

## **Fall 2020 Course Offerings**

### **For ENVS Majors Who Declared Between Fall 2013 and Spring 2017**

#### **NATURAL SCIENCE REQUIREMENTS**

##### **Introductory Course**

|           |                                       |
|-----------|---------------------------------------|
| ENVS 1000 | Introduction to Environmental Studies |
|-----------|---------------------------------------|

##### **Biology Sequence**

|           |                       |
|-----------|-----------------------|
| EBIO 1210 | General Biology 1     |
| EBIO 1230 | General Biology 1 lab |

##### **Chemistry or Physics Course**

|           |                            |
|-----------|----------------------------|
| CHEM 1011 | Environmental Chemistry 1  |
| CHEM 1113 | General Chemistry 1        |
| CHEM 1114 | General Chemistry 1 lab    |
| PHYS 1110 | General Physics 1          |
| PHYS 2010 | General Physics 1 with lab |

##### **Earth Science Sequence**

|           |   |
|-----------|---|
| ATOC 1050 | Weather and the Atmosphere                              |
| ATOC 1060 | Our Changing Environment                                |
| ATOC 1070 | Weather and the Atmosphere lab                          |
| GEOG 1001 | Environmental Systems 1—Climate and Vegetation with lab |
| GEOG 1011 | Environmental Systems 2—Landscapes and Water with lab   |
| GEOL 1010 | Exploring Earth   |
| GEOL 1012 | Exploring Earth for Scientists                          |
| GEOL 1020 | History of a Habitable Planet                           |
| GEOL 1030 | Introduction to Geology lab 1                           |
| GEOL 1040 | Geology of Colorado                                     |
| GEOL 1060 | Global Change 1—An Earth Science Perspective            |
| GEOL 2001 | Planet Earth  |
| GEOL 2005 | Introduction to Earth Materials                         |

##### **Intermediate Natural Science**

|           |                                |
|-----------|--------------------------------|
| EBIO 2040 | Principles of Ecology with lab |
|-----------|--------------------------------|

#### **SOCIAL SCIENCE REQUIREMENTS**

##### **Intermediate Social Science**

|               |  |
|---------------|--|
| ENVS 3030-001 | Topics in Environmental Social Science: Foundations of Environmental Justice |
| ENVS 3033     | Governing the Environment  |

#### **VALUES REQUIREMENTS**

##### **Introductory Economics**

Students are responsible for knowing and abiding by co- and prerequisites. Read course descriptions.

\*Contact host department to enroll.

ECON 2010 Principles of Microeconomics

### Intermediate Economics

ECON 3535 Natural Resource Economics  
ECON 3545 Environmental Economics

### Ethics

ENVS/PHIL 3140 Environmental Ethics  
PSCI 3064 Environmental Political Theory

### POLICY REQUIREMENT

PSCI 2106 Introduction to Public Policy Analysis  
PSCI 2116 Introduction to Environmental Policy  
PSCI 3206 The Environment & Public Policy

### MATH REQUIREMENT

#### Statistics

EBIO 4410 Biological Statistics  
GEOG/GEOL 3023 Statistics for Geography  
MATH 2510 Introduction to Statistics  
PSCI 2075 Quantitative Research Methods  
PSYC 2111 Psychological Science 1: Statistics  
SOCY 2061 Introduction to Social Statistics

#### Calculus I

MATH 1300 Calculus 1  
MATH 1310 Calculus for Life Sciences  
APPM 1350 Calculus 1 for Engineers

### WRITING REQUIREMENT

ENVS 3020 Advanced Writing in Environmental Studies  
EBIO 3930 Written Communication in the Sciences

### APPLICATION REQUIREMENT

ENVS 3930 Internship (<https://www.colorado.edu/envs/undergraduate-studies/internships-careers/student>)  
ENVS 4050 Field Studies in Environmental Sciences (contact [eve.hinckley@Colorado.EDU](mailto:eve.hinckley@Colorado.EDU) to enroll)  
EDUC 4833 Teaching and Learning Earth Systems and Analysis  
EVEN 4100 Environmental Sampling  
GEOL 2700 Introduction to Field Geology

### CORNERSTONE REQUIREMENT

ENVS 3525 Intermediate Environmental Problem Analysis: Topical Cornerstone

Students are responsible for knowing and abiding by co- and prerequisites. Read course descriptions.

