Bachelor of Science in Economics

Why study economics?
Economics offers the tools you need to understand our increasingly interconnected world. With these tools, you can exploit “Big Data” to explore human behavior in numerous economic settings such as labor supply, consumption patterns, health care choices and energy use. You can also examine the overall economy by assessing the links among aggregate output, interest rates, inflation, unemployment levels and international exchange rates.

Undergraduate Admission

Admission to KU
All students applying for admission must send high school and college transcripts to the Office of Admissions. Unless they are college transfer students with at least 24 hours of credit, prospective students must send ACT or SAT scores to the Office of Admissions. Prospective first-year students should be aware that KU has qualified admission requirements that all new first-year students must meet to be admitted. Consult the Office of Admissions (http://admissions.ku.edu) for application deadlines and specific admission requirements.

Visit the Office of International Student and Scholar Services (http://www.iss.ku.edu) for information about international admissions.

Students considering transferring to KU may see how their college-level course work will transfer on the Office of Admissions (http://credittransfer.ku.edu) website.

Admission to the College of Liberal Arts and Sciences
Admission to the College is a different process from admission to a major field. Some CLAS departments have admission requirements. See individual department/program sections for departmental admission requirements.

Economics Majors
The economics department offers 3 degrees.

• The Bachelor of Science degree in economics is designed for the student interested in attending graduate school in economics or a closely related field. It requires the minimum amount of preparation in economics and mathematics required to be successful in graduate study. Students interested in pursuing a Ph.D. in economics are encouraged to double major in economics and mathematics.

• The B.A. or B.G.S. major in economics is designed for the majority of students who will attend professional graduate schools or enter the work force.

First- and Second-Year Preparation
Economics Prerequisite or Co-Requisite Knowledge

Majors must complete courses as specified in each of the following areas. These hours do not contribute to the minimum number of hours required for the major.

College Algebra or Pre-Calculus (18)
Satisfied by:
MATH 101 College Algebra 3
or MATH 104 Pre-calculus Mathematics
Calculus I (4)
Satisfied by:
MATH 125 Calculus I 4
(Students may complete MATH 115 and MATH 116 prior to completing MATH 126)
Calculus II (4)
Satisfied by:
MATH 126 Calculus II 4
(Open for only 2 hours credit to students with credit in MATH 116.)
Calculus III (4)
Satisfied by:
MATH 127 Calculus III 4
OR
MATH 223 Vector Calculus 3

Elementary Linear Algebra (2)
MATH 290 Elementary Linear Algebra 2
or MATH 291 Elementary Linear Algebra, Honors

Statistics (3)
Satisfied by:
MATH 526 Applied Mathematical Statistics I 3
or DSCI 202 Statistics

Economics General Education Requirements
In addition to degree and major requirements, all students must complete the KU Core.

Requirements for the B.S. Degree

Economics Core Knowledge and Skills (18)
Majors must complete a course in each of the five following areas:
Principles of Microeconomics. Satisfied by:
ECON 142 Principles of Microeconomics 3
or ECON 143 Principles of Microeconomics, Honors
Principles of Macroeconomics. Satisfied by:
ECON 144 Principles of Macroeconomics 3
or ECON 145 Principles of Macroeconomics, Honors
Microeconomics. Satisfied by:
ECON 520 Microeconomics 3
or ECON 521 Microeconomics Honors
Macroeconomics. Satisfied by:
ECON 522 Macroeconomics 3
or ECON 523 Macroeconomics Honors
Survey of Microeconomics. Satisfied by:
ECON 700 Survey of Microeconomics 3
Introduction to Econometrics. Satisfied by:
ECON 715 Elementary Econometrics 3
**Economics Required Electives (18)**
Majors must complete 6 courses (18 hours) in economics outside of the core courses at the 500-level or above.

1  ECON 700 and ECON 715 are offered only in the fall semester

**Major Hours & Major GPA**

While completing all required courses, majors must also meet each of the following hour and grade-point average minimum standards:

**Major Hours**
Satisfied by 36 hours of major courses.

**Major Hours in Residence**
Satisfied by a minimum of 15 hours of KU resident credit in the major. (At least 3 of the required elective courses must be taken from the KU Department of Economics.)

**Major Junior/Senior Hours**
Satisfied by a minimum of 24 hours from junior/senior courses (300+) in the major. (At least 9 hours of the required elective courses must be taken from the KU Department of Economics.)

**Major Junior/Senior Graduation GPA**
Satisfied by a minimum of a 2.0 KU GPA in junior/senior courses (300+) in the major. GPA calculations include all junior/senior courses in the field of study including F’s and repeated courses. See the Semester/Cumulative GPA Calculator (http://clas.ku.edu/undergrad/tools/gpa).

Below is a sample 4-year plan for students pursuing the BS in Economics. To view the list of courses approved to fulfill KU Core Goals, please visit the KU Core website (http://kucore.ku.edu/courses).

