Bachelor of Arts in Human Biology

Why study biology?
Study biology because undergraduates should have the opportunity to explore the breadth of biology that allows them to succeed in their chosen paths beyond the university.

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.

First- and Second-Year Preparation

Because biology study requires preparation in other sciences, students should begin meeting major requirements in the first year. It is particularly important to take CHEM 130 and CHEM 135 in the first year and, for several majors, to take CHEM 330, CHEM 331, CHEM 335, and CHEM 336 in the second year. Ideally, most majors should also take BIOL 150 and BIOL 152 during the first year, as well as BIOL 105. Students who have taken BIOL 100 and BIOL 102, have earned an A or B in both courses, and have decided to major in a biological science should consult a UBP advisor to request permission to substitute BIOL 100 and BIOL 102 for BIOL 150.

Admission to the Major

Admission Requirements

Course Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105</td>
<td>Biology Orientation Seminar</td>
<td>1</td>
</tr>
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</table>

Principles of Molecular and Cellular Biology. Satisfied by one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 150</td>
<td>Principles of Molecular and Cellular Biology</td>
<td>4</td>
</tr>
<tr>
<td>or BIOL 151</td>
<td>Principles of Molecular and Cellular Biology, Honors</td>
<td></td>
</tr>
<tr>
<td>BIOL 152</td>
<td>Principles of Organismal Biology</td>
<td>4</td>
</tr>
<tr>
<td>or BIOL 153</td>
<td>Principles of Organismal Biology, Honors</td>
<td></td>
</tr>
</tbody>
</table>

Admission course requirements for Microbiology (14)

Biology Orientation Seminar. Satisfied by:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105</td>
<td>Biology Orientation Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Principles of Molecular and Cellular Biology. Satisfied by one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 150</td>
<td>Principles of Molecular and Cellular Biology</td>
<td>4</td>
</tr>
<tr>
<td>or BIOL 151</td>
<td>Principles of Molecular and Cellular Biology, Honors</td>
<td></td>
</tr>
</tbody>
</table>

Admission course requirements for Molecular Biosciences (Edwards campus) (17)

Principles of Molecular and Cellular Biology. Satisfied by one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 150</td>
<td>Principles of Molecular and Cellular Biology</td>
<td>4</td>
</tr>
<tr>
<td>or BIOL 151</td>
<td>Principles of Molecular and Cellular Biology, Honors</td>
<td></td>
</tr>
<tr>
<td>BIOL 152</td>
<td>Principles of Organismal Biology</td>
<td>4</td>
</tr>
<tr>
<td>or BIOL 153</td>
<td>Principles of Organismal Biology, Honors</td>
<td></td>
</tr>
</tbody>
</table>

Biochemistry, Biology, Human Biology, and Molecular Biosciences Admission GPA

Must have a grade-point average of at least 2.2 based on grades in BIOL 150, BIOL 152, CHEM 135, and BIOL 350 (or equivalents). KU's course repeat policy applies to grade-point average calculation.

Microbiology Admission GPA

Must have a grade-point average of at least 2.2 based on grades in BIOL 150, CHEM 135, and BIOL 350 (or equivalents). Microbiology admission requirements differ from those for Biochemistry, Biology, Human Biology, and Molecular Biosciences, because BIOL 152 is not
required for the B.A. and B.S. degrees in microbiology. KU's course repeat policy applies to grade-point average calculation.

Application Term

Application to the major should occur in the term in which admission requirements will be completed. If the 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 Undergraduate Biology Program for permission for late application. The Undergraduate Biology Program, as part of an approved petition, determines late admission requirements (including grade-point average and course requirements) and the final deadline for admission.

Majors and Concentrations

Bachelor's degree requirements in biology are modified as necessary. Current requirements are available in the UBP office and online (http://www.kuub.ku.edu). Major programs are offered in biochemistry, biology, human biology, and microbiology. Students may choose to concentrate in a range of specialties in the biological sciences, such as botany, cellular biology, developmental biology, environmental biology, ecology, entomology, genetics, marine biology, molecular biology, neurobiology, paleontology, physiology, systematics, or zoology (invertebrate or vertebrate).

Requirements for the B.A. Major in Human Biology

The curriculum builds from a broad background of general science courses and adds depth in a set of 5 specialized disciplines. Courses in the disciplines emphasize topics related to humans and provide a solid understanding of each field of knowledge.

For general requirements for the B.A. degree, see CLAS General Education Degree Requirements (http://catalog.ku.edu/liberal-arts-sciences) on the College of Liberal Arts and Sciences Degree Requirements page.