\*Contact host department to enroll.

- Section 001: Sustainable Food Systems
- Section 002: Land Use Ethics
- Section 003: Health and the Built Environment  
Energy, Policy & Society

ENVS 3621

## SPECIALIZATION REQUIREMENT

|                              |  |
|------------------------------|--|
| ENVS/PHYS 3070               | Energy & the Environment   |
| ENVS/ATOC 3600/<br>GEOG 3601 | Principles of Climate  |
| ENVS 3621                    | Energy, Policy & Society   |
| <del>ENVS 4100-001</del>     | <del>Special Topics in Environmental Studies: Leadership in Environmental Sustainability</del> |
| ENVS 4100-002                | Mathematics of Human-environment Systems   |
| ENVS/GEOG 4201               | Biometeorology   |
| ATOC 4550                    | Mountain Meteorology   |
| ATOC 4730                    | Physical Oceanography and Climate  |
| CVEN 4404                    | Water Chemistry  |
| CVEN 4414                    | Water Chemistry Laboratory   |
| EBIO 3190                    | Tropical Marine Ecology  |
| EBIO/APRD 3523               | The Art and Strategy of Science Communication: Branding Climate Change                         |
| EBIO 3590                    | Plants and Society   |
| EBIO 4060                    | Landscape Ecology  |
| EBIO 4800-004                | Critical Thinking in Biology: Microbial Ecology  |
| ECON 3403                    | International Economics & Policy   |
| GEOG 3053                    | GIS: Mapping   |
| GEOG 3251                    | Mountain Geography   |
| GEOG 3402                    | Natural Hazards  |
| GEOG 3511                    | Principles of Climate  |
| GEOG 3622                    | Cities of the Global South   |
| GEOG 3682                    | Geography of International Development   |
| GEOG 3822                    | Geography of China   |
| GEOG 3692                    | Introduction to Global Public Health   |
| GEOG/GEOL 4093               | Remote Sensing of the Environment  |
| GEOG/GEOL 4241               | Principles of Geomorphology  |
| GEOG 4371                    | Forest Geography: Principles & Dynamics  |
| GEOG 4712                    | Political Geography  |
| GEOG 4742                    | The Geography of Food and Agriculture  |
| GEOG 4812                    | Environment and Development in South America   |
| GEOL 3030                    | Introduction to Hydrogeology   |
| GEOL 3040                    | Global Change: The Recent Geological Record  |
| GEOL 3820                    | The Fluid Earth  |
| HIST 4416                    | Environmental History of North America   |
| HONR 4075                    | Environmental Justice  |
| PSCI 4012                    | Global Development   |
| SOCY 3012                    | Women and Development  |
| SOCY 4007                    | Global Human Ecology   |

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## CAPSTONE REQUIREMENT

|           |   |
|-----------|---|
| ENVS 4800 | Capstone: Critical Thinking in Environmental Studies <ul style="list-style-type: none"><li>• Section 001: Risk and Resilience</li><li>• Section 002: Philosophy of Climate Science</li><li>• Section 003: Climate Justice</li></ul> |
| ENVS 4850 | ENVS Honors Thesis Research<br>( <a href="https://www.colorado.edu/envs/undergraduate-studies/honors">https://www.colorado.edu/envs/undergraduate-studies/honors</a> )  |
| ENVS 4990 | Senior Thesis (Contact Dale.Miller@colorado.edu)  |

## Continuing Education On-line Courses – note additional charges apply to these classes (<https://ce.colorado.edu/#>)

### Intermediate Social Science

|               |   |
|---------------|---|
| ENVS 3032-581 | Environment, Media and Society (August 31-October 16) |
|---------------|---|

### Cornerstone

|               |   |
|---------------|---|
| ENVS 3520-581 | Energy and Climate Change: An Interdisciplinary Approach (October 19-December 11) |
|---------------|---|

### Specialization

|               |  |
|---------------|--|
| ENVS 3005-581 | Environmental Education: From Theory to Practice (August 31-December 11) |
| ENVS 3007-581 | Animal Ethics and Policy (October 19-December 11)                        |