Bachelor of Science in Environmental Studies

Why study environmental studies?
The KU Environmental Studies Program provides a rigorous interdisciplinary education and stimulates exchange concerning the environment from natural science, social science, and humanities perspectives.

Requirements for the B.S. Degree

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

Environmental Studies Prerequisite or Co-requisite Knowledge

Mathematics (0)
Majors must complete the following:

- Calculus. Satisfied by one of the following:
  - MATH 115  Calculus I
  - MATH 116  and Calculus II
  - MATH 121  Calculus I

Statistics. Satisfied by one of the following:
- MATH 365  Elementary Statistics
- GEOG 316  Methods of Analyzing Geographical Data
- BIOL 570  Introduction to Biostatistics

Supporting Laboratory Science (0)
Majors must complete one of the following:

- Principles of Physical Geography and Intro Lab to in Physical Geography. Satisfied by:
  - GEOG 104  Principles of Physical Geography
  - GEOG 105  and Introductory Laboratory in Physical Geography

Introduction to Geology, Honors and Geological Fundamentals Laboratory. Satisfied by:
- GEOL 102  The Way The Earth Works, Honors
- GEOL 103  and Geology Fundamentals Laboratory

Introduction to Geology and Geological Fundamentals Laboratory. Satisfied by:
- GEOL 101  The Way The Earth Works
- GEOL 103  and Geology Fundamentals Laboratory

Fundamentals of Organic Chemistry and Organic Chemistry Laboratory. Satisfied by:
- CHEM 310  Fundamentals of Organic Chemistry
- CHEM 331  and Organic Chemistry I Laboratory

Or
- CHEM 330  Organic Chemistry I
- CHEM 331  and Organic Chemistry I Laboratory

Biology and Ecology (0)
Majors must complete the following:

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

Chemistry (0)
Majors must complete the following:

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

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

Environmental Studies Core Requirements

Environmental Studies Introduction to Science and Culture (10)
Majors must complete both of the following:

- Global Environment I: The Discovery of Environmental Change. Satisfied by one of the following:
  - EVRN 140  Global Environment I: The Discovery of Environmental Change
  - EVRN 144  Global Environment I: Discovery of Environmental Change, Honors

- Global Environment II: The Ecology of Civilization. Satisfied by one of the following:
  - EVRN 142  Global Environment II: The Ecology of Human Civilization
  - EVRN 145  Global Environment II: The Ecology of Human Civilization, Honors

Environmental Studies Core Knowledge and Skills (12)
Majors must complete a course in each of the following areas:

- Environmental Policy Analysis. Satisfied by:
  - EVRN 320  Environmental Policy Analysis

- Environmental Law. Satisfied by:
  - EVRN 332  Environmental Law

- Field Ecology. Satisfied by:
  - EVRN 460  Field Ecology

- Capstone Experience. Satisfied by:
  - EVRN 615  Capstone Project

Environmental Studies Required Electives/Options (0)
Majors must select an option or design their own. Self-designed emphases must be approved in their entirety by an environmental studies advisor and the undergraduate studies director before implementation. Each option requires 4 courses at the 300+ level.

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
Bachelor of Science in Environmental Studies

Satisfied by a minimum of 24 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).

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

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<th>Junior</th>
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<td>Goal 2.1 Written Communication (First Course, 2 Crs Required)</td>
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<td>Goal 2.1 Written Communication (Second Course, 2 Crs Required)</td>
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<td>MATH 103 (Pre-requisite for Major Requirement)</td>
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<td>MATH 106 (Major Requirement)</td>
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<td>Goal 2.2 Oral Communication</td>
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<td>EVRN 142 (Goal 3 Natural Science, Major Requirement)</td>
<td>5</td>
<td>CHEM 130 (Goal 1.2 Quantitative Reasoning or Goal 3 Natural Science, Major Requirement)</td>
<td>5</td>
<td>EVRN 140 Supporting Laboratory Science LEC (Major Requirement)</td>
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<td>EVRN 140 (Goal 3 Natural Science, Major Requirement)</td>
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<td>Elective (Total Hours)</td>
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<td>BIOL 150 (Goal 3 Natural Science, Major Requirement)</td>
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<td>Elective 300+ (Total Hours)</td>
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**Senior**

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<td>Goal 5 Social Responsibility &amp; Ethics</td>
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<td>EVRN 332 (Major Requirement)</td>
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<td>EVRN 615 (Goal 6 Integration &amp; Creativity, Major Requirement)</td>
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<td>EVRN 460 (Major Requirement)</td>
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<td>EVRN Elective 300+ (Major Requirement)</td>
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1 Refer to the Degree Requirements tab for a list of courses that can fulfill this major requirement.

2 A total of 12 hours of EVRN 300+ electives are required for the major. Students are encouraged to choose courses based on an emphasis area in consultation with an advisor.

3 EVRN 332 and EVRN 460 are Fall only courses. EVRN 142 and EVRN 320 are Spring only courses.

**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.

**Departmental Honors**

To graduate with honors in environmental studies, an undergraduate must maintain a minimum overall grade-point average of 3.25 and 3.5 in the major. The student must also complete an individual honors research project in cooperation with a faculty mentor. This project normally represents 2 semesters of original work, the completion of 3 credit hours of EVRN 624 Independent Study, and 3 credit hours of EVRN 625 Honors Research in Environmental Studies. All 6 hours may be applied to the 12 hours of environmental studies electives required for the major. Upon completion of the research project, honors candidates are required to present the results of their work at the department’s Undergraduate Research Colloquium.