### Freshman

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 101 (Goal 2.1 Written Communication, First Course, 2 Crs Required, Economics General Ed. Req.)</td>
<td>3</td>
<td>ENGL 102 (Goal 2.1 Written Communication, Second Course, 2 Crs Required, Economics General Ed. Req.)</td>
<td>3</td>
</tr>
<tr>
<td>MATH 104 (Goal 1.2 Quantitative Literacy, Major Pre-Requisite)</td>
<td>5</td>
<td>Goal 2.2 Communication</td>
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Goal 3 Humanities (Economics General Education Requirement)

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<th>Fall</th>
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<tbody>
<tr>
<td>Goal 3 Natural Science (Economics General Education Requirement)</td>
<td>3</td>
<td>MATH 125 or 145 (Goal 1.2, Major Pre-Requisite)</td>
<td>4</td>
</tr>
<tr>
<td>ECON 142 or 143 (Goal 3 Social Science, Social Science SF, Major Requirement)</td>
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### Sophomore

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<tr>
<th>Fall</th>
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<tr>
<td>HUM 204 or 114 (Goal 1.1 Critical Thinking or Goal 4.2 Global Awareness, Economics General Ed. Req.)</td>
<td>3</td>
<td>Goal 4.1 US Diversity</td>
<td>3</td>
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<tr>
<td>ENGL 203, 205, 209, 210, or 211 (Economics General Education Requirement)</td>
<td>3</td>
<td>HUM 205 or 115 (Goal 1.1 Critical Thinking or Goal 4.2 Global Awareness, Economics General Ed. Req.)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (Economics General Education Requirement)</td>
<td>3</td>
<td>MATH 127 or 147 (Major Pre-requisite)</td>
<td>4</td>
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<tr>
<td>MATH 126 or 146 (Major Pre-Requisite)</td>
<td>4</td>
<td>MATH 290 (Major Pre-requisite)</td>
<td>2</td>
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<tr>
<td>ECON 144 or 145 (Goal 3 Social Science, SF: Economics General Education Requirement, Major Requirement)</td>
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<td>ECON 520 or 521 (Major Requirement)</td>
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### Junior

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<tr>
<th>Fall</th>
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<th>Spring</th>
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<tbody>
<tr>
<td>Natural Science &amp; Mathematics (Economics General Education Requirement)</td>
<td>3</td>
<td>Goal 5 Social Responsibility and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 526 or DSCI 202 (Major Pre-requisite)</td>
<td>3</td>
<td>Natural Science &amp; Mathematics (Economics General Education Requirement)</td>
<td>3</td>
</tr>
<tr>
<td>ECON 522 or 523 (Major Requirement)</td>
<td>3</td>
<td>Humanities (Economics General Education Requirement)</td>
<td>3</td>
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<tr>
<td>Elective #300+ (Total Hours)</td>
<td>3</td>
<td>Elective (Total Hours)</td>
<td>2</td>
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<tr>
<td>Elective (Total Hours)</td>
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<th>Spring</th>
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<tbody>
<tr>
<td>Goal 3 Humanities (Economics General Education Requirement)</td>
<td>3</td>
<td>Social Science (SI or SC: Economics General Education Requirement)</td>
<td>3</td>
</tr>
<tr>
<td>Goal 3 Natural Science (Economics General Education Requirement)</td>
<td>3</td>
<td>MATH 125 or 145 (Goal 1.2, Major Pre-Requisite)</td>
<td>4</td>
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### Senior

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<th>Fall</th>
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<th>Spring</th>
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<tbody>
<tr>
<td>ECON Elective 500+ (Major Requirement)</td>
<td>3</td>
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<td>3</td>
</tr>
<tr>
<td>ECON Elective 500+ (Major Requirement)</td>
<td>3</td>
<td>Social Science 300+ (Economics General Ed. Req.)</td>
<td>3</td>
</tr>
<tr>
<td>ECON Elective 500+ (Major Requirement)</td>
<td>3</td>
<td>ECON Elective 500+ (Major Requirement)</td>
<td>3</td>
</tr>
<tr>
<td>Elective 300+ (Total Hours)</td>
<td>3</td>
<td>Elective ($300+ if needed, Total Hours)</td>
<td>3</td>
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</tbody>
</table>

Total Hours: 120
Satisfied by completing 3 courses in each of the following categories: historical studies (requirement code HT), literature and the arts (requirement code HL), and philosophy and religion (requirement code HR).

Satisfied by completing 1 course in 3 of the 4 requirement codes: biological sciences (requirement code NB), earth sciences (requirement code NE), mathematical sciences (requirement code NM), and physical sciences (requirement code NP).

Satisfied by completing 3 courses in each of the following categories: individual behavior (requirement code SI), culture and society (requirement code SC), or public affairs (requirement code SF).

The department requires 6 electives for the BS degree; at least 4 courses must be 600+.

ECON 700 and ECON 715 are only offered in the fall semester.

Please note:

All students in the College of Liberal Arts and Sciences are required to complete 120 total hours of which 45 hours must be at the Jr/Sr (300+) level.

The same course cannot be used to fulfill more than one KU Core Goal. However, overlap of a KU Core course with a major or degree-specific requirement is allowed. Overlapping is recommended to allow more opportunities to explore other majors and/or minors.

Departmental Honors

Graduation with honors in economics is limited to undergraduate majors who have fulfilled these requirements:

1. Completed all economics major requirements and achieved a grade-point average of 3.5 or above in all economics courses and an overall average of 3.25 or above at the time of graduation.
2. Completed ECON 697 Senior Research Honors.
3. Submitted and defended a research paper before at least 3 faculty members of the Department of Economics.

Honors candidates should consult the department honors coordinator before enrolling in the first semester of the senior year and file a declaration of intent form with the coordinator at that time.