian, Macedonian, Croatian-Serbian, Slovene. LEC.

SLAV 820. Old Russian Literature: Beginnings to 1700. 3 Hours.
Readings of selected texts in Russian. Prerequisite: SLAV 752. LEC.

SLAV 822. Seminar in Russian Literature: Eighteenth Century. 3 Hours.
An investigation of specific themes or authors in the literature, culture, and thought of the 18th century. All readings in Russian. Prerequisite: Graduate standing and advanced Russian language. SEM.

SLAV 824. Proseminar in Methods of Teaching Slavic Languages I. 1-3 Hours.
Required for all teaching assistants, assistant instructors engaged in the teaching of Slavic languages and persons planning for careers in teaching Slavic languages. Combines discussion of theoretical teaching concepts with practical solution of problems arising concurrently in Slavic language courses. Students enrolled for two or three hours will study advanced Slavic grammar topics and stylistics as they apply to the teaching of Slavic languages. LEC.

SLAV 825. Investigation and Conference. 1-3 Hours.
Individual work in language or literature of the teaching of Slavic languages by qualified students under direction of members of the department. RSH.

SLAV 826. Proseminar in Methods of Teaching Slavic Languages II. 1-3 Hours.
Required for all teaching assistants, assistant instructors engaged in the teaching of Slavic languages and persons planning for careers in teaching Slavic languages. Combines discussion of theoretical teaching concepts with practical solution of problems arising currently in Slavic language courses. Students enrolled for two or three hours will study advanced Slavic grammar topics and stylistics as they apply to the teaching of Slavic languages. LEC.

SLAV 850. Seminar in Russian Literature: Nineteenth Century: _____. 3 Hours.
A regular seminar for graduate students, devoted to special problems in Russian literature. (Ancient Russian literature, Classicism, Romanticism, Realism, Symbolism, etc.) Designed to introduce the student to the more advanced methods in criticism, literary analysis, and research. Prerequisite: Graduate standing in Slavic Languages and Literatures, or permission of instructor. LEC.

SLAV 852. Seminar in Russian Literature: Twentieth Century. 3 Hours.
Various topics including pre- and post-Revolutionary poetry, the prose of the 1920s, the development of Socialist Realism, individual authors, etc. LEC.

SLAV 899. Ph.D. Seminar Slavic Linguistics. 3 Hours.
Topics in Slavic linguistics. Content will vary. May be repeated. Prerequisite: Ph.D. student in Slavic Languages and Literatures. LEC.

SLAV 912. Seminar: Topics in Contemporary Slavic Linguistics. 3 Hours.
Synchronic examination of specific topics, i.e., phonology, morphology, syntax, and lexicology of several Slavic languages. LEC.

SLAV 914. Seminar: Topics in Historical Slavic Linguistics. 3 Hours.
Diachronic examination of selected topics, i.e., phonology, morphology, syntax, or lexicology, of one or more Slavic languages. LEC.

SLAV 917. Seminar in Russian Culture and Society. 3 Hours.
Examination of selected topics in Russian cultural history, especially as treated in the works of Russian literature and intellectual history. Prerequisite: At least one course in Russian history, or one of the following courses—SLAV 502, SLAV 510, SLAV 684, SLAV 686, plus graduate standing. LEC.
SLAV 932. Seminar: Topics in Slavic Folklore. 3 Hours.
Investigation and concentrated study of one or more themes (e.g., mythology, demonology, life rituals, folklore and literature), figures (e.g., Baba Yaga), or genres (e.g., magic tales, byliny, riddles) of Slavic folklore. All readings in Russian. Prerequisite: SLAV 630. SEM.

SLAV 940. Seminar: Topics in Comparative Slavic Literature. 3 Hours.
Prerequisite: Graduate standing in Slavic Languages and Literatures. LEC.

SLAV 999. Dissertation. 1-6 Hours.
THE.

TURK 104. Elementary Turkish I. 5 Hours. U.
Basic language acquisition, including essentials of grammar, speaking, and writing standard (Osmanli) Turkish. LEC.

TURK 108. Elementary Turkish II. 5 Hours. U.
Continuation of TURK 104. Prerequisite: TURK 104. LEC.

TURK 177. First Year Seminar: _____, 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Turkish. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

TURK 204. Intermediate Turkish I. 3 Hours. U.
Second-year course in Turkish language with emphasis on reading, composition, and conversation. Prerequisite: TURK 108. LEC.

TURK 208. Intermediate Turkish II. 3 Hours. U.
Continuation of TURK 204. Prerequisite: TURK 204. LEC.

TURK 314. Turkish Culture Through Film and Literature. 3 Hours. H.
This course introduces the student to Turkish culture, with a focus on the 20th and 21st centuries, mainly through films and literature. Among the topics are Turkey's geography, politics, history, religion, feminism, poetry, music and cuisine. This interdisciplinary course does not require any previous knowledge of Turkey or the Turkish Language; it is open to both undergraduate and graduate students. Representative works of major authors and film directors will be discussed and analyzed in their historical, political and theoretical contexts. The course is offered at the 300 and 500 levels, with additional assignments at the 500-level. LEC.

TURK 514. Turkish Culture Through Film and Literature. 3 Hours. H.
This course introduces the student to Turkish culture, with a focus on the 20th and 21st centuries, mainly through films and literature. Among the topics are Turkey’s geography, politics, history, religion, feminism, poetry, music and cuisine. This interdisciplinary course does not require any previous knowledge of Turkey or the Turkish Language; it is open to both undergraduate and graduate students. Representative works of major authors and film directors will be discussed and analyzed in their historical, political and theoretical contexts. The course is offered at the 300 and 500 levels, with additional assignments at the 500-level. LEC.

TURK 675. Readings in Turkish: _____, 3 Hours. U.
Prerequisite: Two years of college-level Turkish and consent of instructor. May be repeated for credit if content varies. IND.

UKRA 104. Elementary Ukrainian I. 5 Hours. U.
First semester. Five hours per week of recitation and drill in the spoken language. Essentials of grammar, practice reading, writing and speaking Ukrainian. LEC.

UKRA 108. Elementary Ukrainian II. 5 Hours. U.
Second semester. Continuation of UKRA 104. Prerequisite: UKRA 104. LEC.

UKRA 177. First Year Seminar: _____, 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Ukrainian. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

UKRA 204. Intermediate Ukrainian I. 3 Hours. U.
Second year course in Ukrainian language with emphasis on reading, composition, and conversation. Prerequisite: UKRA 108. LEC.

UKRA 208. Intermediate Ukrainian II. 3 Hours. U.
Second semester. Continuation of UKRA 204. Prerequisite: UKRA 204. LEC.

UKRA 512. Intensive Ukrainian Language and Culture I. 3 Hours. U.
A practical Ukrainian language course involving advanced study of the grammar, conversation, composition. Reading of texts on a variety of subjects (culture, literature, history, folklore etc.), taught in Ukrainian. Prerequisite: Three years of a Slavic language or permission of instructor. LEC.

UKRA 516. Intensive Ukrainian Language and Culture II. 3 Hours. U.
A practical Ukrainian language course involving advanced study of the grammar, conversation, composition. Reading of texts on a variety of subjects (culture, literature, history, folklore etc.), taught in Ukrainian. Prerequisite: Three years of a Slavic language or permission of instructor. LEC.

UKRA 675. Readings in Ukrainian Language. 1-6 Hours. H.
Directed individual readings on various topics concerning the Ukrainian language. Prerequisite: Two years of Ukrainian. IND.

YDSH 104. Elementary Yiddish I. 5 Hours. U.
Essentials of grammar, practice in speaking, reading, and writing Yiddish. Not open to native speakers of Yiddish. LEC.

YDSH 108. Elementary Yiddish II. 5 Hours. U.
Continuation of grammar, practice in conversation, composition, and reading. Not open to native speakers of Yiddish. Prerequisite: YDSH 104 or equivalent. LEC.

YDSH 177. First Year Seminar: _____, 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Yiddish. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

YDSH 212. Intermediate Yiddish I. 3 Hours. U.
Structured grammar review, composition, conversation, with readings of literary and cultural texts. Not open to native speakers of Yiddish. Prerequisite: YDSH 108 or equivalent. LEC.

YDSH 216. Intermediate Yiddish II. 3 Hours. U.
A continuation of YDSH 212. Structured grammar review, composition, conversation, with readings of literary and cultural texts. Not open to native speakers of Yiddish. Prerequisite: YDSH 212 or equivalent. LEC.

YDSH 300. Studies in Yiddish: _____, 3 Hours. H.
Examination of special topics in Yiddish. May be repeated if topic varies. LEC.
Sociology Courses

SOC 104. Elements of Sociology. 3 Hours. SC AE41/GE11/GE3S / S.
The study of social life, including how human groups are organized, how they change, and how they influence individuals. Consideration is given to a variety of human organizations and social institutions and how these groups and institutions both determine, and are determined by, human beings. This course may not be taken for credit by those who have taken SOC 304. LEC.

SOC 105. Elements of Sociology, Honors. 3 Hours. SC AE41/GE11/GE3S / S.
The study of social life, including how human groups are organized, how they change, and how they influence individuals. Consideration is given to a variety of human organizations and social institutions and how these groups and institutions both determine, and are determined by, human beings. Open only to students on dean's honor roll or enrolled in Honors Program, or consent of instructor. May not be taken by those who also have credit for SOC 304. LEC.

SOC 110. American Identities. 3 Hours. SC AE41/GE3S / S.
An interdisciplinary introduction to individual and group identities over time. Students explore theories and methods relating to identity from various perspectives, such as race, class, gender, sexuality, age, religion, and region. Not open to students who have taken AMS 112 or SOC 112. (Same as AMS 110.) LEC.

SOC 112. American Identities, Honors. 3 Hours. SC AE41/GE3S / S.
An interdisciplinary introduction to individual and group identities over time. Students explore theories and methods relating to identity from various perspectives, such as race, class, gender, sexuality, age, religion, and region. Not open to students who have taken AMS 110 or SOC 110. (Same as AMS 112.) Prerequisite: Membership in the University Honors Program or approval by the American Studies Program. LEC.

SOC 130. Comparative Societies. 3 Hours. NW AE42 / S/W.
Description and analysis of the culture, structure, and development of societies that are historically unrelated to the traditions of Western civilization. LEC.

SOC 131. Comparative Societies, Honors. 3 Hours. NW AE42 / S.
Description and analysis of the culture, structure, and development of societies that are historically unrelated to the traditions of Western Civilization. Open only to students enrolled in the University Honors program or by consent of instructor. May not be taken by students who have credit in SOC 130. LEC.

SOC 132. American Society, Honors. 3 Hours. SC / S.
The social structure and organization of American society with special reference to long-term and recent social changes. Not open to students who have credit for AMS 330 or SOC 330. Open to College honors students, students on the dean's honor roll, and by permission of the department. LEC.

SOC 150. Self and Society. 3 Hours. SI AE51/GE11 / S.
Discusses the way our identities, values, and behavior have been and continue to be shaped by social and situational factors. Attention is paid to the influence of factors like language, culture, social roles, specific social institutions, and broad structures of inequality and power on how we see ourselves and others. May not be taken by anyone who has completed SOC 305 or its equivalent. LEC.

SOC 151. Self and Society, Honors. 3 Hours. SI / S.
Discusses the way our identities, values, and behavior have been and continue to be shaped by social and situational factors. Attention will be paid to the influence of factors like language and culture, social roles, specific social institutions, and broad structures of inequality and power on how we see ourselves and others. This course may not be taken for credit by those who have taken SOC 305. Open only to students admitted to the University Honors Program or by consent of instructor. LEC.

SOC 160. Social Problems and American Values. 3 Hours. SF AE41/AE51/GE11 / S.
This course is designed to explore competing explanations for the causes of, and cures for, the enduring problems of American society. The course critically analyzes dominant definitions of social problems, the political and economic roots of these problems, and the public policies aimed at reducing them. May not be taken by anyone who has already completed SOC 306 or its equivalent. LEC.

SOC 161. Social Problems and American Values, Honors. 3 Hours. SF / S.
Explores competing explanations for the causes of, and cures for, the enduring problems of American society. Critically analyzes dominant definitions of social problems, the political and economic roots of these problems, and the public policies aimed at reducing them. This course may not be taken for credit by those who have taken SOC 160 or SOC 306. Open only to students admitted to the University Honors Program or by consent of instructor. LEC.

SOC 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Sociology. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

SOC 220. Sociology of Families. 3 Hours. SC AE41/GE3S / S.
Analysis of the family as a social institution primarily in the U.S. context. Topics considered are: current and historical changes in how the family is constituted, contrasting sociological theories of family relationships, sexuality in relation to family life, the coexistence of love and hate in families, family dissolution and reformation, and the care of children. A key theme is diversity: social class, gender, race/ethnicity, and age. May not be taken by anyone who has already taken SOC 308 or its equivalent. LEC.

SOC 230. Introduction to Social Inequality in the U.S.. 3 Hours. S.
By the end of this course, students will be able to describe the major dimensions of inequality in the U.S. (including race, class, and gender), understand the structural basis of inequality, critically assess how inequality exists in major social institutions, and understand how inequalities in race, class, and gender shape social interaction. LEC.

SOC 260. America's Latinos/Latinas. 3 Hours. U.
An introduction to the Latino/a population (Mexican-Americans, Puerto Ricans, Cuban-Americans, Dominican-Americans, and Central and South Americans) in the US. Students discuss how US and Latin American societies have shaped Latino incorporation into the United States. We also discuss contemporary political, cultural, and social issues that pertain to Latinos/as in the US. (Same as AMS 260) LEC.

SOC 273. Women in Society. 3 Hours. S.
A sociological exploration of the image and status of women in society, including family, work, and politics. Socialization, education, and the
women’s movement are also analyzed. Includes an introduction to feminist theories in sociology. LEC.

**SOC 295. Study Abroad Topics in:** 1-6 Hours. S.

This course is designed for the study of special topics in Sociology at the freshman/sophomore level. Course work must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. No more than 6 hours of SOC 295 or SOC 495 may count towards the Sociology major or minor. LEC.

**SOC 304. Principles of Sociology.** 3 Hours. SC AE41/GE11/GE3S / S.

An introduction to sociological concepts, methods, and substantive findings more intensive than that provided in SOC 104. Students may take this course in lieu of SOC 104 to satisfy requirements for the major and the minor. This course may not be taken for credit by those who have taken SOC 104. LEC.

**SOC 305. Principles of Self and Society.** 3 Hours. SI GE11 / S.

Discusses the way our identities, values, and behavior have been and continue to be shaped by social and situational factors. Attention is paid to the influence of factors like language, culture, social roles, specific social institutions, and broad structures of inequality and power on how we see ourselves and others. This course provides a more intensive coverage of the subject matter than that provided in SOC 150. May not be taken by anyone who has already taken SOC 150 or its equivalent. LEC.

**SOC 306. Principles of Social Problems.** 3 Hours. SF / S.

This course is designed to explore competing explanations for the causes of, and cures for, the enduring problems of American society. The course critically analyzes dominant definitions of social problems, the political and economic roots of these problems, and the public policies aimed at reducing them. This course provides a more intensive coverage of the subject matter than that provided in SOC 160. May not be taken by anyone who has already completed SOC 160 or its equivalent. LEC.

**SOC 308. Principles of Family Sociology.** 3 Hours. SC / S.

Analysis of the family as a social institution primarily in the U.S. context. Topics considered are: current and historical changes in how the family is constituted, contrasting sociological theories of family relationships, sexuality in relation to family life, the coexistence of love and hate in families, family dissolution and reformation, and the care of children. A key theme is diversity: social class, gender, race/ethnicity, and age. This course provides a more intensive coverage of the subject matter than that provided in SOC 220. May not be taken by anyone who has already taken SOC 220 or its equivalent. LEC.

**SOC 310. Introduction to Social Research.** 3 Hours. S.

An introduction to the nature and methods of social research. Topics may include: hypothesis formulation and testing; how to design a research project, collect and analyze data; elementary statistical procedures; and ethical issues. Prerequisite: Six hours of Sociology credit, including Sociology 104. A minimum GPA of 2.3 in all SOC courses is strongly recommended for students planning to enroll in this course. LEC.

**SOC 312. Population and Society.** 3 Hours. AE41 / S.

An examination of the causes and consequences of population change in the United States and around the world with special focus on the impact of changes in populations on social institutions. We use social demographic perspectives to explore patterns of birth, illness, death, population concentration, population migration and immigration, and changes in these over time. Prerequisite: One of the following: SOC 104, SOC 110, SOC 150, SOC 160, or SOC 220. LEC.

**SOC 320. Organizations in Society.** 3 Hours. S.

An analysis of complex organizations in modern societies. Attention is given to the rise of bureaucracy in business and government; the way organizations influence and respond to their social cultural environments; and the various roles that individuals play in organizations. Prerequisite: A principal course in sociology. LEC.

**SOC 326. Health, Gender, and Society.** 3 Hours. S.

Comparative examination of the health status of men and women in relation to key elements of contemporary societies, including not only medicine and health care services, but also systems of social inequality and stratification, cultural constructions of gender, and social policies. Emphasis will be placed on the U.S.; however, the course also will provide international comparisons and an overall global context. LEC.

**SOC 330. American Society.** 3 Hours. AE41 / S.

The social structure and organization of American society with special reference to long-term and recent social changes. (Same as AMS 330.) Not open to students with credit for SOC 132. Prerequisite: A principal course in sociology. LEC.

**SOC 332. The United States in Global Context.** 3 Hours. AE42 / S.

Examines the influence abroad of US culture, policies and practices and the impact of other countries on US culture, society, and politics. Among the topics that may be examined are race, ethnicity, colonialism, imperialism, migration, technology, communications and media, popular culture, language, health, domestic and transnational organizations, as well as economic, political, religious, military and educational institutions. (Same as AMS 332). LEC.

**SOC 340. The Community.** 3 Hours. S.

Structures, functions, and processes of change in local communities; interrelations of towns and small cities with rural areas and metropolitan centers with their hinterlands. Prerequisite: A principal course in sociology or ANTH 108 or ANTH 308. LEC.

**SOC 341. Urban Sociology.** 3 Hours. S.

Examination of the process of urbanization in modern societies, including the size, growth, functions, and ecology of cities and systems of cities; such urban social institutions as the economy, politics, and the family; and major contemporary urban policies and problems. Each topic will be analyzed from several sociological perspectives. Prerequisite: A principal course in sociology. LEC.