Students must choose 1 concentration from the 5 areas:
- Anthropology
- Applied behavioral science
- Biology
- Psychology
- Speech-language-hearing

General Science Requirements (33)

Majors must complete the following 33-hour minimum of general science requirements that serve as foundational courses for this major.

Fundamentals of Physical Anthropology. Satisfied by:
- ANTH 304 Fundamentals of Physical Anthropology

Biology Orientation Seminar. Satisfied by:
- BIOL 105 Biology Orientation Seminar

Principles of Molecular & Cellular Biology. Satisfied by one of the following:
- BIOL 150 Principles of Molecular and Cellular Biology
- BIOL 151 Principles of Molecular and Cellular Biology, Honors

Principles of Organismal Biology. Satisfied by one of the following:
- BIOL 152 Principles of Organismal Biology
- BIOL 153 Principles of Organismal Biology, Honors

Calculus. Satisfied by one of the following:
- MATH 115 Calculus I
- MATH 116 and Calculus II
- MATH 125 Calculus I

Chemistry I. Satisfied by one of the following:
- CHEM 130 General Chemistry I
- CHEM 190 Foundations of Chemistry I, Honors

Chemistry II. Satisfied by one of the following:
- CHEM 135 General Chemistry II
- CHEM 195 Foundations of Chemistry II, Honors

Physics I. Satisfied by one of the following:
- PHSX 114 College Physics I
- PHSX 211 and General Physics I Laboratory

Statistics. Satisfied by one of the following:
- BIOL 570 Introduction to Biostatistics (Recommended for the Anthropology and Biology Concentrations)
- PSYC 210 Statistics in Psychological Research (Recommended for the Psychology Concentration)
- MATH 365 Elementary Statistics

Anthropology

Anthropology Concentration (13)

Majors must complete the following 31 hours. These additional science courses are included in the Human Biology-Anthropology major hours and GPA calculations.

Organic Chemistry I. Satisfied by one of the following:
- CHEM 310 Fundamentals of Organic Chemistry
- CHEM 330 Organic Chemistry I

Organic Chemistry I Laboratory. Satisfied by:
- CHEM 331 Organic Chemistry I Laboratory

Cell Structure & Function. Satisfied by one of the following:
- BIOL 416 Cell Structure and Function
- BIOL 536 Cell Structure and Function (Honors)

Principles of Genetics. Satisfied by one of the following:
- BIOL 350 Principles of Genetics
- BIOL 360 Principles of Genetics, Honors

Senior Seminar in Human Biology. Satisfied by:
- BIOL 599 Senior Seminar: _____ (Must be taken in senior year)

Anthropology Concentration Categories (18-21)

Satisfied by completing 2 of the following 4 categories (18-21 hours required):

Category 1: Human Anatomy and Physiology

Biology of Development. Satisfied by:
- BIOL 417 Biology of Development

Anatomy and Physiology. Satisfied by completing 9 hours from the following:
- ANTH 542 Biology of Human Nutrition
- ANTH 648 Human Osteology
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 650</td>
<td>Human Reproduction: Biology and Behavior</td>
</tr>
<tr>
<td>BIOL 426</td>
<td>Laboratory in Cell Biology</td>
</tr>
<tr>
<td>BIOL 440</td>
<td>Advanced Human Anatomy</td>
</tr>
<tr>
<td>BIOL 600</td>
<td>Introductory Biochemistry, Lectures</td>
</tr>
<tr>
<td>BIOL 637</td>
<td>Introductory Biochemistry Laboratory</td>
</tr>
<tr>
<td>BIOL 646</td>
<td>Mammalian Physiology</td>
</tr>
<tr>
<td>BIOL 647</td>
<td>Mammalian Physiology Laboratory</td>
</tr>
</tbody>
</table>

**Category 2: Human Population Biology**
Satisfied by completing 9 hours from the following:
- ANTH 340 Human Variation and Evolution
- ANTH 442 Anthropological Genetics
- ANTH 544 Origins of Native Americans
- ANTH 545 Contemporary Health Issues in Africa
- ANTH 652 Population Dynamics

**Category 3: Human Adaptation and Evolution**
Satisfied by completing 9 hours from the following:
- ANTH 350 Human Adaptation
- ANTH 352 Controversies on the Living and the Dead
- ANTH 503 Topics in Biological Anthropology: _____
- ANTH 555 Evolution of Human Diseases
- ANTH 549 Human Paleontology: Fossil Apes to Australopithecus
- ANTH 550 Human Paleontology: Homo Erectus to Homo Sapiens

