ENVIRONMENTAL STUDIES - B.A.

College of Arts and Sciences
Department of Geography
www.kent.edu/geography

About This Program
The Environmental Studies B.A. program combines scientific, social and policy perspectives to provide you with a comprehensive understanding of environmental issues. Enroll now and become an agent for positive change.

Contact Information
- Program Coordinator: David Kaplan (Kent Campus) | dkaplan@kent.edu | 330-672-3221
  Chris Post (Stark Campus) | cpost2@kent.edu
- Speak with an Advisor
  - Kent Campus
  - Stark Campus
- Chat with an Admissions Counselor: Kent Campus | Regional Campuses

Program Delivery
- Delivery: In person
- Location:
  - Kent Campus
  - Stark Campus

Examples of Possible Careers and Salaries*
Compliance officers
- 4.6% about as fast as the average
- 337,600 number of jobs
- $71,100 potential earnings

Environmental science teachers, postsecondary
- 3.7% about as fast as the average
- 7,600 number of jobs
- $84,740 potential earnings

Environmental scientists and specialists, including health
- 7.8% faster than the average
- 90,900 number of jobs
- $73,230 potential earnings

Environmental science and protection technicians, including health
- 8.4% much faster than the average
- 34,700 number of jobs
- $46,850 potential earnings

Forestry and conservation science teachers, postsecondary
- 2.2% slower than the average
- 2,100 number of jobs
- $87,400 potential earnings

* Source of occupation titles and labor data comes from the U.S. Bureau of Labor Statistics’ Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

Admission Requirements
The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

First-Year Students on the Kent Campus: First-year admission policy on the Kent Campus is selective. Admission decisions are based upon cumulative grade point average, strength of high school college preparatory curriculum and grade trends. Students not admissible to the Kent Campus may be administratively referred to one of the seven regional campuses to begin their college coursework. For more information, visit the admissions website for first-year students.

First-Year Students on the Regional Campuses: First-year admission to Kent State's campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, as well as the Twinsburg Academic Center, is open to anyone with a high school diploma or its equivalent. For more information on admissions, contact the Regional Campuses admissions offices.

International Students: All international students must provide proof of English language proficiency unless they meet specific exceptions. For more information, visit the admissions website for international students.

Transfer Students: Students who have attended any other educational institution after graduating from high school must apply as undergraduate transfer students. For more information, visit the admissions website for transfer students.

Former Students: Former Kent State students or graduates who have not attended another college or university since Kent State may complete the reenrollment or reinstatement form on the University Registrar's website.

Admission policies for undergraduate students may be found in the University Catalog.

Some programs may require that students meet certain requirements before progressing through the program. For programs with progression requirements, the information is shown on the Coursework tab.
Program Requirements

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10110</td>
<td>BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)</td>
<td>4</td>
</tr>
<tr>
<td>ENVS 22070</td>
<td>NATURE AND SOCIETY (KSS)</td>
<td>3</td>
</tr>
<tr>
<td>ENVS 30105</td>
<td>CAREER PATHWAYS IN ENVIRONMENTAL STUDIES</td>
<td>1</td>
</tr>
<tr>
<td>ENVS 32091</td>
<td>ENVIRONMENTAL STUDIES AND SUSTAINABILITY</td>
<td>2</td>
</tr>
<tr>
<td>ENVS 42099</td>
<td>INTEGRATIVE SENIOR PROJECT (ELR) (WIC)</td>
<td>2</td>
</tr>
<tr>
<td>ESCI 21062</td>
<td>ENVIRONMENTAL EARTH SCIENCE (KBS)</td>
<td>3</td>
</tr>
</tbody>
</table>

Biological Sciences Elective, choose from the following:

- BSCI 30274: FORESTRY
- BSCI 30275: LOCAL FLORA (ELR)
- BSCI 30277: ECONOMIC BOTANY
- BSCI 30360: GENERAL ECOLOGY
- BSCI 30361: BIOGEOGRAPHY
- BSCI 30362: INTRODUCTION TO BIOLOGY OF THE TROPICS
- BSCI 30370: CLIMATE CHANGE BIOLOGY
- BSCI 40170: STREAM BIOLOGY
- BSCI 40222: INVASION BIOLOGY
- BSCI 40365: FIELD METHODS IN ORNITHOLOGY (ELR)
- BSCI 40375: ENVIRONMENTAL BIOLOGY AND MANAGEMENT
- BSCI 40525: WILDLIFE RESOURCES (ELR)
- BSCI 40558: MAMMALOLOGY
- BSCI 40560: HERPETOLOGY