**SOC 342. Sociology of Immigration.** 3 Hours. S.

International migration reshapes politics, economics, social relations, and racial/ethnic identities. Using the United States and other countries as case studies, we explore the variations among immigrant groups and their experiences in social institutions such as the family, religion, education, labor market, and government. We consider the influence of national origin, gender, class, and culture on immigration and reception experiences, as well as issues of assimilation, transnationalism and identity. Prerequisite: SOC 104. LEC.

**SOC 351. Africa Today.** 3 Hours. U.

An examination of Africa’s social dynamics. Topics considered include: the origins of modern African societies, nations, and states; family structures and values; ethnicity, gender relations and patriarchy; social, political, economic and cultural institutions; African exceptionalism; contemporary African social dynamics; transnational migration; HIV/AIDS; political transitions; and Africa’s place in the emerging global order. Prerequisite: SOC 104. LEC.

**SOC 352. Sociology of Sex Roles.** 3 Hours. S.

An examination of sex roles, sex stereotypes, and major issues involved in sex-role research. Emphasizes explanations of inequality between American males and females in the family and at work. The course is designed around lectures, panels, workshops, and films. LEC.
SOC 360. Sociology of Social Control. 3 Hours. S.
This course examines changing methods of social control in society. Social control can be formal (e.g., law and criminal justice system) or informal (e.g., families, peer groups). This course examines the ways that we, as a society, attempt to respond to matters such as deviance, illness, crime, and poverty. This course will survey the many varieties of formal and informal social control faced by individuals in society, and the ways in which individuals resist and conform to various disciplinary and control regimes. Prerequisite: a principal course in Sociology. LEC.

SOC 364. Society, Popular Culture, and the Media. 3 Hours. S.
An overview of sociological theory and research on culture created and distributed through the mass media and its role in shaping our common sense interpretations of our daily lives. Topics include the social organization of the media, the relation between popular culture and the media, themes communicated in various elements of popular culture, and how various groups interpret cultural messages and incorporate them in their lives. LEC.

SOC 365. Society, Popular Culture, and the Media, Honors. 3 Hours. S.
Similar in content to SOC 364. An overview of sociological theory and research on culture created and distributed through the mass media and its role in shaping our common sense interpretations of our daily lives. Topics include the social organization of the media, the relation between popular culture and the media, themes communicated in various elements of popular culture, and how various groups interpret cultural messages and incorporate them in their lives. Prerequisite: Membership in the University Honors Program or consent of instructor. LEC.

SOC 370. Conflict Resolution. 3 Hours. S.
This course is an introduction to the field of conflict resolution. Collaborative approaches to dealing with conflict will be examined from the micro, interpersonal group level to the macro, organizational level. The causes and consequences of conflict will be presented as well as problem solving techniques for the resolution of conflict in social groups. LEC.

SOC 371. Marginal Groups and Subcultures. 3 Hours. S.
The sociological study of groups that differ from the mainstream practices of their societies and of conditions affecting their careers. The primary objectives are to introduce and analytically apply sociological conceptualizations of groups, group careers, group mainstream interactions, and participant orientations. The principal cases examined are the Hutterites, the Shakers, and the Oneida Community, supplemented by briefer analyses of a variety of other groups. Questions concerning the formation, organization, processes, participants, and transformations of groups are emphasized. LEC.

SOC 385. Environmental Sociology. 3 Hours. S.
This course invites students to study society and its impact on the environment. Environmental problems are social problems. This course will address such items as social paradigms, theories, inequalities, movements, and research. (Same as EVRN 385.) LEC.

SOC 410. Sociology of Death and Dying. 3 Hours. S.
This course covers theoretical, practical, cross-cultural and historical aspects of death and dying. Social, psychological, biomedical, economic and legal issues surrounding death and dying are explored. Students examine their own ideas, feelings, and attitudes towards death and dying, and reflect on the origins and significance of those beliefs. Prerequisite: Junior or Senior Standing. LEC.

SOC 420. Armed Forces and Society. 3 Hours. U.
Examines the military as a social institution. Students analyze both the internal organization and practices of the armed forces and the relationships between the military and other social institutions. It considers the historical forces that have shaped the present. Thus, past events and policies as well as current ones are covered in the course. The primary focus of this course is on the American military and its relationship to American society, but considers the armed forces of other societies. Prerequisite: SOC 104 or permission of instructor. LEC.

SOC 424. Sociology of Health and Medicine. 3 Hours. S.
This introductory course in medical sociology examines how social factors influence health and the organization of medical services. Students explore the distribution and experiences of illnesses across key social categories (e.g., gender, social class, etc.) The course also addresses contemporary issues in health and medicine, such as how health care systems vary cross-nationally, the training of health care workers, patient-physician relationships, and the use of medical technologies. LEC.

SOC 427. School and Society. 3 Hours. S.
This course examines education as a social institution and the reciprocal relationship between schools and society. It focuses particularly on the relationship between education and inequality and on education in the U.S., but also includes international comparisons. LEC.

SOC 450. Gender and Society. 3 Hours. AE41 / S.
An overview of sociological theory and research on the social practices constructing men and women as “opposites” and creating systematic inequality between them in class-, race-, and nation-specific ways. We consider arguments and evidence that gender is something we are, something we do, a part of every social institution, and a major aspect of how we are organized as a society. LEC.

SOC 454. Women and Work. 3 Hours. S.
Sociological investigation of women’s changing relationship to paid and unpaid labor in the economy and the family. Several theories are compared in these contexts: Characteristics of employed women, including occupational distribution and pay; women’s experiences in “traditional” and “nontraditional” occupations, including professions and management; socialization and education for employment; integration of marriage, housework, and child care; anti-discriminatory laws and policies. Prerequisite: A principal course in Sociology. LEC.

SOC 490. Internship in Sociology. 3 Hours. AE61 / S.
The purpose of this course is to encourage students to think sociologically about social issues by working as volunteer interns for non-profit community or campus organizations. Enrollment must be approved by a faculty mentor and the departmental Undergraduate Studies Committee. For additional information go to the Sociology department website. Prerequisite: 21 credits in sociology with a 3.0 GPA and permission of the instructor. FLD.

SOC 495. Study Abroad Advanced Topics in: ______. 1-6 Hours. S.
This course is designed for the study of special topics in Sociology at the junior/senior level. Course work must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. No more than 6 hours of SOC 295 or SOC 495 may count towards the Sociology major or minor. LEC.

SOC 499. Honors Course. 3-6 Hours. AE61 / S.
Intensive study and research under faculty direction including the writing of a thesis. Enrollment may be split between two semesters, but no grade will be given until completion of the thesis. Admission to honors candidacy is open only to majors who have shown a marked capability for independent study and have completed either SOC 310 or SOC 500. IND.

SOC 500. Sociological Theory. 3 Hours. S.
An introduction to the principal texts in sociological theory and the ideas that made them important. Primary materials are emphasized, ranging from medieval to the current age. The goal of the course is to show continuity and change in the theoretical tradition of sociology, and to
demonstrate the continued importance of classical ideas. Prerequisite: SOC 104 or permission of instructor. LEC.

**SOC 510. Elementary Statistics and Data Analysis. 3 Hours. S.**
An introduction to social scientific data analysis, with an emphasis on descriptive and inferential statistics. Specific topics include sampling, measures of association and correlation, significance testing, the logic of causal inference, the use of computer programs for data analysis, multivariate analysis, and the critical evaluation of social science research findings. Prerequisite: SOC 310 and MATH 101, or instructor permission. LEC.

**SOC 519. Sociology of Global Food. 5 Hours. U.**
The Sociology of Global Food offers a critical examination of the global food system since the Industrial Revolution. Topics include the industrialization of agriculture, sustainable agriculture, and the role of food and agriculture in organizing society. This course discusses the emergence of current debates around food and agriculture including food activism, technological developments, human/environment relationships, and labor issues. There is a lab component to this course. (Same as EVRN 519.) Prerequisite: Junior standing. LEC.

**SOC 520. Groups and Associations. 3 Hours. S.**
A comparative study of groups, associations, and institutions as types of social systems with special attention to structural characteristics and organizational processes; the nature of membership and leadership, including recruitment, selection and training; the social position, relationship, and function of these groups in communities and societies. Prerequisite: A principal course in sociology. LEC.

**SOC 521. Wealth, Power, and Inequality. 3 Hours. AE41 / S.**
This class focuses on economic inequality and the political and social forces that create and sustain it in the United States and internationally. The variables of race, ethnicity, status, and gender are analyzed as they relate to the differences in the distribution of wealth and power, and attention is paid to how these multiple variables shape opportunities. LEC.

**SOC 522. American Racial and Ethnic Relations. 3 Hours. AE41 / S.**
Analysis of the basic sociological concepts that apply to majoritarian/minority relations; with special emphasis on racial and ethnic interaction in the United States. (Same as AMS 522.) Prerequisite: A principal course in sociology. LEC.

**SOC 523. Sociology of Aging and the Life Course. 3 Hours. AE41 / S.**
An advanced survey of theory and research in social gerontology, giving primary attention to aging and the aged as affected by social organization, including such social institutions as familial, economic, political, and health care; organizational processes such as social stratification; and living environments including community and housing. In these contexts, certain demographic, cross-cultural, social-psychological, and physiological aspects of aging will also be considered. Prerequisite: A principal course in sociology. LEC.

**SOC 524. Sociology of the Economy. 3 Hours. S.**
An analysis of the social organization of production with attention being given to such topics as: world economic crises and their social bases, capitalist and socialist economies, primitive and advanced economic systems, multinational corporations, the nature of housework, and the transformation of economic systems. Prerequisite: A principal course in sociology. LEC.

**SOC 525. Sociology of Work. 3 Hours. S.**
A consideration of problems in the conceptual and empirical definition of occupations and professions. It will involve the examination of the process of professionalization, the differentiation and integration of labor, career patterns, the work situation, the study of leisure, and the social consequences of changes in occupations and professions. Prerequisite: A principal course in sociology. LEC.

**SOC 529. Globalization. 3 Hours. S.**
Addresses sociological aspects of the growth of transnational economic, cultural, institutional, and political interconnections, the freer and faster movement of goods, images, ideas, people, and institutional forms across national borders, and the consequences and problems of these processes. The focus is on recent (later 20th century to the present) global restructuring in the context of historical shifts in capitalist development. Prerequisite: SOC 104. LEC.

**SOC 530. Industrial Revolution and Capitalist Development. 3 Hours. S.**
Focuses on the social forces that generated industrial capitalism. Emphasis will be on comparative social structures and their meaning for the nature and quality of life. The transformation from medieval to mercantilist to industrial capitalism will be analyzed in detail. Possibilities of post-industrial society will be discussed. This course will consider exclusively Western development. Prerequisite: A principal course in sociology. LEC.

**SOC 531. Global Social Change. 3 Hours. S.**
Comparative study of social, economic, political, and ideological factors influencing global social change, and analysis of different theoretical orientations related to social change in various societies. Prerequisite: A principal course in Sociology. LEC.

**SOC 532. Sociology of the Middle East. 3 Hours. NW AE42/AE61 / S.**
The sociological analysis of social, historical, and contemporary issues pertaining to the Middle East and to relations between the Middle East and other regions of the world. We use sociological theoretical perspectives to address such topics as nationalism and identity; religion, race and ethnicity; gender, socioeconomic development, and sociopolitical and economic relations with the United States. Prerequisite: One of the following: SOC 104, SOC 110, SOC 150, SOC 160, or SOC 220. LEC.

**SOC 533. Industrialization in Developing Nations. 3 Hours. S.**
Comparative study of problems associated with industrialization in developing nations, including population problems, unemployment, social and welfare problems, and various political issues. Prerequisite: A principal course in sociology. LEC.

**SOC 534. Comparative Racial and Ethnic Relations. 3 Hours. NW AE42 / S.**
An examination of constructions of race and ethnicity around the world. Emphasis is on the social, political, historical, cultural and economic factors that lead to the creation of ethnic and racial identities, ethnic conflict and accommodation, ethnic movements, and ethnic political organization. Racial and ethnic relations in the U.S. are compared with other countries. Major focus is placed on ethnicity in Africa, Asia, Latin America, the Caribbean and/or the Middle East. (Same as AAAS 510 and AMS 534.) LEC.

**SOC 535. Gender in the Global Context. 3 Hours. S.**
This course examines gender roles and identity in the global context and focuses specifically on historical comparative analysis of women’s participation in—and impact on—social, political, economic, and cultural aspects of their communities and nations. Major emphasis will be placed on women in Africa, Asia, Latin America, and the Middle East. Prerequisite: A principal course in Sociology. LEC.

**SOC 536. Ethnicity in the United States: ______. 3 Hours. AE41 / S.**
An examination of the history, sociology, and culture of U.S. ethnic categories (e.g., American Indians, Latinos, Asian Americans, Jewish Americans, Irish Americans). The specific group studied varies from semester to semester. Course may be repeated for credit. (Same as AMS
SOC 560. Law and Criminal Justice. 3 Hours. S.
An analysis of the sources and procedures of development of the criminal law and analysis of the practices of law enforcement, prosecution, and judicial action, principally in the United States. Prerequisite: A principal course in sociology. LEC.

SOC 561. Sociology of Deviance. 3 Hours. S.
General analysis of the ways in which individuals and actions come to be defined as deviant in a society, including the political, economic, social, and cultural processes of labeling, rulemaking, and rule breaking; Why are some acts and groups considered deviant at some points in time and in some places, but not in others? Prerequisite: A principal course in sociology. LEC.

SOC 562. Sociology of Law. 3 Hours. S.
A survey of the effects of social structure, societal values, and social change upon the creation and alteration of law. Various perspectives from the social sciences will be employed in the introductory examination of the general place of law in societies. The emphasis of the course will be on the sociological analysis of law in Western history as well as the present. Prerequisite: A principal course in sociology. LEC.

SOC 570. Social Conflict. 3 Hours. S.
The nature of social conflict, with special emphasis on the more persistent conflict areas of modern social life such as industrial, racial, religious, and national conflicts. Prerequisite: A principal course in sociology. LEC.

SOC 571. Collective Behavior. 3 Hours. S.
An analysis of such collective phenomena as crowd behavior, social epidemics, fads, fashions, popular crazes, and mass movements; the nature of the public; functional analysis of public opinion; the problems of democracy as viewed from the standpoint of organizing collective action. Prerequisite: A principal course in sociology. LEC.

SOC 572. Dispute Settlement. 3 Hours. S.
Processes of negotiation and mediation in settling disputes in communities and organizations over controversial issues, policies, and decisions. Knowledge of skills are developed through studying theories and research findings, and by case analysis, role playing, and simulation. LEC.

SOC 573. Sociology of Violence. 3 Hours. S.
This course will examine violence in social and political life. The causes and consequences of various types of violence will be examined in a variety of social settings. Examples include violence in the family, schools, the workplace, violence in cities, and violence as a part of the political process: assassination, revolution, coups, terrorism, and government repression. Prerequisite: A principal course in sociology. LEC.

SOC 590. Sociology in the Community. 3 Hours. S.
The purpose of this course is to encourage students to develop their understanding of the relationship between individual biography and social organization while they contribute to their community by working as volunteers in non-profit community or campus organizations. Not open to students who have completed SOC 490. Prerequisite: SOC 310 and SOC 510. LEC.

SOC 598. Practicum in Crime and Delinquency Studies. 3-6 Hours. S.
A one- or two-semester course in which students are provided the opportunity, as interns, to gain practical experience working in the criminal justice system agency. A report in the format of a research paper is required at the conclusion of the practicum. Open only to Crime and Delinquency Studies majors. Prerequisite: Consent of the instructor. FLD.

SOC 600. Sociological Perspectives: _. 3 Hours. S.
Analysis of various sociological perspectives and/or the application of various perspectives to a given social phenomenon. May be repeated as topics vary. Prerequisite: A principal course in sociology. LEC.

SOC 601. Introduction to Feminist Social Theory. 3 Hours. S.
Feminist theories accord a central role to gender and the oppression of women in developing an analysis of social life. This course will explore and evaluate accounts of social structure, social processes, and consciousness developed from a feminist perspective. A broad range of theoretical models will be presented, drawing on liberal, historical materialist, psychoanalytical, cultural, and Black feminist theories. Prerequisite: A principal course in Sociology and at least junior standing. LEC.

SOC 610. Survey Research. 3 Hours. S.
Methods and techniques of collecting and analyzing social data obtained by interviewing a sample of the population. Practice through field work and laboratory analysis. LEC.

SOC 615. Techniques of Demographic Analysis. 4 Hours. U.
Examines concepts of demographic measurement and analysis for the study of changes in size, composition and distribution of populations. Students learn to measure and analyze basic population components such as fertility, mortality, migration and health using rates, standardization, decomposition of differences and life tables. Provides an opportunity to develop quantitative skills in the context of human life course processes that might be extended to include the study of employment, incarceration, education and other phenomena. Involves some reliance on calculus, substantial use of statistical software and an extended research project. Course includes a laboratory component. Prerequisite: SOC 510 or equivalent, or permission of instructor. LEC.

SOC 617. Women and Health Care. 3 Hours. S.
Critical analysis of the current health status and health needs of women, exploring how lay, medical, and research assumptions have influenced both the clinical/scientific literature and the organization of health services. The course includes a focus on historical patterns in women's health issues and social change actions. (Same as HPM 620.) LEC.

SOC 619. Political Sociology. 3 Hours. S.
The study of politics and society in the United States and abroad, including power and authority-who has them, how are they acquired, when are they challenged; state formation, the expansion of central governments, and patterns of political domination; political and nationalist movements; the politics of gender, class, race, and ethnicity; political culture and ideology; ethnic and nationalist conflict; revolution and political change. Prerequisite: A principal course in sociology or consent of instructor. LEC.

SOC 620. Social Organization. 3 Hours. S.
Comparative analysis of social organization in simple and complex societies. Consideration of the process of differentiation, specialization, institutionalization, and change, with special attention given to the emergence of intergroup and interorganizational forms of social organization typical of complex societies. Prerequisite: A principal course in sociology. LEC.

SOC 621. Cross-Cultural Sociology. 3 Hours. NW AE42/GE3H/GE3S / S.
A systematic introduction to cross-cultural issues from the standpoint of sociology, designed to acquaint students with the full range of substantive and methodological issues that arise in comparative sociological inquiry, with a primary focus on non-western societies. Specific topics to be addressed may include war and peace, stratification and inequality, race and ethnicity, and political authority and power, all viewed in the light of
cross-cultural research and theory. Prerequisite: A previous Sociology course or consent of instructor. LEC.

SOC 622. Sociology of Science. 3 Hours. S.
The social roles of science in relation to other institutions, to technology, and to social change; and, within the scientific community, enculturation, information-flow, creativity, decision-making, administration, and leadership. Prerequisite: A principal course in sociology. LEC.