**Category 4: Human Biology and Behavior**
Satisfied by completing 9 hours from the following:
- ANTH 359 Anthropology of Sex
- ANTH 447 Human Behavioral Genetics
- ANTH 461 Introduction to Medical Anthropology
- ANTH 754 Biological Bases of Human Behavior
- PSYC 370 Behavioral Neuroscience
- PSYC 536 The Psychology of Language

## 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 31 hours of major courses.

**Major Hours in Residence**
Satisfied by a minimum of 15 hours of KU resident credit in the major.

**Major Junior/Senior Hours**
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the major.

**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).

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### Applied Behavioral Science

**Applied Behavioral Science Concentration (15)**

Majors must complete the following 33 hours. These additional science courses are included in the Human Biology-Applied Behavioral Science major hours and GPA calculations.

- **Principles of Genetics.** Satisfied by one of the following: 4
  - BIOL 350 Principles of Genetics
  - BIOL 360 Principles of Genetics, Honors

**Introduction to Applied Behavioral Science.** Satisfied by:
- ABSC 100 Introduction to Applied Behavioral Science 3

**Development.** Satisfied by one of the following:
- ABSC 160 Introduction to Child Behavior and Development 3
- PSYC 333 Child Development

**Research Methods & Application.** Satisfied by:
- ABSC 308 Research Methods and Application 4

**Senior Seminar in Human Biology.** Satisfied by:
- BIOL 599 Senior Seminar: _____ (Must be taken in senior year.) 1

**Applied Behavioral Science Concentration Categories (18-19)**

Satisfied by completing 2 of the following 4 categories (18-19 hours required):

- **Category 1:** Applied Behavioral Science
  - Principles and Procedures of Behavior Modification and Therapy. Satisfied by:
    - ABSC 304 The Principles and Procedures of Behavior Modification and Therapy

**Applied Behavioral Science.** Satisfied by completing 6 hours selected from the following courses:
- ABSC 150 Community Leadership
- ABSC 310 Building Healthy Communities
- or ABSC 311 Building Healthy Communities, Honors
- ABSC 350 The Behavioral Treatment of Children with Autism
- ABSC 410 Behavioral Approaches in Working with Adolescents
- ABSC 437 Independent Living and People with Disabilities

- **Category 2:** Development: Typical and Atypical
  - Child Behavior and Development. Satisfied by:
    - ABSC 632 Advanced Child Behavior and Development

**Development: Typical and Atypical.** Satisfied by completing 6 hours selected from the following:
- ABSC 535 Developmental Psychopathology
- ABSC 565 Applied Developmental Psychology
- BIOL 417 Biology of Development

- **Category 3:** Biology of Behavior

**Physiology of Organisms.** Satisfied by:
- BIOL 408 Physiology of Organisms

**Biology of Behavior.** Satisfied by completing 6 hours selected from the following:
- ANTH 542 Biology of Human Nutrition
- BIOL 435 Introduction to Neurobiology
- BIOL 440 Advanced Human Anatomy
- BIOL 454 Brain Diseases and Neurological Disorders
- BIOL 646 Mammalian Physiology
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 33 hours of major courses.

Major Hours in Residence
Satisfied by a minimum of 15 hours of KU resident credit in the major.

Major Junior/Senior Hours
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the major.

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).

Biology

Biology Concentration (14)

Majors must complete the following 32 hours. These additional science courses are included in the Human Biology-Biology major hours and GPA calculations.

Organic Chemistry I. Satisfied by one of the following: 3

- CHEM 310 Fundamentals of Organic Chemistry
- CHEM 330 Organic Chemistry I

Organic Chemistry I Laboratory. Satisfied by:

- CHEM 331 Organic Chemistry I Laboratory 2

Physics II. Satisfied by one of the following: 4

- PHSX 115 College Physics II
- PHSX 212 General Physics II
  & PHSX 236 and General Physics II Laboratory

Principles of Genetics. Satisfied by one of the following: 4

- BIOL 350 Principles of Genetics
- BIOL 360 Principles of Genetics, Honors

Senior Seminar in Human Biology. Satisfied by:

- BIOL 599 Senior Seminar: _____ (Must be taken in senior year.)

Biology Laboratory Electives. Course selections from the following categories must include at least 3 hours of laboratory credit, 400 level or above.

**Biology Concentration Categories (18-20)**

Satisfied by completing 2 of the following 4 categories listed below. (18-20 hours required) (Course selections must include at least 3 hours of laboratory credit, 400 level or above.)