Geography Elective, choose from the following:

- GEOG 41051: NATURAL DISASTERS AND SOCIETY
- GEOG 41066: GLOBAL CLIMATE CHANGE
- GEOG 41074: RESOURCE GEOGRAPHY
- GEOG 41082: GEOGRAPHY OF SOILS
- GEOG 41195: SPECIAL TOPICS IN ENVIRONMENTAL GEOGRAPHY

Earth Science Elective, choose from the following:

- ESCI 33025: WATER AND THE ENVIRONMENT
- ESCI 42065: WATERSHED HYDROLOGY
- ESCI 42066: PHYSICAL HYDROGEOLOGY

Methods Elective, choose from the following:

- BSCI 40224: QUANTITATIVE METHODS IN BIOLOGY
- ESCI 42030: REMOTE SENSING
- ESCI 42035: DATA ANALYSIS IN THE EARTH SCIENCES
- GEOG 49070: GEOGRAPHIC INFORMATION SCIENCE
- GEOG 49073: ENVIRONMENTAL DATA ANALYSIS IN R
- GEOG 49230: REMOTE SENSING
- SOC 32210: RESEARCHING SOCIETY (ELR) (WIC)

Social Sciences Electives, choose from the following:

- ARCS 30421: ENVIRONMENTAL IMPERATIVES
- ECON 32084: ECONOMICS OF THE ENVIRONMENT
- ENG 35105: LITERATURE, CULTURE AND ENVIRONMENT
- ENVS 30000: ENVIRONMENTAL PROTECTION REGULATIONS AND ASSESSMENT
- ENVS 46092: INTERNSHIP IN ENVIRONMENTAL STUDIES (ELR)
- ENVS 49195: SPECIAL TOPICS IN ENVIRONMENTAL STUDIES

Graduation Requirements

Minimum Major GPA: 2.000
Minimum Overall GPA: 2.000

Foreign Language College Requirement, B.A.
Students pursuing the Bachelor of Arts degree in the College of Arts and Sciences must complete 14-16 credit hours of foreign language.1
To complete the requirement, students need the equivalent of Elementary I and II in any language, plus one of the following options2:

1. Intermediate I and II of the same language
2. Elementary I and II of a second language
3. Any combination of two courses from the following list:
   - Intermediate I of the same language
   - ARAB 21401
   - ASL 19401
   - CHIN 25421
All students with prior foreign language experience should take the foreign language placement test to determine the appropriate level at which to start. Some students may start beyond the Elementary I level and will complete the requirement with fewer credit hours and fewer courses. This may be accomplished by (1) passing a course beyond Elementary I through Intermediate II level; (2) receiving credit through one of the alternative credit programs offered by Kent State University; or (3) demonstrating language proficiency comparable to Elementary II of a foreign language. When students complete the requirement with fewer than 14 credit hours and four courses, they will complete remaining credit hours with general electives.

1 Certain majors, concentrations and minors may require specific languages, limit the languages from which a student may choose or require coursework through Intermediate II. Students who plan to pursue graduate study may need particular language coursework.

2 This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

### University Requirements

All students in a bachelor’s degree program at Kent State University must complete the following university requirements for graduation.

- **Flashes 101 (UC 10001)**
  - 1 credit hour
  - Course is not required for students with 30+ transfer credits (excluding College Credit Plus) or age 21+ at time of admission.

- **Diversity Domestic/Global (DIVD/DIVG)**
  - 2 courses
  - Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.

- **Experiential Learning Requirement (ELR)**
  - Varies
  - Students must successfully complete one domestic and one global course, of which one must be from the Kent Core.

- **Kent Core (see table below)**
  - 36-37 credit hours

- **Writing-Intensive Course (WIC)**
  - 1 course
  - Students must earn a minimum C grade in the course.