SOC 625. Work Roles in Health and Medicine. 3 Hours. S.
A sociological examination of medical and health-care occupations and professions. The selection of careers, socialization processes, and the development of professional identities. Interactions among practitioners, health-care teams, consumers, and professional and community power structures. Control and coordination of work. The impact of increasing specialization and changes in the demographic makeup of client and professional populations. Coping with medical failure and other problems inherent in medical and health-care work. LEC.

SOC 626. Religion and Society. 3 Hours. S.
A comparative study of the nature of religion in human societies both primitive and civilized; the functioning of religion for the community and the individual; the analysis of belief, myths, rituals, sacred attitudes, cults, religious movements, and church organization. Prerequisite: A principal course in sociology or ANTH 108 or ANTH 308. LEC.

SOC 628. Families and Social Inequalities. 3 Hours. S.
This course examines families in the context of social inequalities based on race-ethnicity, social class, gender, and sexuality. It analyzes the link between family diversity and social inequalities in the U.S. and elsewhere and theorizes families using a critical lens that focuses on social policies and power relations that perpetuate social inequalities. We also explore the growing complexities of families and how they affect and are affected by other social institutions, especially the labor market. Prerequisite: SOC 220 or consent of instructor. LEC.

SOC 629. Sociology of Sport. 3 Hours. S.
Examination of organized sport as a social institution and its relation to other social institutions (e.g., political, economic, educational, and religious), with special emphasis on American society. Analysis of the social correlates of sports participation and a consideration of the role of sport in social change. (Same as AMS 629.) Prerequisite: A principal course in sociology. LEC.

SOC 630. Latin American Society. 3 Hours. S/W.
Aspects of the social organization of main Latin American nations, including, e.g., race/ethnicity, social class, gender, urbanization, socioeconomic development, revolution, and relations with the U.S. Emphasis on sociological theories of Latin American development. Prerequisite: A principal course in Sociology or ANTH 108 or ANTH 308, plus junior-senior or graduate standing. LEC.

SOC 634. The Sociology of Culture. 3 Hours. S.
An introduction to a branch of sociology, mainly European in origin, that considers the relation between social structure and "high" and "mass" culture. Specific theories of these relations will be applied to works of literature, the fine arts, or music. Some preliminary acquaintance with these subjects is desirable but not mandatory for admission to the course. LEC.

SOC 640. Political Islam. 3 Hours. NW AE42/AE51 / S.
This course gives students a basic understanding of Islam and Islamic movements, explores the economic, social, political, and cultural context in which these movements take place, and examines the impact of Islam on politics in select countries. Issues such as compatibility of political Islam and democratic politics, political economy in Muslim societies, fundamentalism in Islam, gender relations, identity politics and questions on clash of civilizations are explored. (Same as POLS 667). Prerequisite: A principal course in sociology, POLS 150, or consent of instructor. LEC.

SOC 650. Transnational Migration. 3 Hours. S.
A historically-conscious, sociological exploration of political, cultural and health issues involved in transnational migration, this course examines the student to situate current transnational migration within specific historical social processes within both postcolonial Africa and the postcolonial West. The course examines parallels from the experience of migration in other parts of the world, specifically Asia and Latin America. The aim is an understanding and appreciation of both the interconnectedness of the world's peoples and, crucially, of the world's histories. Prerequisite: SOC 104. LEC.

SOC 660. Sociology of Mental Illness. 3 Hours. S.
The sociology of mental illness concerns itself with the study of mental disorders as social phenomena. The course will be concerned with (1) the social factors and social processes that contribute to mental disorders, (2) the social definitions of mental disorders as forms of social deviance, (3) the social facets in the treatment and care of disordered persons, and (4) the social aspects of the prevention of mental disorders. Prerequisite: A principal course in sociology. LEC.

SOC 661. Causation of Crime and Delinquency. 3 Hours. S.
Legal systems for handling offenders and the development of the laws creating these systems. Emphasis on the various parts (police, courts, probation, penal institutions, and parole) of the system will vary. Prerequisite: A principal course in sociology. LEC.

SOC 662. Corrections. 3 Hours. S.
Social movements as collective action to establish forms of social organization; consideration of reform, revolutionary, sectarian and fashion movements; ideology, esprit de corps, morale and leadership as factors in development and organization. Prerequisite: A principal course in sociology. LEC.

SOC 667. Social Movements. 3 Hours. S.
Social movements as collective action to establish forms of social organization; consideration of reform, revolutionary, sectarian and fashion movements; ideology, esprit de corps, morale and leadership as factors in development and organization. Prerequisite: A principal course in sociology. LEC.

SOC 668. Individual Undergraduate Research. 1-12 Hours. AE61 / S.
Library or field research either as part of an ongoing project or as an independent study project. One to twelve hours. May be taken from one or more faculty during one or more semesters, the total hours not to exceed 12. No more than 3 credits may be applied to satisfy requirements for the sociology major. Prerequisite: Two courses in sociology and consent of instructor. IND.

SOC 669. Capstone in Sociology. 3 Hours. AE61 / S.
In this capstone course, students synthesize the knowledge gained in their substantive courses and use the skills developed in their methodology courses to design and conduct a research project on a current social issue or meeting the research needs of a local community group. The outcome will be a professional quality research report. Prerequisite: SOC 510. LEC.
SOC 707. Seminar in Historical Sociology. 1-4 Hours.
Each seminar will explore problems at the intersection of sociology and history. Topic, instructors, and hours of credit will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics and students may take more than one topic. No prerequisite. LEC.

SOC 722. Sociology of Gender. 3 Hours.
This course will offer a range of sociological perspectives on the role of gender in society. The particular substantive focus will vary each semester to allow flexibility for in-depth analysis of gender relationships in such areas as politics, health and aging, and work. LEC.

SOC 760. Social Inequality. 3 Hours.
A comprehensive review of the major theoretical and empirical approaches used in the study of institutionalized social inequality. Reference to the origins, forms, cultural and structural variations and their changes over time, consequences and ideologies of social inequality. Prerequisite: A distribution course in sociology. LEC.

SOC 762. Seminar in Social Deviation and Control: ______. 3 Hours.
Advanced study of theory and practice relating to deviation. May be repeated as topics vary. Prerequisite: SOC 662 or SOC 661. LEC.

SOC 767. Gerontology Proseminar. 3 Hours.
A proseminar coordinated by the Gerontology Center. The proseminar explores essential areas of gerontology for researchers and practitioners, providing a multidisciplinary (psychology, biology, sociology, and communication) perspective on aging. The proseminar surveys contemporary basic and applied research, service programs, and policy and management issues in gerontology. (Same as ABSC 787, AMS 767, COMS 787, and PSYC 787.) (Formerly HDFL 787.) LEC.

SOC 770. Social Systems and Social Change in the United States. 3 Hours.
Analysis of approaches to the study of sociocultural change in America, with special emphasis on a systems perspective. Seniors by consent of instructor. LEC.

SOC 771. Intergroup Relations and Conflict in American Society. 3 Hours.
Analysis of the dynamics of intergroup relations (e.g., class, religious, ethnic, racial, political) in America with special emphasis on the examination of major theoretical and empirical approaches employed in the study of societal conflict and consensus. LEC.

SOC 780. Advanced Topics in Sociology: ______. 3 Hours.
Topics will vary from semester to semester and instructor to instructor to allow flexibility for in-depth analysis of particular topics. LEC.

SOC 790. Proseminar. 3 Hours.
Introduction to major disciplinary issues, departmental research specialties, faculty research interests, interdisciplinary connections, funding sources, and professional writing. Required of M.A. students entering the graduate program in sociology. May not be taken by those who have credit for SOC 990. Graded on satisfactory/unsatisfactory basis. LEC.

SOC 801. The Rise of Social Theory. 3 Hours.
This is less a survey of intellectual history than an effort to trace the "preclassical" roots of sociological theory. We explore the rise of paradigmatic concerns in the writings of such key figures as Aristotle, Marsilius of Padua, Martin Luther, Etienne de la Boetie, Michel de Montaigne, Charles de Montesquieu, Jean-Jacques Rousseau, Immanuel Kant, G.W.F. Hegel, Flora Tristan, and Ludwig Feuerbach, among others. LEC.

SOC 802. Modern Social Theory. 3 Hours.
This seminar will focus on the later 19th and early 20th century "theories of society," addressing the origins and developmental tendencies of Western modernity and their relation to premodern social orders. Primary texts of the major theorists (eg. Marx, Durkheim, Nietzsche, Weber, Simmel, and Mead) will be studied in historical context. The tradition's analytical and critical resources and problematic features will also be explored. Finally, the connections between this tradition and contemporary sociological approaches will be explored. LEC.

SOC 803. Issues in Contemporary Theory: ______. 3 Hours.
A critical examination of recent trends and debates in sociological theory. This is a thematically oriented course in which classical as well as contemporary views will be explored. Attention will be directed to theoretical issues under discussion in fields such as symbolic interactionism, semiology, ethnography, cultural, and Black feminist theories. Some of the readings will focus on limitations and distortions within mainstream social theory; others will center on the development of alternative social theory using the standpoint of women as a point of departure. LEC.

SOC 804. Sociology of Knowledge. 3 Hours.
This course reviews the major sociological approaches to the study of the relationship between thought and the social context within which it arises. A central concern is an examination of the relationship between ideology and social structures, particularly as expressed in the construction of official knowledge. LEC.

SOC 808. Feminist Theories. 3 Hours.
This course will explore and evaluate accounts of social structure, social processes, and consciousness developed in the feminist literature. We will review a range of theoretical arguments, including liberal, historical, materialist, psychoanalytic, cultural, and Black feminist theories. Some of the readings will focus on limitations and distortions within mainstream social theory; others will center on the development of alternative social theory using the standpoint of women as a point of departure. LEC.

SOC 810. Sociological Inquiry. 3 Hours.
The goals of this course are to understand the characteristics of sociologically interesting and rigorous research and to design a research proposal that shares those characteristics. The focus of students' proposals will be their M.A. thesis project. Students will read books and articles representing a variety of research approaches (ethnographies, surveys, interviews, document analyses, historical studies, comparative research, etc.), and will deconstruct them in order to understand their theoretical and methodological significance. Assignments will include a completed M.A. thesis proposal. LEC.

SOC 811. Sociological Research. 3 Hours.
The use of the scientific method to study social phenomena including: the formulation and testing of hypotheses; techniques for collecting data; measuring social variables; interpreting research findings; the relationship of theory and facts. Prerequisite: A distribution course in sociology. LEC.

SOC 812. Analytic Methods in Sociology. 3 Hours.
Consideration of quantitative methods of analysis including both parametric and non-parametric techniques. Prerequisite: A course in statistics. LEC.

SOC 813. Field Methods and Participant Observation. 3-5 Hours.
Will acquaint the student both theoretically and empirically with the procedures and logics of the research techniques employed by individuals or small research teams conducting qualitative fieldwork. Prerequisite: A distribution course in sociology. FLD.

SOC 814. Health Services Research: Epidemiology, Evaluation, and Survey Methods. 3 Hours.
Students learn the logic, assumptions, designs, and procedures involved in conducting the major types of research found in the health services field. Students develop an informed basis for critically evaluating the
methodological adequacy of research studies in the areas of descriptive and analytic epidemiology, program evaluation, and health-related survey research as well as working knowledge of the research process itself. Emphasis is placed on examining basic health services issues such as measuring quality of care, understanding the role of social factors in the etiology of disease, determining the health status and health needs of populations, and incorporating health services research into organizational policy and decision-making. LEC.

SOC 820. Political Sociology. 3 Hours.
This course offers an overview of the different perspectives and key arguments comprising the field of political sociology, including both classical and contemporary readings. The issues studied in this field include the nature of power and the nature of the state, relations between state and society, and social movements, political organization and civic participation, political culture, voting behavior, comparative political systems, warfare, democracy and economic development, citizenship, nationalism, revolutions, and globalization. LEC.

SOC 824. Health and Social Behavior. 3 Hours.
This course provides students with an analytic understanding of the organization, professional, and interpersonal behavior that characterizes contemporary health and health care. Emphasis is placed on examination and integration of conceptual frameworks theories, and research findings bearing on basic behavioral/managerial issues such as authority relations in health care settings, models of illness behavior and health services utilization, the impact of organizational structure on employee and client attitudes and behavior, and the culture of professional medicine in relation to patient care. LEC.

SOC 830. Latin American Society. 3 Hours.
Aspects of the social organization of main Latin American nations, including, e.g., race/ethnicity, social class, gender, urbanization, socioeconomic development, revolution, and relations with the U.S. Emphasis on sociological theories of Latin American development. Prerequisite: A principal course in sociology or ANTH 108 or ANTH 308, plus junior-senior or graduate student standing. LEC.

SOC 873. International Political Economy. 3 Hours.
Provides a broad survey of major developments in the field. Topics include the intellectual origins of international political economy; the historical evolution of the international system; North-South and Western trade, investment, and monetary relations; foreign aid, debt technology transfer, development, international economic institutions (e.g., International Monetary Funds, World Bank, Multinational Corporations, etc.). (Same as POLS 973.) LEC.

SOC 875. The Political Economy of Globalization. 3 Hours.
The course will acquaint students with recent developments in the global economy, including its impact on politics and society. Topics include theories of globalization, the role of the nation-state and international agencies in socioeconomic development, inequality from a global perspective, immigration and citizenship, globalization and democracy, and the rise of transnational social movements. LEC.

SOC 891. Individual Master’s Readings. 1-6 Hours.
Individual study of special topics or problems by students working on a master’s degree. RSH.

SOC 892. Teaching Seminar. 1-3 Hours.
Seminar on sociology course design and development. Topics covered include syllabus design, exam strategies and design, course design, content of and approaches to teaching introductory and other sociology courses, student grading and evaluation. Required of all teaching assistants assigned to courses in sociology. May not be repeated for credit toward graduate degree. LEC.

SOC 899. Thesis. 1-8 Hours.
THE.

SOC 900. Seminar on Special Topics in Theory: ______. 1-4 Hours.
Each seminar will explore problems of theory in sociology. Topic, instructor, and hours of credit will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics, and a student may take more than one topic. LEC.

SOC 910. Seminar on Special Topics in Methods: ______. 1-4 Hours.
Each seminar will explore problems of methods in sociology. Topic, instructor, and hours of credit will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics, and a student may take more than one topic. LEC.

SOC 920. Seminar on Special Topics in Social Organizations: ______. 1-4 Hours.
Each seminar will explore problems of social organization in sociology. Topic, instructor, and hours of credit will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics, and a student may take more than one topic. LEC.

SOC 930. Seminar on Special Topics in Comparative Studies: ______. 1-4 Hours.
Each seminar will explore problems of comparative studies in sociology. Topic, instructor, and hours of credit will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics, and a student may take more than one topic. LEC.

SOC 940. Seminar on Topics in Demography, Ecology, and Community: ______. 1-4 Hours.
Each seminar will explore problems of demography, ecology, and community in sociology. Topic, instructor, and credit hours will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics, and a student may take more than one topic. LEC.

SOC 950. Seminar on Special Topics in Social Psychology: ______. 1-4 Hours.
Each seminar will explore problems of social psychology in sociology. Topic, instructor, and hours of credit will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics, and a student may take more than one topic. LEC.

SOC 960. Seminar on Special Topics in Deviance and Social Problems: ______. 1-4 Hours.
Each seminar will explore problems of deviance and social problems in sociology. Topic, instructor, and hours of credit will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics, and a student may take more than one topic. LEC.

SOC 970. Seminar on Special Topics in Social Conflict and Change: ______. 1-4 Hours.
Each seminar will explore problems of social conflict and change in sociology. Topic, instructor, and hours of credit will be announced in the Schedule of Classes. Seminars will be offered by different instructors on different topics, and a student may take more than one topic. LEC.

SOC 980. Special Topics in Sociology: ______. 1-3 Hours.
Topics will vary by semester and instructor to allow flexibility for in-depth analysis of particular topics that do not fit into one of the other 900 level seminars. LEC.

SOC 991. Individual Doctoral Readings. 1-6 Hours.
Individual study of special topics or problems by students working on a doctorate. RSH.

SOC 999. Dissertation. 1-12 Hours.
THE.
Spanish Portuguese Courses

PORT 104. Elementary Brazilian Portuguese I. 5 Hours. U.
Five hours of class per week, plus supplementary work in language laboratory. Essentials of grammar, elementary syntax and composition, easy reading. Emphasis on conversation. LEC.

PORT 106. Elementary Brazilian Portuguese, Accelerated I. 3 Hours. U.
Three meetings weekly, plus supplementary work in language laboratory. Designed for students proficient in Spanish (or with previous work in Portuguese) to acquire proficiency in Portuguese more rapidly. Covers the same material as PORT 104. Prerequisite: SPAN 216 or equivalent. LEC.

PORT 108. Elementary Brazilian Portuguese II. 5 Hours. U.
Five hours of class per week plus supplementary work in language laboratory. A continuation of PORT 104. Prerequisite: PORT 104. LEC.

PORT 110. Elementary Brazilian Portuguese, Accelerated II. 3 Hours. U.
A continuation of PORT 106. Prerequisite: PORT 106. LEC.

PORT 177. First Year Seminar: ____. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Portuguese. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

PORT 212. Intermediate Brazilian Portuguese I. 3 Hours. U.
A review of Brazilian Portuguese grammar, with practice in reading, composition, and conversation through the study and discussion of Brazilian prose selections. Prerequisite: PORT 108 or PORT 110. LEC.

PORT 216. Intermediate Brazilian Portuguese II. 3 Hours. U.
A continuation of PORT 212. Prerequisite: PORT 212. LEC.

PORT 220. Intensive Intermediate Brazilian Portuguese. 3-6 Hours. U.
Five hours of class and an additional hour in the language laboratory. The course is designed for students who began the study of Portuguese in PORT 106 and PORT 110, and for superior students in PORT 104 and PORT 108. The material covered is the same as in PORT 212 and PORT 216. Prerequisite: PORT 110, PORT 108 with a grade of A or B, or consent of instructor. Open only to members of the Summer Language Institute in Vitoria-Vila Velha, Brazil. LEC.

PORT 300. Brazilian Culture. 3 Hours. HT AE42 / H.
Prehistoric and colonial Portuguese origins of Brazil and its independent development in the nineteenth and twentieth centuries. Key aspects of economic, political, and social factors; special attention to intellectual history. Readings in English. LEC.