**Category 1: Development and Genetics**

- BIOL 417 Biology of Development
- Development and Genetics. Satisfied by completing 6 hours from the following:
  - ABSC/PSYC 535 Developmental Psychopathology
  - ANTH 762 Human Growth and Development
  - BIOL 405 Laboratory in Genetics
  - BIOL 416 Cell Structure and Function
  - BIOL 536 Cell Structure and Function (Honors)
  - BIOL 595 Human Genetics
  - BIOL 655 Behavioral Genetics
  - BIOL 688 The Molecular Biology of Cancer
  - PSYC 333 Child Development
  - PSYC 430 Cognitive Development
  - PSYC 531 Language Development
  - SPLH 566 Language Development

**Category 2: Evolution, Culture, and Behavior**

- ANTH 340 Human Variation and Evolution
- ANTH 341 Human Evolution
- ANTH 350 Human Adaptation
- ANTH 652 Population Dynamics
- BIOL/GEOG 410 Human Biogeography, Honors
- BIOL 414 Principles of Ecology
The University of Kansas

BIOL 668  Evolutionary Ecology
PSYC 555  Evolutionary Psychology

Category 4: Human Disease
Fundamentals of Microbiology. Satisfied by one of the following:
BIOL 400  Fundamentals of Microbiology
BIOL 401  Fundamentals of Microbiology, Honors

Human Disease. Satisfied by completing 6 hours selected from the following:
ANTH 555  Evolution of Human Diseases
BIOL 402  Fundamentals of Microbiology Laboratory
BIOL 503  Immunology
BIOL 504  Immunology Laboratory
BIOL 506  Bacterial Infectious Diseases
BIOL 507  Pathogenic Microbiology Laboratory
BIOL 512  General Virology
BIOL 513  Virology Laboratory
BIOL 518  Microbial Genetics
BIOL 519  Microbial Genetics Laboratory
BIOL 595  Human Genetics
BIOL 616  Medical Entomology
BIOL 688  The Molecular Biology of Cancer

Total Hours  
32-34

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 32 hours of major courses.

Major Hours in Residence
Satisfied by a minimum of 15 hours of KU resident credit in the major.

Major Junior/Senior Hours
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the major.

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).

Psychology

Psychology Concentration (13)
Majors must complete the following 31 hours. These additional science courses are included in the Human Biology-Psychology major hours and GPA calculations.

Organic Chemistry I. Satisfied by one of the following:  
3
CHEM 310  Fundamentals of Organic Chemistry
CHEM 330  Organic Chemistry I

Organic Chemistry I Laboratory. Satisfied by:
CHEM 331  Organic Chemistry I Laboratory  
2

Principles of Genetics. Satisfied by one of the following:  
4
BIOL 350  Principles of Genetics
BIOL 360  Principles of Genetics, Honors

Research Methods. Satisfied by:
PSYC 200  Research Methods in Psychology  
3

Senior Seminar in Human Biology. Satisfied by:
BIOL 599  Senior Seminar: _____ (Must be taken in senior year.)  
1

Psychology Concentration Categories (18)
Satisfied by completing 2 of the following 4 categories listed below. (18 hours required)

Category 1: Evolution, Adaptation and Health
Satisfied by completing 9 hours selected from the following:
PSYC 555  Evolutionary Psychology
PSYC 605  Health Psychology
ANTH 340  Human Variation and Evolution
ANTH 341  Human Evolution

Category 2: Human Development
Child Development. Satisfied by:
PSYC 333  Child Development
PSYC 334  Child Development, Honors

Human Development. Satisfied by completing 6 hours selected from the following:
PSYC 430  Cognitive Development
PSYC/ABSC 535  Developmental Psychopathology

Category 3: Human Cognition and Language
Cognitive Psychology. Satisfied by:
PSYC 318  Cognitive Psychology

Human Cognition & Language. Satisfied by completing 6 hours selected from the following:
PSYC 418  Introduction to Cognitive Science
PSYC 482  Sensation and Perception
PSYC 518  Human Memory

Category 4: Neuroscience
Satisfied by completing 9 hours selected from the following:
PSYC 370  Behavioral Neuroscience
PSYC 375  Cognitive Neuroscience
PSYC 380  Clinical Neuroscience
ANTH 650  Human Reproduction: Biology and Behavior
BIOL 435  Introduction to Neurobiology
BIOL 454   Brain Diseases and Neurological Disorders  
BIOL 655   Behavioral Genetics

**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 31 hours of major courses.

**Major Hours in Residence**
Satisfied by a minimum of 15 hours of KU resident credit in the major.

**Major Junior/Senior Hours**
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the major.

**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](http://clas.ku.edu/undergrad/tools/gpa)).

**Speech-Language-Hearing**

**Speech-Language-Hearing Concentration (12)**
Majors must complete the following 30 hours. These additional science courses are included in the Human Biology-Speech-Language-Hearing major hours and GPA calculations.