- **Upper-Division Requirement**
  - 39 credit hours
  - Students must successfully complete 39 upper-division (numbered 30000 to 49999) credit hours to graduate.

- **Total Credit Hour Requirement**
  - 120 credit hours

### Kent Core Requirements

- **Kent Core Composition (KCMP)**
  - 6

- **Kent Core Mathematics and Critical Reasoning (KMCR)**
  - 3

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**Roadmap**

This roadmap is a recommended semester-by-semester plan of study for this major. However, courses designated as critical (!) must be completed in the semester listed to ensure a timely graduation.

**Semester One**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENVS 22070 NATURE AND SOCIETY (KSS)</td>
<td>3</td>
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<tr>
<td>UC 10001 FLASHES 101</td>
<td>1</td>
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<tr>
<td>Kent Core Requirement</td>
<td>3</td>
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<td>3</td>
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<td>3</td>
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</table>

**Credit Hours**

- 13

**Semester Two**

<table>
<thead>
<tr>
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<td>BSCI 10110 BIOLOGICAL DIVERSITY (ELR) (KBS) (KLAB)</td>
<td>4</td>
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<td>3</td>
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</table>

**Credit Hours**

- 16

**Semester Three**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Geography Elective</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences Elective</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>4</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
</tr>
<tr>
<td>Kent Core Requirement</td>
<td>3</td>
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</table>

**Credit Hours**

- 16

**Semester Four**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ENVS 30105 CAREER PATHWAYS IN ENVIRONMENTAL STUDIES</td>
<td>1</td>
</tr>
<tr>
<td>Biological Sciences Elective</td>
<td>2-4</td>
</tr>
<tr>
<td>Methods Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>Foreign Language</td>
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</table>

Kent Core Requirement

- 3

General Electives

- 4

**Credit Hours**

- 17

**Semester Five**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Social Sciences Elective</td>
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<tr>
<td>Earth Science Elective</td>
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<tr>
<td>Foreign Language</td>
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<tr>
<td>General Electives</td>
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**Credit Hours**

- 15

**Semester Six**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ENVS 32091 ENVIRONMENTAL STUDIES AND SUSTAINABILITY</td>
<td>2</td>
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<tr>
<td>Social Sciences Elective</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>3</td>
</tr>
<tr>
<td>General Electives</td>
<td>6</td>
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**Credit Hours**

- 14

**Semester Seven**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
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<tr>
<td>Social Sciences Elective</td>
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<tr>
<td>General Electives</td>
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**Credit Hours**

- 14

**Semester Eight**

<table>
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<tr>
<th>Course</th>
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<tr>
<td>ENVS 42099 INTEGRATIVE SENIOR PROJECT (ELR) (WIC)</td>
<td>2</td>
</tr>
<tr>
<td>Social Sciences Elective</td>
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<tr>
<td>General Electives</td>
<td>9</td>
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</tbody>
</table>

**Credit Hours**

- 14

**Minimum Total Credit Hours:**

- 120
Kent Core Humanities and Fine Arts (KHUM/KFA) (min one course each) 9
Kent Core Social Sciences (KSS) (must be from two disciplines) 6
Kent Core Basic Sciences (KBS/KLAB) (must include one laboratory) 6-7
Kent Core Additional (KADL) 6
Total Credit Hours: 36-37

Program Learning Outcomes

Graduates of this program will be able to:

1. Demonstrate an understanding of the environment and how it relates to human activity, human resource needs and human cognition.
2. Analyze the interconnections between environmental and human systems and how those play out in particular problem areas.
3. Evaluate how environmental problems are framed and how public attitudes and policies can be harnessed to provide solutions to environmental degradation.

Full Description

The Bachelor of Arts degree in Environmental Studies prepares students to integrate concepts and knowledge on environmental issues from across multiple disciplines and to communicate about these in important ways. Basic scientific knowledge about environmental processes is used to inform different social goals. Students develop a set of key competencies in earth systems science, environmental social science, human-natural systems and sustainability science to be able to solve specific environmental problems.

Environmental Studies students may apply early to the M.S. degree in Geography and double count 9 credit hours of graduate courses toward both degree programs. See the Combined Bachelor’s/Master’s Degree Program policy in the University Catalog for more information.