PORT 320. Introduction to Portuguese and Brazilian Literatures. 3 Hours. H/W.
A more advanced reading course serving as an introduction to the study of Luso-Brazilian literature, with discussion in Portuguese of the material read. Prerequisite: A fourth semester course in Portuguese or consent of instructor. LEC.

PORT 340. Textual Analysis and Critical Reading. 3 Hours. HL / H.
Introduction to Brazilian cultural and literary studies. Critical readings and interpretation of Brazilian cultural expressions with emphasis on acquiring the skills and vocabulary for discussing and writing critical analyses. Conducted in Portuguese. Not open to students who have taken PORT 540. Prerequisite: Grade of A or B in PORT 216 or consent of instructor. LEC.

PORT 347. Brazilian Studies: ____. 3 Hours. H.
A topics course dedicated to the study of special historical moments, topics, authors, or themes in literary and cultural history. The course may cover multiple genres and periods. Course conducted in Portuguese and may be repeated for credit as the topic varies. Not open to students who have taken PORT 547. Prerequisite: PORT 216 or consent of instructor. LEC.

PORT 348. Portuguese Language and Brazilian Culture for Business. 3 Hours. H.
Cultural studies approach to contemporary Brazilian society for students interested in business. Explores how Brazilians negotiate their place in a global cultural context and how they perceive business (negocios). Readings include selections from literature, history, journalism, social analysis, and popular culture. Exercises help English speakers develop analytical skills as well as vocabulary and communication skills related to business and professional life in Brazil. Conducted in Portuguese. Not open to students who have taken PORT 548. Prerequisite: PORT 216 or consent of instructor. LEC.

PORT 365. Studies in Brazilian Film: ____. 3 Hours. H.
A theoretical and historical approach to Brazilian film with particular attention to thematic concerns, such as cultural and national identity, and of literary discourse. Given in Portuguese or English. May be repeated for credit as topic varies. Students will be expected to attend film screenings in addition to regular class meetings. Not open to students who have taken PORT 565. Prerequisite: Consent of instructor. LEC.

PORT 388. Intermediate Brazilian Portuguese Conversation. 1 Hour. U.
Two recitations weekly. Prerequisite: PORT 104 or PORT 106. LEC.

PORT 394. Special Readings in Brazilian Studies. 1-3 Hours. H.
Direct readings in (a) fields not covered by student’s course work, and/or (b) field of student’s special interest approved by the department. May be repeated for credit if content varies. Prerequisite: PORT 216 and three-hours upper-division credit in Portuguese, or consent of instructor. LEC.

PORT 471. Studies in Brazilian Culture and Civilization: ____. 1-3 Hours. H.
A study of Brazilian culture with emphasis on one or more of the following aspects: history, politics, ethnology, anthropology, religious and secular traditions, issues of cultural identity, music, art, architecture, and popular culture. Available only to study-abroad participants. May be repeated for credit if content varies. LEC.

PORT 475. Studies in Brazilian Literature: ____. 1-3 Hours. H.
A study of the literature of a particular author, group of authors, period, genre, region, or theme. Available only to study-abroad participants. May be repeated for credit if content varies. LEC.

PORT 488. Advanced Brazilian Portuguese Conversation. 1 Hour. U.
Two recitations weekly. More advanced than PORT 388. Prerequisite: PORT 108, PORT 110, or PORT 388. LEC.

PORT 490. Intensive Advanced Portuguese. 3-6 Hours. H/W.
Advanced composition, conversation, and stylistics, plus an introduction to Brazilian culture. Offered only during the Summer Language Institute in Brazil. Prerequisite: Four semesters of Portuguese, or consent of instructor. Open only to members of the Summer Language Institute in Vitoria-Vila Velha, Brazil. LEC.

PORT 509. Portuguese Phonetics and Phonology. 3 Hours. H/W.
A study of the phonology of the carioca (Rio de Janeiro) dialect of Brazilian Portuguese, and an introduction to other major Brazilian and Portuguese dialects. Prerequisite: Nine hours of Portuguese, or consent of instructor. LEC.
PORT 540. Textual Analysis and Critical Reading. 3 Hours. HL / H.
A more intensive treatment of the content of PORT 340. Not open to
students who have taken PORT 340. Prerequisite: Consent of instructor.
LEC.

PORT 547. Brazilian Studies: ____. 3 Hours. H.
A more intensive treatment of the content of PORT 347. Not open to
students who have taken PORT 347. Prerequisite: PORT 216 or consent
of instructor. LEC.

PORT 548. Portuguese Language and Brazilian Culture for Business.
3 Hours. H.
A more intensive treatment of the content of PORT 348. Not open to
students who have taken PORT 348. Prerequisite: Consent of instructor.
LEC.

PORT 560. Survey of Portuguese Literature. 3 Hours. H/W.
Emphasis on Gil Vicente, Camoes, Eca de Queiroz, and Fernando
Pessoa. Prerequisite: A fourth semester course in Portuguese or consent
of instructor. LEC.

PORT 561. Accelerated Basic Portuguese for Spanish Speakers. 3
Hours. U.
Contrastive phonological and morphological analysis of standard
Spanish and the major dialect of Brazilian Portuguese, followed by
a presentation of major grammatical and phonological stumbling blocks
for Spanish speakers. Drills on grammar, syntax, and pronunciation
emphasize those areas in which Brazilian Portuguese differs most
significantly from Spanish. Prerequisite: Graduate student status in
Spanish. Undergraduates in Spanish may be admitted with consent of
instructor. LEC.

PORT 610. Accelerated Basic Portuguese for Spanish Speakers II. 3
Hours. U.
A continuation of PORT 611, with special emphasis on reading and writing
skills. Prerequisite: PORT 611. LEC.

PORT 740. Survey of Brazilian Literature. 3 Hours.
A survey of Brazilian literature from 1500 to present. Prerequisite: A fourth
semester course in Portuguese or consent of instructor. LEC.

PORT 742. The Brazilian Novel. 3 Hours.
The development of the novel in Brazil and analysis of representative
works of the nineteenth and twentieth centuries. Prerequisite: A fourth
semester course in Portuguese or consent of instructor. LEC.

PORT 746. The Brazilian Short Story. 3 Hours.
The development of the short story in Brazil and analysis of representative
works of the nineteenth and twentieth centuries. Prerequisite: A fourth
semester course in Portuguese or consent of instructor. LEC.

PORT 750. Brazilian Poetry. 3 Hours.
A study of the principal movements and an analysis of representative
works from the colonial period to the present. Emphasis on modernists
and post-modernists. Prerequisite: A fourth semester course in
Portuguese or consent of instructor. LEC.

PORT 760. Contemporary Brazilian Literature. 3 Hours.
A survey of Brazilian cultural expressions and literature in the Twentieth
Century. Conducted in Portuguese. Prerequisite: PORT 216 or consent
of instructor. LEC.

PORT 780. Special Readings in Portuguese and Brazilian Literature.
1-3 Hours.
May be taken more than once; total credit not to exceed five hours.
Directed private readings with conferences with instructor. Prerequisite:
Consent of department. RSH.

PORT 785. Special Topics in Brazilian Cultural and Literary Studies:
______. 3 Hours.
Topics vary by semester. The course may be taken more than once,
with full credit, provided there is no duplication in the material covered.
Conducted in Portuguese. LEC.

PORT 930. Seminar in Portuguese Literature: ____. 3 Hours.
LEC.

PORT 970. Seminar in Brazilian Literature: ____. 3 Hours.
LEC.

SPAN 100. Spanish Reading Course. 3 Hours. U.
A special course for candidates for advanced degrees designed to aid
them in obtaining a reading knowledge of Spanish. Intensive study of
the fundamentals of grammar, proceeding to the reading of material
of medium difficulty. Open to graduate students and to seniors who
are applying for entrance to a graduate school. The course does not
satisfy any part of the undergraduate language requirement. This
course is primarily for graduate students who are fulfilling their language
requirement(s) for advanced degrees. LEC.

SPAN 101. Orientation Seminar in Spanish and Portuguese. 1 Hour.
H.
Provides an overview of the field of Hispanic Studies. Emphasizes
developing an understanding of opportunities in Spanish and Portuguese
at KU and the Spanish and Portuguese program curricula, exploring
service-learning and other extracurricular options available at KU and
beyond, and helping students plan goals for their education through an
understanding of their personal values and aspirations as they relate to
the field. Graded on a satisfactory/unsatisfactory basis. LEC.

SPAN 104. Elementary Spanish I. 5 Hours. U.
For beginning students of Spanish. Not open to students who have had
any previous study of Spanish. Active preparation and participation
required. Classes conducted in Spanish. Not open to native speakers of
Spanish. Offered in fall semester. LEC.

SPAN 107. Elementary Spanish Conversation. 1-4 Hours. U.
Activities to improve elementary level conversation skills. Does not fulfill
any portion of the College of Liberal Arts and Sciences foreign language
requirement. Available only to study abroad participants. LEC.

SPAN 108. Elementary Spanish II. 5 Hours. U.
Only for students who have completed SPAN 104 at the University of
Kansas. This course prepares students for Intermediate level study
of Spanish. Active preparation and participation is required. Classes
conducted in Spanish. Not open to native speakers of Spanish. Offered in
spring semester. Prerequisite: SPAN 104. LEC.

SPAN 111. Intensive Elementary Spanish. 5 Hours. AE41 / U.
For students who have had some previous study of Spanish, but who do
not place into the Intermediate level. This course prepares students for
Intermediate level study of Spanish. Active preparation and participation
required. Classes conducted in Spanish. Not open to native speakers of
Spanish. Prerequisite: At least one previous high school or college course
in Spanish. LEC.

SPAN 170. Hispanic Language, Culture and Civilization I-A: _____.
1-3 Hours. U.
For students in their first year of language study or the equivalent.
An intensive orientation to the culture of Spanish-speaking countries.
Includes elements of grammar, conversation, and composition. Available only to study abroad participants. Will not count toward the Spanish major nor the language requirement. May be repeated for credit if content varies. LEC.

SPAN 171. Hispanic Language, Culture and Civilization I-B: ____. 1-3 Hours. U.
A continuation of SPAN 170. For students in their first year of language study or the equivalent. An intensive orientation of the culture of Spanish-speaking countries. Includes elements of grammar, conversation, and composition. Available only to study abroad participants. Will not count toward the Spanish major nor the language requirement. May be repeated for credit if content varies. LEC.

SPAN 177. First Year Seminar: ____. 3 Hours. HL GE11.
A limited-enrollment, seminar course for first-time freshmen, organized around current issues in Spanish. May not contribute to major requirements in Spanish. First year seminar topics are coordinated and approved through the Office of First Year Experiences. Prerequisite: First-time freshman status. LEC.

SPAN 212. Intermediate Spanish I. 3 Hours. AE42 / U.
A fully integrated content-based and form-focused approach to intermediate-level Spanish. Students process and practice a wide range of vocabulary and grammatical structures in order to complete tasks that promote critical exploration of the Spanish-speaking world and the development of listening, reading, speaking, writing, and intercultural competencies. Classes conducted in Spanish. Not open to native speakers of Spanish. Prerequisite: SPAN 108 or SPAN 111 or placement. See departmental guidelines. LEC.

SPAN 213. Honors Intermediate Spanish I. 3 Hours. U.
Not open to native speakers of Spanish. Prerequisite: SPAN 108 or SPAN 111 with grade of A, or permission of the department LEC.

SPAN 216. Intermediate Spanish II. 3 Hours. AE42 / U.
A continuation of SPAN 212. A fully integrated content-based and form-focused approach to intermediate-level Spanish. Students process and practice a wide range of vocabulary and grammatical structures in order to complete tasks that promote critical exploration of the Spanish-speaking world and the development of listening, reading, speaking, writing, and intercultural competencies. Emphasis on process writing. Classes conducted in Spanish. Not open to native speakers of Spanish. Prerequisite: SPAN 212 or placement. LEC.

SPAN 217. Honors Intermediate Spanish II. 3 Hours. AE42 / U.
Not open to native speakers of Spanish. Prerequisite: SPAN 212 or SPAN 213 with a grade of A, or permission of the department. LEC.

SPAN 220. Intensive Intermediate Spanish. 6 Hours. U.
This course is designed for students who would like to acquire proficiency in Spanish more rapidly. The material covered in the course is the same as in SPAN 212 and 216. Not open to native speakers of Spanish. Available only to study abroad participants in KU's Summer Language Institute in Barcelona, Spain. Prerequisite: SPAN 108 or SPAN 111, with a grade of A or B. LEC.

SPAN 270. Hispanic Language, Culture and Civilization II-A: ____. 1-3 Hours. U.
For students in their second year of language study or the equivalent. An intensive orientation to the culture of Spanish-speaking countries. Includes elements of grammar, conversation, and composition. Available only to study abroad participants. Will not count toward the Spanish major nor the language requirement. May be repeated for credit if content varies. LEC.

SPAN 271. Hispanic Language, Culture and Civilization II-B: ____. 1-3 Hours. U.
A continuation of SPAN 270. For students in their second year of language study or the equivalent. An intensive orientation to the culture of Spanish-speaking countries. Includes elements of grammar, conversation, and composition. Available only to study abroad participants. Will not count toward the Spanish major nor the language requirement. May be repeated for credit if content varies. LEC.

SPAN 300. Developments in Hispanic Cultures. 3 Hours. HL AE42 / H.
The development of social and cultural patterns in the Spanish-speaking world, including the intersection of those patterns with issues related to politics, economics and/or personal values. Assigned readings may be in English or in Spanish. Does not count toward the Spanish major. Prerequisite: SPAN 108, SPAN 109, or SPAN 111; or two years of high school Spanish. LEC.

SPAN 302. The Spanish Inquisition. 3 Hours. H.
A broad historical study of the Spanish Inquisition from 1478 to its afterlife in modern culture, including its use in political debates and its depiction in popular culture. Topics include anti-Semitism, the nature of the inquisitorial investigation, the use of torture, censorship and the relationship between the Inquisition, the Spanish monarchy and other religious and lay authorities. Taught in English. Will not count toward the Spanish major. (Same as HIST 325 and JWSH 315.) LEC.

SPAN 322. Spanish Grammar: Form and Meaning in Context. 3 Hours. U.
Analysis of the most important morphological and syntactic phenomena with an emphasis on their form and function through a review of salient grammatical points in preparation for advanced work in Spanish. Recommended for students who have completed Spanish 216, 217, or 220 with a grade of C or higher, or placement through examination. Course does not count toward the Major. Prerequisite: Four semesters of college-level Spanish or the equivalent. Students who have taken Spanish 324 may take this course with the permission of instructor. LEC.

SPAN 323. Spanish Composition and Cultural Analysis. 3 Hours. U.
Systematic review of writing in Spanish, intensive study of vocabulary and stylistics for formal written communication, and development of essential writing and analytical skills for advanced courses in Spanish. Prerequisite: SPAN 216, or SPAN 217, or SPAN 220, or consent of instructor. LEC.

SPAN 324. Grammar and Composition. 3 Hours. U.
Systematic grammar review and development of essential writing skills for advanced courses in Spanish. Concurrent enrollment in SPAN 328 required. Recommended for students with a grade of B or better in SPAN 216, SPAN 217, or SPAN 220. Prerequisite: SPAN 216 or SPAN 217 with a grade of "C" or higher, or SPAN 220, or SPAN 322, or consent of instructor. LEC.

SPAN 326. Spanish for Health Care Workers. 3 Hours.
This course is designed to provide students with the linguistic and cultural competencies necessary to communicate with and help treat Spanish speaking patients with limited English proficiency. Includes a general review of pertinent grammar, specific vocabulary groups relating to assessment and care of patients, vocabulary to establish rapport, and discussions leading to cultural competencies. Not open to students who have completed SPAN 424 or above. Prerequisite: Completion of Spanish 216 with a grade of C or better. LEC.

SPAN 328. Intermediate Spanish Conversation. 2 Hours. U.
Conversational reinforcement of topics presented in SPAN 324 with an emphasis on oral communication skills in a cultural context. Concurrent enrollment in SPAN 324 required. Two class meetings per week. Not available to study abroad participants. Prerequisite: SPAN 216 or SPAN
SPAN 329. Intermediate Spanish Conversation II. 1 Hour. U.
Two class meetings per week. Continuation of SPAN 328. Not open to native speakers of Spanish. Prerequisite: SPAN 328 or consent of instructor. LEC.

SPAN 330. Service Learning Internship Spanish I. 3 Hours. U.
An opportunity for students to utilize and improve their Spanish language skills in an internship or volunteer work in business, schools, government, hospitals, churches, and various types of service organizations. Students must have approval of instructor to register and must provide written confirmation of acceptance for volunteer work in an agency that provides service to a Spanish-speaking public before the course begins. Periodic supervisor evaluations and a reflection journal in Spanish are required, in addition to other materials requested by the instructor. Class format may be an independent internship taken for variable credit under instructor supervision. Will not count toward Spanish major. Prerequisite: Students must have completed a minimum of 12 hours of Spanish in courses at the 200-level or above, and completion of SPAN 324 with a grade of B or better. LEC.

SPAN 340. Textual Analysis and Critical Reading. 3 Hours. HL GE3H / H/W.
Critical readings and interpretation of Hispanic literatures, with emphasis on acquiring the skills and vocabulary necessary for discussing and writing literary analyses. Prerequisite: SPAN 323 or SPAN 324, or consent of instructor. LEC.

SPAN 346. Transatlantic Hispanic Cultures. 3 Hours. H.
This course offers an introductory overview of Hispanic cultures, focusing on the political, economic, social, linguistic, and artistic development that shaped the historical and cultural bonds between Latin America and Spain. Enhances the cultural competence acquired in previous Spanish classes and prepare students for upper-level work in the major. Taught in Spanish. Prerequisite: SPAN 324. A grade of "C" or better in SPAN 324 is strongly recommended for students enrolling in this course. Not open to students who have already taken SPAN 370, SPAN 371, SPAN 446, SPAN 447, SPAN 470, or SPAN 471. LEC.

SPAN 370. Hispanic Language, Culture and Civilization III-A: ____. 1-3 Hours. U.
An intensive orientation to the culture of Spanish-speaking countries. Also includes elements of grammar, conversation, and composition. Available only to study-abroad participants. Will not count toward the Spanish major. May be repeated for credit if content varies. LEC.

SPAN 371. Hispanic Language, Culture and Civilization III-B: ____. 1-3 Hours. U.
A continuation of SPAN 370. An intensive orientation to the culture of Spanish-speaking countries. Also includes elements of grammar, conversation, and composition. Available only to study abroad participants. Will not count toward the Spanish major. May be repeated for credit if content varies. LEC.

