

## Fall 2019 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: Climate and Vegetation
- GEOG 1011 Environmental Systems: Landscapes and Water
- GEOL 1010 Exploring Earth
- GEOL 1012 Exploring Earth for Scientists
- GEOL 1020 Dodos, Dinos, and Deinococcus: The History of a Habitable Planet
- GEOL 1030 Intro to Geology Lab I
- GEOL 1040 Geology of Colorado
- GEOL 1060 Global Change: 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

#### 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 3545 Environmental Economics

### Ethics

- ENVS/PHIL 3140 Environmental Ethics

### 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 Biometry
- GEOG/GEOL 3023 Statistics for Geography
- MATH 2510 Introduction to Statistics (QRMS)
- PSCI 2075 Quantitative Research Methods (QRMS)
- PSYC 2111 Psychological Science 1: Statistics
- SOCY 2061 Introduction to Social Statistics (QRMS)

#### Calculus I

- MATH 1300 Calculus 1 (QRMS)
- MATH 1310 Calculus for Life Sciences(QRMS)
- APPM 1350 Calculus 1 for Engineers (QRMS)

### WRITING REQUIREMENT

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

### APPLICATION REQUIREMENT

- ~~• ENVS/IAFS 3640 Global Data Analysis~~
- ENVS 3930 Internship\*
- ENVS 4050 Field Studies in Environmental Sciences
- EBIO 4090 Coral Reef Ecology\*
- EDUC 4833 Teaching and Learning Earth Systems and Analysis\*
- GEOL 2700 Introduction to Field Geology

### CORNERSTONE REQUIREMENT

- ENVS 3525-001 Intermediate Environmental Problem Analysis: Topical Cornerstone:  
Sustainable Food Systems
- ENVS 3621 Energy, Policy & Society

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## SPECIALIZATION REQUIREMENT

- ENVS/EBIO 3040 Conservation Biology
- ENVS/PHYS 3070 Energy & the Environment
- ENVS/ATOC 3600/  
GEOG 3601 Principles of Climate
- ENVS 3621 Energy, Policy & Society
- ENVS 4100-001 Special Topics in Environmental Studies: Leadership in Environmental Sustainability
- ENVS/GEOG 4201 Biometeorology
- ATOC 3070/GEOL  
3070 Introduction to Oceanography
- ATOC 4550 Mountain Meteorology
- ATOC 4700 Weather Analysis & Forecasting
- ATOC 4720 Introduction to Atmospheric Physics & Dynamics
- ATOC 4730 Physical Oceanography and Climate
- ATOC 4750 Desert Meteorology and Climate
- CVEN 4404 Water Chemistry
- CVEN 4414 Water Chemistry Laboratory
- EBIO 3190 Tropical Marine Ecology
- EBIO 4060 Landscape Ecology
- EBIO 4800-001 Critical Thinking in Biology: Soil Ecology
- EBIO 4800-002 Critical Thinking in Biology: Microbial Ecology
- ECON 3403 International Economics & Policy
- ECON 3784 Economic Development & Policy
- GEOG 3053 GIS: Mapping
- GEOG 3251 Mountain Geography
- GEOG 3402 Natural Hazards
- GEOG 3511 Introduction to Hydrology with lab
- GEOG 3622 Cities of the Global South
- GEOG 3682 Geography of International Development
- GEOG 3882 Geography of the Former Soviet Union
- GEOG 3822 Geography of China
- GEOG 3862 Geography of Africa
- GEOG/GEOL 4093 Remote Sensing of the Environment
- GEOG/GEOL 4241 Principles of Geomorphology
- GEOG 4371 Forest Geography: Principles & Dynamics
- GEOG 4742 Food
- 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
- PSCI 3206 The Environment and Public Policy
- PSCI 4012 Global Development
- SOCY 3002 Population and Society\*

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

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- SOCY 3012 Women and Development\*
- SOCY 4007 Global Human Ecology\*
- SOCY 4027 Inequality, Democracy, & the Environment

## **CAPSTONE REQUIREMENT**

- ENVS 4800-001 Capstone: Critical Thinking in Environmental Studies: Risk and Resilience
- ENVS 4800-002 Capstone: Critical Thinking in Environmental Studies: Resilience in Complex Systems
- ENVS 4800-004 Capstone: Critical Thinking in Environmental Studies: Climate Justice
- ENVS 4990 Senior Thesis\*