**Physics. Satisfied by one of the following:**
- SPLH 120   The Physics of Speech
- PHSX 115   College Physics II

**Research Methods. Satisfied by:**
- SPLH 660   Research Methods in Speech-Language-Hearing

**Genetics. Satisfied by one of the following:**
- BIOL 350   Principles of Genetics
- BIOL 360   Principles of Genetics, Honors

**Senior Seminar in Human Biology. Satisfied by:**
- BIOL 599   Senior Seminar: _____ (Must be taken in senior year.)

**Speech-Language-Hearing Concentration Categories (18-19)**
Satisfied by completing 2 of the following 4 categories (18-19 hours required).  

Category 1: Development and Genetics
- BIOL 417   Development and Genetics

Category 2: Anatomy and Physiology
- ANTH 762   Human Growth and Development
- BIOL 405   Laboratory in Genetics
- BIOL 416   Cell Structure and Function
- or BIOL 536   Cell Structure and Function (Honors)
- BIOL 595   Human Genetics
- BIOL 655   Behavioral Genetics
- PSYC 333   Child Development
- PSYC 430   Cognitive Development
- SPLH 464   Undergraduate Seminar in: _____

Category 3: Neuroscience
- SPLH 464   Seminar in: _____
- SPLH 466   Language Science
- SPLH 566   Language Development

Category 4: Research Practicum
- SPLH 464   Undergraduate Seminar in: _____ (Neural Bases of Speech & Voice)
- SPLH 464   Undergraduate Seminar in: _____ (Speech Motor Control)

Sample 4-year plans for the BA degree in Human Biology with concentrations in the following can be found here: Anthropology ([http://catalog.ku.edu/liberal-arts-sciences/biology/ba-human-biology/anthropology](http://catalog.ku.edu/liberal-arts-sciences/biology/ba-human-biology/anthropology)), Applied Behavioral Science ([http://catalog.ku.edu/liberal-arts-sciences/biology/ba-human-biology/behavioral-science](http://catalog.ku.edu/liberal-arts-sciences/biology/ba-human-biology/behavioral-science)).

**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 30 hours of major courses.

**Major Hours in Residence**
Satisfied by a minimum of 15 hours of KU resident credit in the major.

**Major Junior/Senior Hours**
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the major.

**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](http://clas.ku.edu/undergrad/tools/gpa)).

Sample 4-year plans for the BA degree in Human Biology with concentrations in the following can be found here: Anthropology ([http://catalog.ku.edu/liberal-arts-sciences/biology/ba-human-biology/anthropology](http://catalog.ku.edu/liberal-arts-sciences/biology/ba-human-biology/anthropology)), Applied Behavioral Science ([http://catalog.ku.edu/liberal-arts-sciences/biology/ba-human-biology/behavioral-science](http://catalog.ku.edu/liberal-arts-sciences/biology/ba-human-biology/behavioral-science)).

Departmental Honors

Undergraduate majors are eligible to graduate with honors in biology if they fulfill the following requirements:

1. Complete all course work required for the appropriate degree in biology.
2. Achieve a minimum grade-point average of 3.25 overall and 3.5 in the major.
3. Complete BIOL 499 Introduction to Honors Research with a grade of B or higher.
4. Complete BIOL 699 Biology Honors Research Colloquium with a grade of B or higher.
5. Complete an independent research project under the supervision of a faculty member in an area appropriate to the degree sought.
6. Submit an honors thesis to the honors committee once the research is complete and present the results of the completed research at the honors research symposium.

Students majoring in Human Biology with Anthropology, Applied Behavioral Science, Psychology, or Speech-Language-Hearing concentrations will follow the honors requirements for their respective concentration department.

Specific guidelines and intent forms are available in the Undergraduate Biology Program office and online (http://www.kuub.ku.edu). Candidates must declare their intent to graduate with honors at least 2 semesters before graduation.

Study Abroad

Consult an advisor at least 4 months before undertaking study abroad. Consult the Office of Study Abroad (http://www.studyabroad.ku.edu), 108 Lippincott Hall, for information about study in one of the many countries (e.g., Scotland, Australia, Switzerland) with special arrangements with KU.