SPAN 390. Interpretation of Hispanic Literature. 3 Hours. H.
A study of selected works in literary theory that are pertinent to the field of Hispanism and of selected problems in literary interpretation and comparative literature methodology, designed to examine and apply systematically basic critical principles and approaches to the field of Hispanic literature. Discussion of these approaches is related to the previous study of literature and deepened through individual papers written by participants and presented to the group. Does not count toward the major in Spanish. Prerequisite: Completion of one junior-senior course in a language and literature department. LEC.

SPAN 424. Advanced Spanish Composition and Grammar. 3 Hours. H/W.
Extensive practice in writing, with attention to vocabulary, grammar usage, and discourse structure. Thorough review of syntax and grammar. Conducted in Spanish. Concurrent enrollment in SPAN 428 is strongly recommended. Prerequisite: SPAN 340 or consent of instructor. A grade of "C" or better in SPAN 340 is strongly recommended for students enrolling in this course. LEC.

SPAN 428. Advanced Spanish Conversation. 2 Hours. U.
Emphasis on developing fluid expression of opinions, ideas, and points of view through discussion of selected texts and cultural materials. Two class meetings per week. Concurrent enrollment in SPAN 424 recommended. Prerequisite: SPAN 340 or consent of instructor. A grade of C or higher in SPAN 340 is strongly recommended for students enrolling in this course. LEC.

SPAN 429. Spanish Phonetics. 3 Hours. H/W.
An analytical and practical study of contemporary Spanish phonetics. Prerequisite: SPAN 424 and SPAN 428, or consent of instructor. LEC.

SPAN 440. Hispanic Studies: ____. 3 Hours. H/W.
A topics course dedicated to the study of special historical moments, topics, authors, or themes in literary and cultural history. Readings may include selections from both Spain and the countries of Spanish America. The course may cover multiple genres, authors, periods, or regions. Course conducted in Spanish and may be repeated for credit as the topic varies. Prerequisite: SPAN 340 or consent of instructor. A grade of "C" or better in SPAN 340 is strongly recommended for students enrolling in this course. LEC.

SPAN 441. Special Topics in Spanish Literature and Culture: ____. 1-3 Hours. H.
A topics course dedicated to the study of special historical moments, topics, authors, or themes in Spanish literary and cultural history. The course may cover multiple genres, authors, periods, or regions. Course conducted in Spanish and may be repeated for credit as the topic varies. This course may be used to partially or fully fulfill 400-level peninsular Spanish literature requirement. Prerequisite: SPAN 340. LEC.

SPAN 442. Special Topics Latin American Literature and Cultures: ____. 1-3 Hours. H.
A topics course dedicated to the study of special historical moments, topics, authors, or themes in Latin American literary and cultural history. The course may cover multiple genres, authors, periods, or regions. Course conducted in Spanish and may be repeated for credit as the topic varies. This course may be used to partially or fully fulfill 400-level peninsular Latin American literature requirement. Prerequisite: SPAN 340. LEC.

SPAN 446. Spanish Culture. 3 Hours. H/W.
A study of the development of Spanish culture with particular emphasis on history, customs and traditions, and literary trends and artistic tendencies that constitute Spain's specific contribution to Western civilization. Conducted in Spanish. Prerequisite: SPAN 340 or consent of instructor. A grade of "C" or better in SPAN 340 is strongly recommended for students enrolling in this course. LEC.

SPAN 447. Latin American Cultures: ____. 3 Hours. H/W.
The description and interpretation of Latin American cultures, with particular attention to history, ethnicity, folklore, and the arts. The course may focus on particular countries or geographical areas. Conducted in Spanish. May be repeated for credit as topic varies. Prerequisite: SPAN 340 or consent of instructor. A grade of "C" or better in SPAN 340 is strongly recommended for students enrolling in this course. LEC.
SPAN 448. Spanish Language and Culture for Business. 3 Hours. H.
Cultural studies approach to contemporary Spanish American societies
for students with an interest in business. Explores how individuals
from Spanish American countries negotiate their place in a new
cultural context, and how different groups in Spanish America perceive
business (negocios). Readings include selections from literature, history,
journalism, social analysis, and popular culture. Exercises help non-
native speakers develop analytical skills as well as vocabulary and
communication skills related to international business and professional
life. Conducted in Spanish. Prerequisite: SPAN 323 or SPAN 324, or
consent of instructor. LEC.

SPAN 450. Medieval Spanish Studies: ____. 3 Hours. H.
Reading and analysis of Spanish literature and culture to 1500. The
course may cover multiple genres, authors, periods, regions, or topics.
Course conducted in Spanish and may be repeated for credit as the topic
varies. Prerequisite: SPAN 340 or consent of instructor. A grade of "C"
or better in SPAN 340 is strongly recommended for students enrolling in
this course. LEC.

SPAN 451. Early Modern Spanish Studies: ____. 3 Hours. H.
Reading and analysis of Spanish literature and culture from 1500 to
1800. The course may cover multiple genres, authors, periods, regions,
or topics. Course conducted in Spanish and may be repeated for credit
as the topic varies. Prerequisite: SPAN 340 or consent of instructor. A
grade of "C" or better in SPAN 340 is strongly recommended for students enrolling in
this course. LEC.

SPAN 452. Nineteenth Century Spanish Studies: ____. 3 Hours. H.
Reading and analysis of the literature and culture of Spain of the 1800s.
The course may cover multiple genres, authors, periods, regions, or
topics. Course conducted in Spanish and may be repeated for credit
as the topic varies. Prerequisite: SPAN 340 or consent of instructor. A
grade of "C" or better in SPAN 340 is strongly recommended for students enrolling in
this course. LEC.

SPAN 453. Twentieth Century Spanish Studies: ____. 3 Hours. H.
Reading and analysis of the literature and culture of Spain from 1900 to
the present. The course may cover multiple genres, authors, periods,
regions, or topics. Course conducted in Spanish and may be repeated for credit
as the topic varies. Prerequisite: SPAN 340 or consent of instructor. A
grade of "C" or better in SPAN 340 is strongly recommended for students enrolling in
this course. LEC.

SPAN 460. Colonial Spanish-American Studies: ____. 3 Hours. H.
Reading and analysis of Spanish-American literature and culture from
the Conquest to Independence, organized by topic. The course may cover
multiple genres, authors, periods, regions, or topics. Course conducted in
Spanish and may be repeated for credit as the topic varies. Prerequisite:
SPAN 340 or consent of instructor. A grade of "C" or better in SPAN 340 is
strongly recommended for students enrolling in this course. LEC.

SPAN 461. Nineteenth Century Spanish-American Studies: ____. 3
Hours. H.
Reading and analysis of Spanish-American literature and culture from
Independence to 1900, organized by topic. The course may cover multiple
genres, authors, periods, regions, or topics. Course conducted in Spanish
and may be repeated for credit as the topic varies. Prerequisite: SPAN
340 or consent of instructor. A grade of "C" or better in SPAN 340 is
strongly recommended for students enrolling in this course. LEC.

SPAN 462. Twentieth Century Spanish-American Studies: ____. 3
Hours. H.
Reading and analysis of Spanish-American literature and culture from
1900 to the present, organized by topic. The course may cover multiple
genres, authors, periods, regions, or topics. Course conducted in Spanish
and may be repeated for credit as the topic varies. Prerequisite: SPAN
340 or consent of instructor. A grade of "C" or better in SPAN 340 is
strongly recommended for students enrolling in this course. LEC.

SPAN 463. National Traditions in Spanish America: ____. 3 Hours.
H.
Reading and analysis of Spanish-American literature and cultural history
from the perspective of a selected nation or nations. The course explores
the role of literature and cultural expression in constructing the modern
nation and local traditions. Readings may cover selections from multiple
genres, authors, and periods. Course conducted in Spanish and may be
repeated for credit as the topic varies. Prerequisite: SPAN 340 or consent of instructor. A grade of "C" or better in SPAN 340 is strongly recommended for students enrolling in this course. LEC.

SPAN 464. Reading and Analysis of U.S. Latino/a Literatures: ____. 3 Hours. H.
The course covers multiple genres, authors, periods, regions, or topics.
Course conducted in Spanish and may be repeated for credit as the topic
varies. Prerequisite: SPAN 340 or consent of instructor. A grade of C or
better in SPAN 340 is strongly recommended for students enrolling in this course. LEC.

SPAN 470. Studies in Spanish Culture and Civilization: ____. 1-3 Hours. H.
A study of Spanish culture with emphasis on one or more of the following
aspects: history, politics, ethnology, anthropology, religious and secular
traditions, issues of cultural identity, music, art, architecture, and popular
culture. Available only to study-abroad participants. Maybe repeated for
credit if content varies. LEC.

SPAN 471. Studies in Spanish-American Culture and Civilization: ____. 1-3 Hours. H.
A study of Spanish American national or regional culture with emphasis
on one or more of the following aspects: history, politics, ethnology,
anthropology, religious and secular traditions, issues of cultural identity,
music, art, architecture, and popular culture. Available only to study-
abroad participants. May be repeated for credit if content varies. LEC.

SPAN 474. Studies in Spanish Literature and Culture: ____. 1-3 Hours. H.
A study of the literature and cultural production of a particular author,
group of authors, period, genre, region, or theme. Available only to study-
abroad participants. May be repeated for credit if content varies. LEC.

SPAN 475. Studies in Latin-American Literature and Culture: ____. 1-3 Hours. H.
A study of the literature and cultural production of a particular author,
group of authors, period, genre, country, region, or theme. Available only to study-
abroad participants. May be repeated for credit if content varies. LEC.

SPAN 494. Special Readings in Spanish. 1-3 Hours. H/W.
Directed reading in (a) fields not covered by student’s course work, and/or
(b) field of student’s special interest approved by the department.
Conferences. May be repeated for credit if content varies. Prerequisite:
Twenty-five hours of Spanish. IND.

SPAN 496. Honors in Spanish. 3 Hours. AE61 / H/W.
Honors seminar. May be repeated for credit. Required of all students
working for a degree with honors in Spanish. IND.

SPAN 500. Hispanic Literature in Translation: ____. 3 Hours. H.
A study of the literature in English translation of a particular author, period,
genre, country, region, or theme. Discussion in English and frequent
critical papers. May be repeated for credit as the topic varies. Will not
count toward the Spanish major. Prerequisite: Completion of one junior-

SPAN 520. Structure of Spanish. 3 Hours. H/W.
A study of the Spanish language as it is spoken today, from perspectives of
current linguistic theories. Reading and analysis of recent publications
in the field. Prerequisite: SPAN 424 and SPAN 428, or consent of the instructor. LEC.

SPAN 522. Advanced Studies in Spanish Language: ____. 3 Hours.
H/W.
Extensive language analysis and practice on one topic such as stylistics,
transliteration, conversation/speak-discourse, or creative writing. Course
conducted in Spanish and may be repeated for credit as the topic varies.
Prerequisite: SPAN 424 and SPAN 428, or consent of the instructor. LEC.

SPAN 540. Colloquium on Hispanic Studies: ____. 3 Hours. AE61 / H.
An advanced course dedicated to the critical study of special historical
moments, topics, authors, or themes in literary and cultural history. This
course is designed to provide sophistication, focus, and analytical depth
in literary and cultural study through exploration of secondary sources as
well as theoretical material. Reading may include selections from both
Spain and the countries of Spanish America and may cover multiple
genres, authors, periods, or regions. Course conducted in Spanish and
may be repeated for credit as the topic varies. Prerequisite: SPAN 424
and six hours of 400-level Spanish literature courses. LEC.

SPAN 550. Colloquium on Spanish Film. 3 Hours. AE61 / H.
A theoretical and historical exploration of Spanish cinema with particular
attention devoted to the works of Berlanga, Bunuel, Gutierrez Aragon,
Saura, Eircé, and Almodovar. Students will be expected to attend film
screenings in addition to regular class meetings. Prerequisite: SPAN 424
and six hours of 400-level Spanish literature courses. LEC.

SPAN 560. Colloquium on Latin American Film. 3 Hours. AE61 / H.
An overview of Latin American cinema from its origins to the present with
particular attention to thematic concerns, such as cultural and national
identity, and of literary discourse. Students will be expected to attend film
screenings in addition to regular class meetings. Prerequisite: SPAN 424
and six hours of 400-level Spanish literature courses. LEC.

SPAN 566. Latin American Folklóre. 3 Hours. H.
An examination of Latin American folk traditions, the ways they are used
to give meaning to life and to define local and national identity. Folk
literature, songs, music, dance, foods, fiestas, and material culture are
looked at in the light of current folktale theory. Lectures and discussion
are in English, some readings may be in Spanish. Prerequisite: SPAN 424
and six hours of 400-level Spanish literature courses. LEC.

SPAN 568. Spanish Ballads. 3 Hours. H/W.
A study of the various types of ballads; traditional, artistic, and popular.
Prerequisite: A survey of Spanish literature through the Golden Age. LEC.

SPAN 570. Studies in Hispanic Linguistics: ____. 3 Hours. U.
Theoretically and applied analysis of one or more of the following
components of the Spanish language: phonology/phonetics, morphology,
syntax, semantics, pragmatics. May be repeated for credit if content
varies. Prerequisite: SPAN 424 and SPAN 428. LEC.

SPAN 681. Language Teaching for Oral Proficiency. 1 Hour. U.
A summer course designed principally for secondary school language
teachers. Provides an orientation to proficiency-based models in foreign
language instruction, national standards in the rating of foreign language
proficiency, and curriculum development sessions which address issues
of articulation in foreign language curricula. (Not applicable toward a
major or graduate degree in Spanish.) (Same as FREN 681 and GERM 681.) LEC.

SPAN 717. History of the Spanish Language. 3 Hours.
The phonological and lexical development of the Spanish language from
spoken Latin to the present; major dialectal features. Prerequisite: A
course in Spanish phonetics. LEC.

SPAN 720. Syntax and Composition. 3 Hours.
Syntactical analysis of modern Spanish usage; principles of expository
writing. Prerequisite: A course in advanced composition or structure, or
graduate standing. LEC.

SPAN 722. Special Topics in Spanish Literature: ____. 2-3 Hours.
The content of this course will vary, and the course may be taken more
than once with full credit, provided there is no duplication in the material
studied. Prerequisite: A survey course in Spanish peninsular literature
taught in Spanish. LEC.

SPAN 730. Topics in the Literature of 13th- and 14th-Century Iberia:
______. 3 Hours.
A theoretically informed study of representative works from 13th- and
14th-century Iberia. Course may be repeated for credit provided that the
topic changes. LEC.

SPAN 733. Print Culture in Early Modern Spain. 3 Hours.
A study of the literature produced during the period of early printed books
with emphasis on the diffusion of new literary forms during the late 15th-
and early 16th-centuries. LEC.

SPAN 735. Poetry and Sentimental Romance in Fifteenth-Century
Castile. 3 Hours.
Survey of the poetry and prose of the fifteenth century with particular
attention to the literature produced during the reign of Isabel de Castilla.
LEC.

SPAN 739. Topics in Early Modern Spanish Drama: _____. 3 Hours.
Selected plays of such authors as Lope de Vega, Tirso de Molina,
Calderón, and María de Zayas. Course may be repeated for credit
provided that the topic changes. LEC.

SPAN 742. Topics in the Early Modern Spanish Prose: _____. 3 Hours.
From the Celestina to the middle of the seventeenth century. Course may
be repeated for credit provided that the topic changes. LEC.

SPAN 744. Topics in Early Modern Spanish Poetry: _____. 3 Hours.
A theoretically informed study of selected works of poetry in Spanish
from the 15th through 17th centuries. Course may be repeated for credit
provided that the topic changes LEC.

SPAN 745. Don Quixote. 3 Hours.
Linguistic and literary study. Examination of traditional interpretations. The
life and thought of Cervantes. Theoretical readings. LEC.

SPAN 752. Spanish Literature of the 18th Century. 3 Hours.
The neo-classic movement; the traditionalist reaction; the beginnings of
Romanticism. Prerequisite: A survey course in Spanish literature from the
18th century to the present. LEC.

SPAN 754. Romanticism. 3 Hours.
The development of the Romantic movement in Spain. Prerequisite: A
survey course in Spanish literature from the 18th century to the present.
LEC.

SPAN 755. 19th Century Spanish Novel. 3 Hours.
The rise and development of realism. Prerequisite: A survey course in
Spanish literature from the 18th century to the present. LEC.
SPAN 760. 19th Century Spanish Drama. 3 Hours.
A survey of the main currents and aesthetics in the nineteenth-century Spanish theatre: NeoClassicism, Romanticism, Costumbrismo, Realismo (Alta Comedia), NeoRomanticism, and the innovations of Galdos and Benavente. Prerequisite: A survey course in Spanish literature from the 18th century to the present. LEC.

SPAN 761. 20th Century Spanish Drama. 3 Hours.
A survey of major plays and playwrights of 20th century Spain with reference to critical theory of text as literature and performance. LEC.

SPAN 762. The Spanish Novel Since the Civil War. 3 Hours.
A study of the major works and movements occurring since the Spanish Civil War. LEC.

SPAN 764. Modern Spanish Poetry. 3 Hours.
Modern poetry of Spain, beginning with Becquer and ending with the “Generation of the 1920’s.” Close study of the works of the major poets; readings in poetic theory. Prerequisite: A general survey course of the literature of Spain from the 18th, 19th, and 20th centuries. LEC.

SPAN 765. Contemporary Spanish Poetry. 3 Hours.
Contemporary poetry of Spain, beginning with the “Generation of the 1920’s” and including the post-Civil War period. Close study of the work of several poets; readings in poetic theory. Prerequisite: A general survey course in the literature of Spain since the Golden Age. LEC.

SPAN 766. The Spanish Modernist Novel. 3 Hours.
A diachronic study of the syntax and morphology of Spanish from the thirteenth century to the present; sound change and orthography; evolution of literary styles. Prerequisite: A course in Spanish phonetics. LEC.

SPAN 770. Spanish-American Drama. 3 Hours.
Study of several exceptional plays of 20th century Spanish America in light of critical methodologies, national theatre movements, and performance aspects. LEC.

SPAN 771. Spanish-American Literature: ______. 3 Hours.
A survey by region or country (Mexican literature, Cuban literature, Argentinian literature, Caribbean literature, etc.) of Spanish American literature from the beginning to the present, with emphasis on the 19th and 20th centuries. Course title will vary by country or region. Prerequisite: A survey course in Spanish American literature. LEC.

SPAN 772. The Modern Spanish-American Novel, 1900-1950. 3 Hours.
A study of selected novels in Spanish America from the 1900 to 1950. Topics may vary. Prerequisite: A survey course in Spanish American literature. LEC.

SPAN 773. The Modern Spanish-American Novel Since 1950. 3 Hours.
A study of selected novels in Spanish America since 1950. Topics may vary. Prerequisite: A survey course in Spanish American literature. LEC.

SPAN 774. Spanish-American Poetry. 3 Hours.
A study of the twentieth century poetic tradition in Spanish America, including major movements and a range of poets who represent the variety of writing in the genre until the 21st century. LEC.

SPAN 776. Spanish-American Short Story. 3 Hours.
A study of aspects of the short story tradition in Spanish America from its origins to the present. Topics may vary. Prerequisite: A survey course in Spanish American literature. LEC.

SPAN 781. Colonial Identities. 3 Hours.
This course centers on the dynamics of identity of Creoles, Amerindians, Blacks and members of the castes in colonial Spanish America. It concentrates on how members of these racial and ethnic groups relate to coloniality, space, place and gender. LEC.

SPAN 782. Spanish-American Prose Fiction: _____, 3 Hours.
A survey by region or country (Mexican Prose Fiction, Cuban Prose Fiction, Argentine Prose Fiction, Caribbean Prose Fiction, etc.) of Spanish American Prose Fiction from the beginning to the present, with emphasis on the 19th and 20th centuries. Course title will vary by country or region. Prerequisite: A survey course in Spanish American literature. LEC.

SPAN 784. Spanish-American Modernism and Vanguards. 3 Hours.
A study of the poetry and/or prose of modernismo and the vanguards in Spanish America. Prerequisite: One course in Spanish American literature or permission of instructor. LEC.

SPAN 785. Special Topics in Spanish-American Literature: _____, 2-3 Hours.
The content of this course will vary, and the course may be taken more than once, with full credit provided there is no duplication in the material covered. Prerequisite: A survey course in Spanish American literature. LEC.

SPAN 790. Spanish Linguistics: Theory and Application to Teaching. 3 Hours.
An introduction to linguistics and applied linguistics focused on the phonology, morphology, and syntax of Spanish, including work in tagmemics and transformational grammar. Part of the course deals with problems of language instruction, testing, and use of the language laboratory. LEC.

SPAN 792. Topics in the Picaresque Novel: _____, 3 Hours.
A theoretically informed study of the picaresque mode in Spanish and Spanish-American literature. Course may be repeated for credit provided that the topic changes. LEC.

SPAN 795. Literary Theory and Criticism. 3 Hours.
Systematic study of the development of theories of literature. Emphasis usually placed on twentieth century although scope may vary. Prerequisite: 700-level course in Spanish or concurrent enrollment. LEC.

SPAN 801. Teaching Spanish in Institutions of Higher Learning. 3 Hours.
Required of all teaching assistants who teach beginning Spanish at the University of Kansas for the first time. Instruction in classroom procedures for first year Spanish, demonstration of teaching techniques, and survey of current methodology. FL/D.

SPAN 802. Colloquium in Methods of Teaching Spanish Language. 1-3 Hours.
Combines discussion of theoretical teaching concepts and development of pedagogical materials with practical solutions arising concurrently in Spanish languages courses. LEC.

SPAN 817. Spanish Historical Grammar. 3 Hours.
A diachronic study of the syntax and morphology of Spanish from the thirteenth century to the present; sound change and orthography; evolution of literary styles. Prerequisite: A course in Spanish phonetics. LEC.

SPAN 889. Investigation and Conference. 1-10 Hours.
Individually directed work to fill the student’s needs not met by available organized courses. One to three hours of credit in any semester. Maximum total credit for the M.A. degree is three hours. May be taken with full credit as often as recommended by department. THE.

SPAN 922. Seminar in Spanish Literature and Culture: ______, 3 Hours.
An intensive investigation of a particular topic in Spanish Literature and Culture; content will vary in terms of topics, genres, and time periods.
covered. The course may be taken more than once with full credit, provided there is no duplication. Prerequisite: Graduate standing. LEC.

SPAN 940. Seminar in Trans-Atlantic Literatures and Cultures: _____ 3 Hours.
An intensive investigation of a particular topic in Spanish and Latin American Literatures and Cultures; content will vary in terms of topics, genres, and time periods covered. The course may be taken more than once, with full credit provided there is no duplication. Prerequisite: Graduate standing. SEM.

SPAN 950. Seminar: Spanish Drama: _____ 3 Hours.
LEC.

SPAN 952. Seminar: Spanish Novel: _____ 3 Hours.
LEC.

SPAN 954. Seminar: Spanish Poetry: _____ 3 Hours.
LEC.

SPAN 956. Seminar: Spanish Short Story: _____ 3 Hours.
LEC.

SPAN 958. Seminar: Spanish Essay: _____ 3 Hours.
LEC.

SPAN 961. Seminar: Medieval Literature: _____ 3 Hours.
LEC.

SPAN 962. Seminar: Cervantes: _____ 3 Hours.
LEC.

SPAN 970. Seminar: Spanish American Drama: _____ 3 Hours.
LEC.

LEC.

SPAN 974. Seminar: Spanish American Poetry: _____ 3 Hours.
LEC.

SPAN 976. Seminar: Spanish American Short Story: _____ 3 Hours.
LEC.

LEC.

SPAN 985. Seminar in Spanish American Literature and Culture: _____ 3 Hours.
An intensive investigation of a particular topic in Spanish American Literatures and Cultures; content will vary in terms of topics, genres, and time periods covered. The course may be taken more than once, with full credit provided there is no duplication. Prerequisite: Graduate standing. SEM.

SPAN 999. Dissertation. 1-12 Hours.
THE.

Speech-Language-Hearing Courses

SPLH 120. The Physics of Speech. 4 Hours. N.
An introduction to the acoustic structure of speech intended for nonscience majors. Emphasis will be placed on the methods and standards by which scientists measure and evaluate the physical characteristics of speech. Topics will include: simple harmonic motion, the propagation of sound waves, aerodynamic aspects of vocal fold vibration, resonance, digital speech processing, frequency analysis, and speech synthesis. Three class hours and one laboratory per week. (Same as LING 120.) Prerequisite: MATH 101 or 104 or equivalent. LEC.

SPLH 177. First Year Seminar: _____ 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Speech-Language and Hearing. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

SPLH 250. Study Abroad Topics in: _____ 1-5 Hours. S.
A course designed to enhance international experience in topic areas related to speech-language-hearing at the freshman/sophomore level. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if the content differs. Prerequisite: Department permission. LEC.

SPLH 261. Survey of Communication Disorders. 3 Hours. SI GE3S / S.
Provides a general understanding of normal and deviant speech, language, and hearing in adults and children. This course considers the normal development of communication behavior, the nature of communication disorders, and the interaction of speech pathology and audiology with allied fields (e.g., education, medicine, psychology, special education). LEC.

SPLH 320. The Communicating Brain: The Ultimate Personal Computer. 3 Hours. U.
This course introduces the study of human neuroscience with a particular focus on human communication. The course provides an overview of the relevant anatomical structures and function along with an introduction to the basic methods used to investigate central nervous system function. Students are introduced to the study of perceptual, motor, and language function in the nervous system through a series of examples drawn from normal function and clinical cases. The examples are selected to highlight how these systems develop and are influenced by experience, implantable devices developed to interface with the nervous system, and how computers and animals are used as models to learn about nervous system function. LEC.

SPLH 418. Introduction to Cognitive Science. 3 Hours. S.
Examines the data and methodologies of the disciplines that comprise Cognitive Science, an inter-disciplinary approach to studying the mind and brain. Topics may include: consciousness, artificial intelligence, linguistics, education and instruction, neural networks, philosophy, psychology, anthropology, evolutionary theory, cognitive neuroscience, human-computer interaction, and robotics. (Same as LING 418, PHIL 418, and PSYC 418.) Prerequisite: Consent of instructor. LEC.

SPLH 432. Human Behavioral Genetics. 3 Hours. S.
A survey of human behavioral genetics for upper division undergraduates. Emphasis is on how the methods and theories of quantitative, population, medical, and molecular genetics can be applied to individual and group differences in humans. Both normal and abnormal behaviors are covered, including intelligence, mental retardation, language and language disorders, communication, learning, personality, and psychopathology. (Same as ANTH 447, BIOL 432, PSYC 432.) Prerequisite: Introductory courses in biology/genetics or biological anthropology and psychology are recommended. LEC.

SPLH 449. Laboratory/Field Work in Human Biology. 1-3 Hours. AE61 / N.
Faculty supervised laboratory or field research for Human Biology majors. Students design and complete a research project in collaboration with a Human Biology faculty member. (Same as ANTH 447, BIOL 449, and PSYC 449.) Prerequisite: Consent of instructor and Human Biology major. FLD.

SPLH 450. Study Abroad Topics in: _____ 1-5 Hours. S.
A course designed to enhance international experience in topic areas related to speech-language-hearing at the junior/senior level. Coursework must be arranged through the Office of KU Study Abroad. May be
repeated for credit if the content differs. Prerequisite: Department permission. LEC.

SPLH 451. Directed Study Abroad in Speech-Language-Hearing. 1-3 Hours. S. 
An independent study designed to enhance international experience in topic areas related to speech-language hearing. Investigation of special topic or project selected by the student with advice, approval, and supervision by a KU SPLH instructor and an authorized agent of the study abroad site. Experience must be arranged through the Office of KU Study Abroad. Such study may take the form of directed reading and/or directed research/clinical observation. A daily journal and final report is required. A maximum of six hours of credit may be counted, with no more than three in a single area of study. Prerequisite: Consent of instructor IND.

SPLH 464. Undergraduate Seminar in: ______. 1-3 Hours. S. 
Course organized any given semester to study particular subject matter or to take advantage of special competence by an individual faculty member. Topics change as needs and resources develop. Class discussion, readings, and individual projects. (Distribution credit given for two-three hours only.) LEC.

SPLH 465. Fundamentals of Clinical Phonetics. 1 Hour. S. 
Introduction to classification of American English speech sounds based on articulatory phonetics. Practice in phonetic transcription and analysis of normal and abnormal speech. Laboratory exercises to give students hands-on experience with selected topics from lecture. Prerequisite or Corequisite: SPLH 120. LEC.

SPLH 466. Language Science. 3 Hours. S. 
Introduction to structure/function of human languages as it relates to language development and disorders; processes involved in the expression and reception of language and the methodologies employed to study these processes. LEC.

SPLH 497. Mentored Research Experience. 2-8 Hours. AE61 / S. 
Study may be directed toward either reading for integration of knowledge and insight in Speech-Language-Hearing, or original research in the field. Student creates a plan of activities at the beginning of each semester under the mentor's guidance. Student and mentor review this plan at the end of each semester to evaluate progress. In the final semester of enrollment, student must complete a written report or a public oral presentation detailing the purpose, methods, results, and impact of the research. This final product partially meets the requirements for Research Experience Certification. (Eight hours maximum credit, which may be distributed through 4 semesters. No student may enroll for less than two hours credit or more than 4 hours of credit in a given semester). Prerequisite: Consent of Departmental Research Experience Coordinator. IND.

SPLH 498. Departmental Honors Research. 2-8 Hours. AE61 / S. 
Study may be directed toward either reading for integration of knowledge and insight in Speech-Language-Hearing, or original research in the field. Student creates a plan of activities at the beginning of each semester under the mentor's guidance. Student and mentor review this plan at the end of each semester to evaluate progress. In the final semester of enrollment, student must complete a written report or a public oral presentation detailing the purpose, methods, results, and impact of the research. This final product partially fulfills the requirements for Departmental Honors. (Eight hours maximum credit, which may be distributed through 4 semesters. No student may enroll for less than two hours credit or more than 4 hours of credit in a given semester). Prerequisite: Consent of Departmental Honors Coordinator. IND.

SPLH 499. Directed Study in Speech-Language-Hearing. 1-3 Hours. AE61 / S. 
Investigation of special topic or project selected by the student with advice, approval, and supervision of an instructor. Such study may take the form of directed reading and/or directed research/clinical observation. Individual reports and conferences. (Distribution credit given for two-three hours only.) A maximum of six hours of credit may be counted, with no more than four in a single area of study.) Prerequisite: Consent of instructor. IND.

SPLH 555. Language Sample Analysis Lab. 1 Hour. S. 
The study of the analysis of language produced by children with respect to its phonological, lexical, morphological, syntactic, and pragmatic characteristics. Prerequisite or corequisite: SPLH 566. LAB.

SPLH 566. Language Development. 3 Hours. SI GE35 / S. 
Study of language acquisition in children, including phonologic, morphologic, syntactic, and semantic components. Methods of language measurement, the role of comprehension, and pragmatic aspects of language use are included. May be taught in lecture or online format. LEC.

Research Methods is about the methods used to conduct, describe and evaluate science in communication disorders. Goals for learner outcomes include: 1) evaluation of research including adequacy of research to address scientific and clinical problems; 2) reading, summarizing and describing research through a literature review, 3) describing a hypothetical research study that addresses a specific question or hypothesis identified by the student, and 4) providing constructive peer reviews of research paper drafts. Prerequisite: 9 credits of SPLH course work; English 101 and ENGL 102 (or course meeting core skill in written communication); or consent of instructor. LEC.

SPLH 662. Principles of Speech Science. 3 Hours. N. 
Survey of the physiology of speech production, and the physics of sound. Emphasis upon methodologies in the laboratory study of normal speech. Prerequisite: SPLH 120 and SPLH 320, or concurrent enrollment in SPLH 120 and SPLH 320, or consent of instructor. LEC.

SPLH 663. Principles of Hearing Science. 3 Hours. N. 
Concepts and principles relevant to the normal hearing processes: gross anatomy, psychophysical methods, and basic subjective correlates of the auditory system. Prerequisite: SPLH 120 and SPLH 320, or concurrent enrollment in SPLH 120 and SPLH 320, or consent of instructor. LEC.

SPLH 668. Introduction to Audiological Assessment and Rehabilitation. 4 Hours. U. 
Introduction to methods for assessing and treating hearing disorders in adults and children, as well as conditions that result in hearing loss. Course includes clinical observation and extensive hands-on experience with clinical techniques. Prerequisite: SPLH 663. LEC.

SPLH 670. Beginning Clinical Practice in Audiology. 1-3 Hours. N. 
Testing of hearing using pure tone air and bone conduction tests with both normal and hearing-impaired individuals. Prerequisite: Completion of or concurrent enrollment in SPLH 668. FLD.

SPLH 671. Introduction to Speech-Language Pathology. 4 Hours. U. 
This course provides training in clinical management of communicative disorders in children and adults. Principles of evaluation, application of diagnostic information, intervention planning, intervention process, data collection and application, report writing, and interactions with parents and other professionals are examined. Participation in observation and laboratory activities is required. LEC.
SPLH 672. Clinical Practice in Speech-Language Pathology. 3 Hours. S.
Clinical practice with children and adults. Group and individual conferences with staff required. Repeatable once for credit. Prerequisite: SPLH 671 and consent of instructor. FLD.

SPLH 699. Speech-Language Pathology. 3 Hours. S.
Concepts and principles relevant to the perception of speech with emphasis on the auditory system; acoustics, psychophysical methods, and basic subjective correlates of speech perception. Prerequisite: SPLH 662 and SPLH 663, or consent of instructor. LEC.

SPLH 761. Aural Rehabilitation. 3 Hours.
Study of the communication problems associated with hearing loss. Introduction to aural habilitative intervention related to speech, language, and academic achievement in children with early hearing loss, as well as, communication strategies training for adults with acquired hearing loss. Prerequisite: SPLH 669 or equivalent. LEC.

SPLH 764. Seminar in: . 1-3 Hours.
The subject matter of this seminar will be special topics from speech pathology and audiology. Special prerequisite may be established for a given topic. LEC.

SPLH 784. Proseminar in Communication and Aging. 1 Hour.
A weekly forum for students and faculty to discuss professional issues and interdisciplinary research in communication and aging. May be repeated for credit. (Same as COMS 784.) (Same as PSYC 784.) Prerequisite: Consent of instructor. LEC.

SPLH 799. Proseminar in Child Language. 2 Hours.
A review and discussion of current issues in children’s language acquisition. May be repeated for credit. Students are graded S/F. (Same as ABSC 797, LING 799 and PSYC 799.) (Formerly HDFL 797.) LEC.

SPLH 816. Language Development. 3 Hours.
Study of language acquisition in children, including the morphologic, syntactic, and semantic components. Methods of language measurement, the role of comprehension, and pragmatic aspects of language use will be included. Not open to students who have credit for SPLH 566. Laboratory by appointment. LEC.

SPLH 820. Developmental Phonological Disorders. 2 Hours.
Focuses on speech and non-speech characteristics of children with developmental phonological disorders. Emphasis placed on collection and phonetic transcription of speech samples, phonological analysis of transcribed data, and decision-making processes in assessment and intervention. LEC.

SPLH 822. Dysarthria/Apraxia. 2 Hours.
This course describes the neuroanatomic bases of motor-speech processes, the diagnosis, classification, assessment, prognosis, and treatment of dysarthria(s) and apraxia(s). LEC.

SPLH 824. Fluency Disorders. 2 Hours.
The nature of stuttering in children and adults is discussed. Theories regarding etiology, development, and maintenance of the disorder are presented. Emphasis is placed on various clinical approaches to assessment, measurement, and treatment. LEC.

SPLH 826. Phonatory Disorders. 2 Hours.
This course reviews the function of the laryngeal and respiratory mechanisms including the parameters and processes of phonation. Primary content addresses diagnosis, description, and treatment of organic and non-organic disorders of phonation. LEC.

SPLH 828. Speech Disorders in Special Populations. 2 Hours.
This course reviews anatomy and physiology of the velopharyngeal mechanism. Diagnosis and management of velopharyngeal dysfunction and associated problems considered. Anatomy, physiology, and rehabilitation associated with certain oral, pharyngeal, and laryngeal abnormalities discussed. Emphasis is on the speech problems of adults following medical management. Populations include individuals with laryngectomies, glotectomies, and tracheotomies. LEC.

SPLH 832. Dysphagia. 2 Hours.
This course covers normal and disordered swallowing. Evaluation and treatment of swallowing disorders, the dysphagia team, and dysphagia in special populations are considered. LEC.

SPLH 836. Genetics of Communication and Learning Disorders. 2 Hours.
This course focuses on the description, assessment, and treatment of communication problems associated with particular genetic syndromes (e.g., Down’s, Turner’s syndromes). Also covered are current data about the genetic factors involved in nonsyndromic communication and learning problems, such as those commonly seen in the schools. Ethical and practical issues in these areas are discussed. LEC.

SPLH 840. Language Disorders of Children: Infants and Toddlers. 2 Hours.
This course examines factors relating to language disorders in the birth to three population. At-risk populations, as well as those with known etiologies, are considered. Information on assessment, intervention, and service delivery models is addressed. Issues relating to Public Law 99-457 are also examined. LEC.

SPLH 842. Language Disorders of Children: Preschool. 2 Hours.
This course examines language disorders of preschool-age children in the late preschool years. The course includes information on incidence, characteristics, assessment, and intervention. Theoretical issues and their implication for language intervention are also examined. LEC.

SPLH 844. Language Disorders of Children: School Age. 2 Hours.
This course examines language development during the school years and how problems in this development interact with school performance. Emphasis is placed on the role of the speech-language pathologist in the early identification, assessment, and remediation of language-learning problems. LEC.

SPLH 846. Language Disorders of Adults. 2 Hours.
Neurological aspects of language processes, classification of aphasia, and assessment of language deficits are discussed. Management approaches including intervention strategies and rehabilitation are also considered. LEC.

SPLH 848. Language Disorders of Special Populations. 2 Hours.
This course focuses on the unique language impairments of individuals with mental retardation, autism, cerebral palsy, hearing impairments, dual sensory impairments, and other communication disorders (e.g., ADD). Language characteristics as well as assessment and intervention strategies are studied. LEC.

SPLH 850. Language Disorders Secondary to Closed Head Injury and Dementia. 2 Hours.
Neuroanatomy and physiology relevant to diffuse brain injury are discussed. Characteristics and intervention strategies relating to traumatic brain injury and dementia are studied. LEC.

SPLH 852. Augmentative and Alternative Communication. 2 Hours.
This course describes augmentative and alternative communication (AAC) assessment and intervention issues as they apply to children and adults with both congenital and acquired speech and/or language disabilities. Areas of study include AAC systems, assessment strategies and procedures, intervention strategies, and AAC information resources. LEC.
SPLH 854. Reading Disorders. 2 Hours.
This course addresses the perceptual, linguistic, and cognitive processes utilized in written communication. Acquired and developmental disorders of written language are examined in relation to issues concerning characteristics, etiology, early identification, assessment, and remediation. LEC.

SPLH 860. Evaluation of Speech and Language. 2 Hours.
Provides a general framework for speech and language evaluations. Issues related to initiation and termination of treatment are discussed. Practice is provided in evaluating norm- and criterion-referenced information used in diagnostic, referral, and treatment decisions. LEC.

SPLH 861. Seminar in Research Methodology in Speech Pathology and Audiology: ______. 3 Hours.
This seminar is concerned with the design, instrumentation, execution, and reporting of research in audiology and speech pathology. SPLH 760 or its equivalent and some statistics are recommended before entering this seminar. LEC.

SPLH 862. Clinical Processes. 1 Hour.
Orients student to clinical procedures, policies, requirements, and expectations of program. Therapy models, planning, and philosophies are discussed along with implementation and evaluation of therapy procedures. Professional issues are also considered. May be repeated for credit. LEC.

SPLH 864. Advanced Clinical Practice in Speech-Language Pathology. 1-6 Hours.
Students conduct supervised clinical work in a variety of settings. May be repeated for credit. Prerequisite: Department approval. Group and individual conferences with staff required. FLD.

SPLH 866. Field Study in Speech-Language Pathology. 5-12 Hours.
The field study provides work experiences in clinical and/or research activities. The student takes this course near the end of the degree program. Assignments include supervised work in a variety of approved programs. May be repeated for credit. Prerequisite: Advisor’s consent. FLD.

SPLH 868. Professional Seminar. 1 Hour.
Forum for the presentation and discussion of scientific and professional issues by faculty and advanced graduate students. May be repeated for credit. LEC.

SPLH 874. Research Practicum. 1-3 Hours.
Application of research methodology in a laboratory situation. Emphasis is on direct participation in designing and conducting an experimental investigation in speech, language, or hearing. May be repeated for up to a maximum of 3 credits. Prerequisite: SPLH 660 or equivalent research methods course. RSH.

Investigation of special topics by individual master’s level students. Paper required. Prerequisite: Consent of instructor. RSH.

SPLH 880. Seminar in Speech-Language Pathology: ______. 1-3 Hours.
May be repeated for credit. LEC.

SPLH 898. Investigation and Conference (For Master’s Candidates). 1-8 Hours.
(Limited to eight hours credit toward the M.A. degree.) Directed research and experimentation for M.A. students in some phase of speech science. RSH.

SPLH 899. Master’s Thesis. 1-6 Hours.
THE.

SPLH 900. Proseminar in Communicative Disorders. 1 Hour.
A weekly forum for students and faculty to discuss professional issues and interdisciplinary research in communicative disorders and related fields. May be repeated for credit. Limited to two hours credit counted toward an MA or AuD degree. Limited to four hours credit counted toward the PhD degree. Graded on satisfactory/unsatisfactory basis. SEM.

SPLH 961. Experimental Phonetics I. 3 Hours.
This course will provide a description of the acoustic properties of the major classes of speech sounds, and will describe how these properties are utilized perceptually. It will also provide an understanding of the acoustic theory of speech production, and will discuss the implications of that theory relative to the modification of impaired speech. LEC.

SPLH 962. Experimental Phonetics II. 3 Hours.
This course will examine the current methodologies utilized in speech physiology research, and will review the findings of recent research into the movement patterns of individual speech articulators. The course will emphasize the interpretation of individual research results in terms of an overall theory of speech motor timing and control. LEC.

SPLH 963. Seminar in Hearing Science. 3 Hours.
Considers more advanced research problems in hearing science including psychoacoustics, speech perception, physiology. Prerequisite: Consent of instructor. LEC.

SPLH 964. Seminar in: ______. 1-3 Hours.
The subject matter of this seminar will be special topics from speech pathology and audiology, including those related to research methodology and research or academic careers. Special prerequisites may be established for a given topic. LEC.

SPLH 966. Seminar in Language Development. 3 Hours.
The course pertains to relevant research regarding infant speech development, vocabulary development, linguistic development, articulation development, and language retardation. (Same as ABSC 920, formerly HDFL 920.) LEC.

SPLH 967. Seminar in Articulation. 3 Hours.
Research and important clinical procedures pertaining to discrimination, structural, and physiological considerations, causal factors in defective articulation, and principal therapeutic approaches are carefully examined. LEC.

SPLH 968. Seminar in Communication Disorders. 3 Hours.
Study in depth of the communication behavior associated with brain injury and/or oral anomalies. LEC.

SPLH 969. Laboratory Instrumentation for Speech and Hearing Research. 3 Hours.
Instruments for speech and hearing research, their design and application. Experimental projects using laboratory equipment. Designing equipment for special purposes. Prerequisite: SPLH 962. FLD.

SPLH 970. Independent Study in Problems of Speech and Hearing. 1-6 Hours.
Investigation of special topics by individual students. Paper required. RSH.

SPLH 972. Extensions of Clinical Management. 3 Hours.
This course is designed to provide didactic and practical experience in methods of obtaining diagnostic information and generalization of speech and language responses away from the clinical setting. Models for effecting behavioral change and data collection will be discussed and utilized. FLD.
SPLH 974. Research Practicum. 1-6 Hours.
Application of research methodology in a laboratory situation. Emphasis is on direct participation in designing and conducting an experimental investigation in speech or hearing. FLD.

SPLH 975. Directed Teaching: Speech Pathology and Audiology. 1-3 Hours.
Provides experiences in classroom and laboratory instruction under supervision of graduate faculty. Variable credit to reflect amount of instructional responsibility assumed. May be repeated up to a maximum of six semester hours. FLD.

SPLH 976. Independent Study in Grant Writing. 1-3 Hours.
Students will identify a funding agency appropriate for their research, learn the application procedures for that agency, and draft a grant application following the identified agency's format. The faculty mentor will arrange for a review of the grant application following the agency's review criteria and format. May be repeated up to a maximum of three credits. IND.

SPLH 982. Issues in Scientific Conduct. 3 Hours.
Lectures and discussion on issues in the conduct of a scientific career, with emphasis on practical topics of special importance in behavioral science. Topics will include the academic and scientific roles of behavioral scientists, establishing a research lab, communicating research findings, tenure processes, gender equity, ethical conduct, and good scientific citizenship. Discussions will highlight important case studies. (Same as PSYC 982.) LEC.

SPLH 998. Investigation and Conference (For Doctoral Candidates). 1-8 Hours.
(Limited to eight hours credit towards the Ph.D. degree.) Directed research and experimentation for Ph.D. students in some phase of speech science. RSH.

SPLH 999. Doctoral Dissertation. 1-12 Hours.
THE.

Women, Gender, Sexuality Std Courses

WGSS 101. Introduction to Women, Gender, and Sexuality Studies. 3 Hours. SC AE41/GE3S / S.
This course examines the extensive role of gender in human life and examines the ways that gender structures power relations among individuals and within economic, political, educational and other social structures, with special attention paid to women's issues and movements in the United States and globally. Through readings drawn from the fields of women's studies, gender studies, and sexuality studies, this course examines and explores alternatives to traditional and/or normative constructions of gender and sexuality, and also considers other markers of difference, such as disability, race, class, and religion, which intersect with gender identity and sexual identity. LEC.

WGSS 102. Introduction to Women, Gender, and Sexuality Studies, Honors. 3 Hours. SC AE41/GE3S / S.
This course examines the extensive role of gender in human life and examines the ways that gender structures power relations among individuals and within economic, political, educational and other social structures, with special attention paid to women's issues and movements in the United States and globally. Through readings drawn from the fields of women's studies, gender studies, and sexuality studies, this course examines and explores alternatives to traditional and/or normative constructions of gender and sexuality, and also considers other markers of difference, such as disability, race, class, and religion, which intersect with gender identity and sexual identity. Similar in content to WGSS 201.

Open only to students in the University Honors Program or by consent of the instructor. LEC.

WGSS 177. First Year Seminar: ___. 3 Hours. GE11 / U.
A limited-enrollment, seminar course for first-time freshmen, addressing current issues in Women, Gender and Sexuality Studies. Course is designed to meet the critical thinking learning outcome of the KU Core. First-Year Seminar topics are coordinated and approved by the Office of First-Year Experience. Prerequisite: First-time freshman status. LEC.

WGSS 196. Study Abroad Topics in: ____. 1-6 Hours. S.
This course is designed for the study of special topics in Women's Studies. Coursework must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

WGSS 317. African American Women: Colonial Era to the Present. 3 Hours. H.
This interdisciplinary course covers the history of African American women, beginning in West and Central Africa, extending across the Middle Passage into the Americas, and stretching through enslavement and freedom into the 21st century. The readings cover their experiences through secondary and tertiary source materials, as well as autobiographies and letters, plays and music, and poems, novels, and speeches. (Same as AAAS 317, AMS 317, and HIST 317.) LEC.

WGSS 320. From Goddesses to Witches: Women in Premodern Europe. 3 Hours. HT GE11/GE3H / H.
This course examines the social, cultural, and political contexts of women's spirituality and their relations to gender relations in Europe from about 30,000 B.C.E. to the 16th century Protestant Reformation. Lectures move both chronologically and topically, covering such subjects as goddess-worshiping cultures, women's roles in Christian and Jewish societies, symbols of women, and male attitudes toward women. Students will be able to participate in weekly discussions of primary and secondary source readings about women. (Same as HIST 320.) LEC.

WGSS 321. From Mystics to Feminists: Women's History in Europe 1600 to the Present. 3 Hours. HT AE42/GE11/GE3H / H.
This survey of women's history in Europe looks at changing patterns of women's economic roles and family structures in preindustrial and industrial society, the importance of women in religious life, cultural assumptions underlying gender roles, and the relationship of women to political movements, including the rise of feminism. (Same as HIST 321.) LEC.

WGSS 324. History of Women and the Body. 3 Hours. H.
This course examines different notions about women and their bodies from a historical perspective. It discusses the arguments and circumstances that have shaped women's lives in relation to their bodies, and women's responses to those arguments and circumstances. This course covers a wide geographical and chronological spectrum, from Ancient societies to the present, from Latin America and the Middle East, to North America and Western Europe. (Same as HIST 324.) LEC.

WGSS 327. Perspectives in Lesbian, Gay, Bisexual, and Transgender Studies. 3 Hours. AE41 / S.
An exploration of the experiences and histories of people who identify as lesbian, gay, bisexual, and/or transgender (LGBT); of the influences on these experiences by individuals, the state, and artistic, legal and medical discourses; and of the intersections between sexual orientation, sexuality, ethnicity, class, and religion. LEC.

WGSS 330. Women in Contemporary African Literature. 3 Hours. NW AE42/GE3H / H.
A critical study of issues and questions raised about women in contemporary African literature and implications for the larger society
through the analysis of theme, language, characterization, roles and functions of women in selected works. (Same as AAAS 340.) LEC.

**WGSS 333. The Politics of Physical Appearance.** 3 Hours. AE41 / S.
An interdisciplinary analysis of standards of physical attractiveness and cultural conceptions of women’s bodies. Includes analysis of how these standards change across time and cultural groups, and of the impact of these standards on women as individuals and on social and political outcomes. LEC.

**WGSS 345. Popular Culture in Africa: Spiritual Thrills, Romance and Sexualities.** 3 Hours. H.
This course examines how the different constituents of popular culture mobilize, construct and structure gender, and spiritual and sexual identities in select contemporary African countries. Discussions also focus on how popular culture mediates the contesting spaces of indigenous local constructs and the push and pull of global forces to create geographic and contemporary specificities. (Same as AAAS 345.) LEC.

**WGSS 351. Women and Leadership: The Legislative Process.** 3 Hours. S.
Examines current and historical roles and impacts of women involved in legislatures. Explores what difference women make when they are public officials. Students meet with local women legislators, lobbyists and political officials. Students learn how to analyze issues, access power, lobby, and organize at the grassroots. The course is designed to prepare students for an optional legislative internship during the subsequent semester. LEC.

**WGSS 363. Gendered Modernity in East Asia.** 3 Hours. S.
This course explores rapidly changing gender relationships and the sense of being “modern” in East Asia by examining marriage and family systems, work, education, consumer culture, and geopolitics. The class seeks to understand how uneven state control over men and women shapes desires, practices, and norms and how men and women act upon such forces. Avoiding biological or social determinism, this course treats gender as an analytical category and examines how modern nation-states and global geopolitics are constituted and operated. (Same as ANTH 363 and EALC 363.) LEC.

**WGSS 381. Feminism and Philosophy.** 3 Hours. AE41/GE3H / H.
An examination of topics of philosophical interest that are important in the feminist movement such as the nature of sexism, the concept of sexual equality, the ethics of sexual behavior, the nature of love, feminist analyses of the value of marriage and family, the ethics of abortion and justifications for preferential treatment of women. (Same as PHIL 381.) LEC.

**WGSS 389. The Anthropology of Gender: Female, Male, and Beyond.** 3 Hours. NW AE42/GE21/GE3H/GE3S / S.
This course will introduce students to cultural constructions and performances of masculinity, femininity, and alternative genders across time and space. Topics and cases will be drawn from primarily non-Western cultures, ranging from Japanese markets to Pacific Rim gardens, and from Haitian voudou to Maya royal politics. This course uses research by archeologists, linguists, biological anthropologists, and sociocultural anthropologists. (Same as ANTH 389.) LEC.

**WGSS 396. Studies in:** 3 Hours. H.
The interdisciplinary study of selected and different aspects of women’s studies in different semesters. LEC.

**WGSS 397. Study Abroad Topic in:** 1-6 Hours.
This course is designed for the study of special topics in Women’s Studies at the junior/senior level. Course work must be arranged through the Office of KU Study Abroad. May be repeated for credit if content varies. LEC.

**WGSS 440. Communication and Gender.** 3 Hours. AE41 / S.
Focuses attention on the relationship between communication and gender, including both physical and psychological dimensions. Topics include: sex role orientations and stereotypes; perceived and actual differences in verbal and nonverbal communication behaviors; the influence of gender on communication in a variety of contexts. (Same as COMS 440.) Prerequisite: COMS 130, COMS 150, or COMS 230. LEC.

**WGSS 468. Psychology of Women.** 3 Hours. S.
A survey of the psychological theories about women; similarities and differences in the behavior of women and men; the effects of biological and social factors on the behavior of women and men; and issues of concern to women of different races, sexual orientations, ages, and so forth. (Same as PSYC 468.) Prerequisite: PSYC 104 or WGSS 201. LEC.

**WGSS 498. Independent Study.** 1-3 Hours. S.
Intensive reading or research under faculty supervision culminating in the writing of a paper or research report. IND.

**WGSS 499. Honors in Women’s Studies.** 3 Hours. S.
An individual research project under the direction of a specialist in the area of the student’s interest. May be counted towards the total hours required for the major. Prerequisite: Majors only, with approval of the project advisor and the Women’s Studies honors coordinator. IND.

**WGSS 510. History of American Women: Colonial Times to 1870.** 3 Hours. H.
A survey of women’s history in the United States, which will consider women’s roles as housewives, mothers, consumers, workers, and citizens in pre-industrial, commercial and early industrial America. (Same as AMS 510 and HIST 530.) LEC.

**WGSS 511. History of American Women: 1870 to Present.** 3 Hours. AE41 / H.
A survey of women’s history in the United States, which includes radical and reform movements, the impact of war and depression, professionalization, immigration, women’s work, and the biographies of leading figures in women’s history. (Same as AMS 511 and HIST 531.) LEC.

**WGSS 512. History of Women and Work in Comparative Perspective.** 3 Hours. H.
This course explores the connection between historical changes in the labor process and the occupational choices available to women in different countries. Through discussion and analyses of texts, students will evaluate the construction of a gendered division of work as shaped over time by economic, cultural, and political forces. The chronological and geographical focus may vary depending on the instructor. (Same as AMS 512 and HIST 532.) LEC.

**WGSS 513. Modern American Women in Film and Literature.** 3 Hours. H.
Exploration of the images both real and ideal found in twentieth century popular culture. By using popular culture as social history, it examines the connections between these images and the life experiences of women in the family, at work, in war, and in economic depression. LEC.

**WGSS 515. Gender and Sexuality in Greek Culture.** 3 Hours. H.
This course explores various approaches to the study of gender and sexuality in Greek antiquity. Contents will vary, and the course may focus on methodology and case studies, or on particular themes, historical periods, or artistic or literary genres. No knowledge of Greek or Latin is required. (Same as CLSX 515.) Prerequisite: Graduate status, or 6
WGST 516. Gender and Sexuality in Roman Culture. 3 Hours. H.
This course explores various approaches to the study of gender and sexuality in Roman antiquity. Contents vary, and the course may focus on methodology and case studies, or on particular themes, historical periods, or artistic or literary genres. No knowledge of Greek or Latin is required. (Same as CLSX 516.) Prerequisite: Graduate status, or 6 credit hours in Classics, Greek, Latin, or Women, Gender and "Sexuality Studies; or permission of instructor. LEC.

WGSS 521. Women and Violence. 3 Hours. S.
An examination of research on women and violence, including rape, domestic violence, sexual harassment, stalking, and child sexual abuse. The nature, prevalence, causes, and consequences of violence against women are discussed. (Same as PSYC 521.) Prerequisite: PSYC 104. LEC.

WGSS 530. Gender and Sexuality in Cyberspace. 3 Hours. S.
Students examine the construction of cyberspace as a transnational space and how gender and various categories of sexuality have been constructed in this disembodied arena. Students learn how the Internet helps produce new and alternative modes of expressing and experiencing sexuality and how sexual desires, fantasies, and identities are articulated in this cyberspace LEC.

WGSS 549. History of Feminist Theory. 3 Hours. H.
This discussion course will cover the development of feminist theories from the late Middle Ages to the 1970s. Reading will include Pisan, Wollstonecraft, Mill, Freud, Woolf, Beauvoir, Friedan, Daly, Kristeva, and others. (Same as HIST 649.) LEC.

WGSS 560. Race, Gender, and Post-Colonial Discourses. 3 Hours. H.
An examination of the ways in which the concept of race, gender, and post-colonialism frame African literatures from the Caribbean, North America, and the continent itself. The course will focus on these discourses grounding them in critical frameworks within which they can be contextually analyzed and evaluated, at the same time examining their impact in literary praxis and theory. (Same as AAAS 560.) LEC.

WGSS 562. Women and Politics. 3 Hours. S.
This course exposes students to contemporary research on women and politics by surveying the sub-fields of political science. Topics include women's representation in the U.S., women and U.S. public policy, gender and legal theory, international women's movements, women and revolution, and women as political elites. We will examine the ways in which feminist theory and women's activism have challenged the narrow focus of the discipline as well as redefined women's place in society. (Same as POLS 562.) Prerequisite: A 100-level POLS course or WGSS 201 or permission of instructor. LEC.

WGSS 563. Gender, Sexuality and the Law. 3 Hours. AE41/GE111 / H.
This course provides a broad introduction to Western legal systems (especially the American legal system) and then focuses on how sex, gender, and sexuality operate in and are understood by those systems and how the law is a site of social and political struggle. Topics may include intimate relations, First Amendment law, sexual harassment and employment discrimination; reproduction policies and governance; rape and sexual assault; gender identity discrimination; and the legal understandings and constructions of equal protection and due process. No prior knowledge of legal concepts is necessary. LEC.

WGSS 565. Gender, Culture, and Migration. 3 Hours. H.
This course brings a human face to the 21st century manifestation of globalization by focusing on the issues of culture, gender and migration. How do these three aspects create the "global village" amongst both the host and donor peoples? When people move from one place to another, what do they leave behind, what do they take with them? What is gained, or lost by the host community? What is the impact of migration on a specific group's and individual's sense of identity? How has migration affected the people's construction, understanding, and practice of gender? Given their primary roles in the home and within the culture, these questions and more are posed with particular attention to women. Migration theories, interviews and personal testimonies as well as literary and dramatic works are critical to our analyses of the issues raised and enable us to hold conversations with, and listen to the stories of the ordinary people who make globalization happen and sustain it. (Same as AAAS 565 and AMS 565.) LEC.

WGSS 570. Men and Masculinities. 3 Hours. H.
An intensive examination of the history and theory of masculinities in the Western world. Students become acquainted with some of the key theories of men and masculinities, and develop research projects on a topic negotiated with the instructor. (Same as HIST 626, HWC 570.) Prerequisite: An upper-division course in HIST, HWC, or WGSS; or permission of instructor. LEC.

WGSS 575. Body, Self and Society. 3 Hours. H.
An intensive examination of the role of the human body in the creation of personal and social identities in the Western world. Students become acquainted with contemporary theories of embodiment and the senses as they are applied to a variety of historical themes, and develop research projects on a topic negotiated with the instructor. (Same as HIST 625, HWC 575.) Prerequisite: An upper-division course in HIST, HWC, or WGSS; or permission of instructor. LEC.

WGSS 580. Feminism and Anthropology. 3 Hours. S.
This seminar will introduce students to feminism in anthropology, including feminist theories, methodologies, ethnographic styles, and the history of women in the discipline since the late 1800s. Emphasis is on the social contexts for feminist theory-building since the 1960s and changing ideas about gender and power. (Same as ANTH 580.) Prerequisite: One of the following: ANTH 389, ANTH 460, WGSS 201; or permission of instructor. LEC.

WGSS 583. Love, Sex, and Globalization. 3 Hours. S.
Escalating transnational flows of information, commodities, and people have created innumerable kinds of "intimate" contacts on a global scale, such as mail order brides, child adoption, sex tourism, commodified romance, and emotional labor. Exploring the ways that cultural artifacts of intimacy are rendered, fetishized, and reified in a free market economy, this course examines how discourses on love and sex encounter, confront, and negotiate the logics of the capitalist market, the discrepant narratives of (colonial) modernity, and the ethics of pleasure. In so doing, this course navigates the treacherous interplay among emotions-specifically love, sex, and money, seeking the potential and limits of cultural politics of emotions. (Same as ANTH 583.) LEC.

WGSS 600. Contemporary Feminist Political Theory. 3 Hours. S.
A detailed introduction to feminist thought post-1960. Examines feminism in relation to the categories of political theory: liberal feminism, socialist feminism, radical feminism, and postmodern feminism. Within these categories and separately, we will also consider feminism as it is influenced by women traditionally excluded from mainstream feminist thought, namely U.S. women of color and women of post-colonial societies. (Same as POLS 600.) Prerequisite: WGSS 201 or a 100-level POLS course or permission of instructor. LEC.

WGSS 601. Seminar in Women's Studies. 3 Hours. AE61 / S.
Investigation of a topic related to women from an interdisciplinary perspective. Open only to women's studies majors and required of them. Suggested for the senior year. LEC.
WGSS 630. Politics of Identity. 3 Hours. S.
This seminar explores the nature of identity and how identity is relevant to politics and policy with a focus on political attitudes and behavior, institutions, and public policy. Topics include individual and group identity, identities such as gender, racial, sexual orientation, and partisan, and the enduring importance of identity for understanding politics as well as the policy process. The approach is multidisciplinary but political science perspectives are relied on more heavily. (Same as POLS 630.) Prerequisite: POLS 110 and POLS 306 are recommended. LEC.

WGSS 640. Politics of Reproductive Policy. 3 Hours. S.
Reproductive policy has historically been a highly politicized policy arena, which has elicited attention from the political community as well as the public. This course moves beyond the popular rhetoric associated with reproductive issues, by critically investigating the history, development, implementation and the relative success of various reproductive policies in the United States. These policies are compared to, and assessed against, policies governing similar topics in various countries. (Same as POLS 640.) Prerequisite: POLS 110 or consent of instructor. LEC.

WGSS 646. Witches in European History and Historiography. 3 Hours. H.
This course examines witches, witchcraft, and magic in Europe in the late medieval and early modern period (approximately 1200-1700 C.E.). Particular emphasis will be on the variety of historical and anthropological approaches that have been used to study the subject and their meaning in the context of gender politics and gender theory. (Same as HIST 646.) LEC.

WGSS 650. Service Learning in Women's Studies. 3 Hours. S.
This course, to be taken in the senior year, is designed to give students the opportunity to apply women's studies knowledge and ideas gained through course work to real-life situations in various agencies and women's centers. Open to Women's Studies majors and others with significant Women's Studies backgrounds. Permission of instructor is required. FLD.

WGSS 651. Women and Politics in Latin America. 3 Hours. S.
This course examines the ways in which Latin American women have engaged in politics in the past two decades. Cases will draw from a variety of countries in Latin America. Students are expected to develop insights, through comparative analysis, into why women do politics in certain ways, the role of the State in women's politics, the (dis)advantages of various political strategies, and the ways in which political, economic, and social changes over time have affected women's political opportunities and interests. (Same as POLS 651.) Prerequisite: Six hours of course work in Political Science and/or Women's Studies and/or Latin American Studies. LEC.

WGSS 652. Jazz and American Culture. 3 Hours. H.
This course considers cultural and social histories of jazz, from the 1920s through the present day, as sites for exploring ideological struggles over such fields as race, class, gender, sexuality, democracy, capitalism, freedom, community, Americanness, and globalization in the U.S. The course will explore such questions as the following: What music was called jazz at what times and places? What did it mean to whom? Who played it? Who wrote about it? Who listened to it? Who danced to it? Who policed it? Who produced it? Who used it to rebel? Who used it to survive? What did all of these practices mean to participants? The course will examine struggles over social meanings in the U.S. through a study of jazz performance, labor, representation, marketing, consumption, censorship, and historiography. Prerequisite: A course in American studies, American history, or consent of instructor. (Same as AMS 650.) LEC.

WGSS 653. Gender, War, and Peace. 3 Hours. S.
This course explores ways in which militarization and warfare are gendered processes. We ask, what does war tell us about gender, and what does gender tell us about war? Though the majority of fighters are men, women are essential to war efforts. They also represent a high proportion of the casualties of war. Yet women are rarely examined in relation to war; thus we work to uncover women's experiences of war. We also look to women's contributions to the peace movement in terms of both theory and practice, asking: Is peace a feminist issue? Should feminists support women's access to combat positions or oppose the military? What if women ruled the world--would that end wars? Does militarized masculinity harm men more than benefit them? How do states mobilize citizens to war and how is the process gendered? (Same as POLS 653.) Prerequisite: One of the following: POLS 150, POLS 151, POLS 170, POLS 171, WGSS 201, WGSS 202. LEC.

WGSS 660. Human Reproduction: Culture, Power, and Politics. 3 Hours. S.
This seminar analyzes and critiques the socially constructed nature of reproductive practices and their articulation with relations of power. Topics range from conception to menopause, infertility to population. Cases are drawn from a wide variety of cultural contexts. This course is the second part of a two-semester sequence (beginning with ANTH 650) that examines in detail biological and cultural determinants of human reproduction. (Same as ANTH 660.) Prerequisite: ANTH 650, or 6 hours in Women's Studies, or permission of instructor. LEC.

WGSS 662. Gender and Politics in Africa. 3 Hours. S.
This course is designed to explore the field of gender and African politics. We begin by paying particular attention to African women's political roles during the pre-colonial and colonial society. Next, we examine the impetus, methods, and path of liberation struggles and how gender roles were shaped, shifted, and changed during these struggles. The majority of the class focuses on current issues in African politics, including gender and development; HIV/AIDS and women's health; gender and militarism. We also explore women's roles in political institutions; civil society organizations; trade and labor unions; and transnational movements. We also examine contemporary constructions of masculinity and femininity in African states and explore how these constructions affect social policy and national political agendas. (Same as AAAS 662.) LEC.

WGSS 665. Women, Health, and Healing in Latin America. 3 Hours. S.
This seminar uses a life-cycle approach to examine women's health (physical, mental, and spiritual) and their roles as healers. Special consideration is given to the effects of development programs on well-being, access to health care, and hanging roles for women as healers. Cases will be drawn from a variety of Latin American contexts. (Same as ANTH 665 and LAA 665.) Prerequisite: 6 hours coursework in Anthropology and/or Women's Studies and/or Latin American Studies. LEC.

WGSS 669. Conceptual Issues in Human Sexuality. 3 Hours. S.
An examination of the social construction of sexuality and research methods and issues relevant to sexuality. These concepts are applied to various topics, such as defining and conceptualizing sex and gender, sexual dysfunction, sexual orientation, the social control of sexuality, sexual coercion and abuse, and abstinence-only sex education. The course does not cover anatomical or physiological aspects of sexuality. (Same as PSYC 689.) Prerequisite: PSYC 104 or WGSS 201. LEC.

WGSS 666. Studies in: ____. 3 Hours. S.
Interdisciplinary study of different aspects of women's studies in different semesters. LEC.
WGSS 701. Seminar in: ____. 3 Hours.
A research seminar in women’s studies. Instructor and topic will vary.
LEC.

WGSS 789. Anthropology of Gender: Advanced Seminar in the Four Fields. 3 Hours.
This seminar is intended primarily for graduate students in anthropology or other disciplines who share an interest in any of the subdisciplines of anthropology (archaeology, linguistics, biological anthropology, and sociocultural anthropology) and/or anthropological theories and methods. Undergraduates pursuing Honors or other major research projects are also encouraged to participate. Students will receive training in the contemporary theories, research, and pedagogies informing the anthropology of gender. Class participants will explore how these materials intersect with their current thesis or research projects and develop syllabi specific to their subdiscipline. (Same as ANTH 789). Prerequisite: Permission of instructor. LEC.

WGSS 797. Directed Readings. 1-3 Hours.
Directed reading in an area of women’s studies in which there is no appropriate course in the offerings of the Women’s Studies Program, but in which there is a member of the cooperating graduate faculty competent and willing to direct the program of study. RSH.

WGSS 800. History of Women, Gender and Sexuality Studies. 3 Hours.
An introduction to the field of women, gender, and sexuality studies, paying particular attention to its development, its reception by and influence on academic disciplines, and its institutionalization. Prerequisite: Graduate standing and consent of the instructor. SEM.

WGSS 801. Feminist Theory. 3 Hours.
A survey of contemporary feminist theories produced within and across disciplines (including but not limited to, eco-feminism, and liberal, cultural, materialist, psychoanalytic, radical, and black feminist thought). Prerequisite: Graduate standing and consent of the instructor. LEC.

WGSS 802. Feminist Methodologies. 3 Hours.
An introduction to the methods used in feminist research in the humanities, social sciences, and natural sciences (e.g., quantitative and qualitative research methods, archival research, and oral histories). We will consider examples of applications of each method, the strengths and limitations of each method, and how each method relates to feminist theories and principles. Prerequisite: Graduate standing and consent of the instructor. LEC.

WGSS 803. Topics in Feminist Pedagogy: ____. 0.5 Hours.
The goal of the course is to teach students to teach. By reading core texts of feminist pedagogy, understanding critical theories, and attending seminars at the Center for Teaching Excellence selected by instructor and student, students will learn how to present knowledge and stimulate learning in the classroom, as well as such practical skills as leading discussion sections, preparing and presenting class sessions, developing syllabi, devising fair grading and helpful advising, and solving pedagogical problems like maintaining civility in the classroom and coping with academic misconduct. Must be repeated twice for a total of 1 credit hour while actively teaching. Prerequisite: Must be Women, Gender, and Sexuality Studies graduate students. SEM.

WGSS 804. Topics in Professional Development: ____. 1 Hour.
The goal of this course is to train students in the skills essential to becoming effective scholars and educators, and successful members of the profession. The material to be covered by these three iterations includes 1) the ethics and practice of feminist research (e.g., protection of human subjects, conflicts of interest, confidentiality, legal strictures); 2) the practical aspects of producing knowledge (e.g., writing research papers, proper citation methods, conference presenting, responding to peer reviews); and 3) acquiring and securing a place in the work force (e.g., CV preparation, job interviews, grant writing, getting promotion [and, in the academy, tenure]). Must be repeated three times for a total of 3 credit hours. Prerequisite: Must be Women, Gender, and Sexuality Studies graduate students. SEM.

WGSS 810. Comparative Sexualities. 3 Hours.
Employing an interdisciplinary and comparative perspective, this course introduces the study of human sexuality in various disciplines. Students will also gain an understanding of the historical development and cross-cultural analysis of sexuality research, including the methodological, theoretical, and ethical issues involved in investigating sexual behavior and meanings. Prerequisite: Graduate standing and consent of the instructor. SEM.

WGSS 821. Woman and Violence. 3 Hours.
An examination of research on women and violence, including rape, domestic violence, sexual harassment, stalking, and child sexual abuse. Research on the nature, prevalence, causes, and consequences of violence against women is discussed. (Same as PSYC 821.) Prerequisite: Six hours in WGSS and/or PSYC, or permission of instructor. LEC.

WGSS 835. Colloquium in the History of Gender. 3 Hours.
This colloquium will cover theoretical and topical readings on the history of manhood, womanhood, and gender systems. (Same as AMS 835 and HIST 895.) LEC.

WGSS 836. Colloquium in United States Women’s History. 3 Hours.
This colloquium will cover theoretical and topical readings on the history of women in the United States from the pre-contact period to the present. It is designed to familiarize students with the most important and current historiography in the field. (Same as AMS 836 and HIST 896.) LEC.

WGSS 837. Comparative Colloquium in Women’s History. 3 Hours.
This colloquium will approach the history of women from a comparative perspective through theoretical and topical readings on women in at least two different cultures. (Same as AMS 837 and HIST 897.) LEC.

WGSS 839. Seminar in United States Women’s History. 3 Hours.
This research seminar will focus on the history of women in the United States from the pre-contact period to the present. Students will research and write a paper using primary sources, and present those papers to the seminar for evaluation. (Same as HIST 973 and AMS 973.) LEC.

WGSS 880. Advanced Feminist Anthropology: ____. 3-6 Hours.
Intensive consideration of special problems in feminist anthropology. Topics for the semester to be announced. May be repeated for a total of six hours credit. (Same as ANTH 880.) Prerequisite: Permission of instructor. LEC.

WGSS 889. Conceptual Issues in Human Sexuality. 3 Hours.
An examination of the social construction of sexuality and research methods and issues relevant to sexuality. These concepts are applied to various topics, such as defining and conceptualizing sex and gender, sexual dysfunction, sexual orientation, the social control of sexuality, sexual coercion and abuse, and abstinence-only sex education. The course does not cover anatomical or physiological aspects of sexuality. (Same as PSYC 889.) Prerequisite: Six hours in WGSS and/or PSYC, or permission of instructor. LEC.

WGSS 898. Research Colloquium. 3 Hours.
This course is the "capstone" to the Women’s Studies Graduate Certificate program. Members of the seminar will produce a major paper and will share their research. During the first part of the term a small number of visitors (professors at KU and/or visiting speakers from other universities) will be invited to assign readings and subsequently present
their work on women and gender. Students will be expected to attend the Gender Seminar of the Hall Center for the Humanities. Prerequisite: WGSS 801 and at least 3 hours of other graduate work in the Women’s Studies graduate certificate program, or by special permission. LEC.

**WGSS 999. Doctoral Dissertation. 1-12 Hours.**
Original research that is to be incorporated into a PhD dissertation. THE.