

## Fall 2020 Course Lists for ENVS Majors Declaring the Major Fall 2017 or Later

### Introductory Sequence in Environmental Studies

ENVS 1000	Introduction to Environmental Studies
ENVS 1001	Introduction to Environmental Solutions

### Introductory Sequence in Biology or Earth Science

EBIO 1210	General Biology 1
EBIO 1230	General Biology 1 lab
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

### Introductory Sequence in Chemistry or Physics

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 + lab

### Intermediate Natural Science

ENVS/ATOC 3600/	
GEOG 3601	Principles of Climate
EBIO 2040	Principles of Ecology
GEOG 3511	Introduction to Hydrology
GEOL 2001	Planet Earth
GEOL 2005	Introduction to Earth Materials

### SOCIAL SCIENCE REQUIREMENTS

#### Intermediate Policy

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

#### Intermediate Social Science

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

### VALUES REQUIREMENTS

#### Economics

ECON 2010 Principles of Microeconomics and  
ECON 3535 Natural Resource Economics or  
ECON 3545 Environmental Economics

**Ethics**

ENVS/PHIL 3140 Environmental Ethics  
PSCI 3064 Environmental Political Theory

**SKILLS REQUIREMENTS**

**Statistics or Calculus 1**

EBIO 4410 Biological Statistics  
GEOG/GEOL 3023 Statistics and Geographic Data  
MATH 2510 Introduction to Statistics  
PSCI 2075 Quantitative Research Methods  
PSYC 2111 Psychological Science 1: Statistics  
SOCY 2061 Introduction to Social Statistics  
MATH 1300 Calculus 1  
MATH 1310 Calculus for Life Sciences  
APPM 1350 Calculus 1 for Engineers

**Writing**

ENVS 3020 Advanced Writing in Environmental Studies

**Application**

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

- Section 001: Sustainable Food Systems
- Section 002: Land Use Ethics
- Section 003: Health and the Built Environment

ENVS 3621 Energy, Policy & Society

**CAPSTONE REQUIREMENT**

ENVS 4800 Capstone: Critical Thinking in Environmental Studies

- Section 001: Risk and Resilience
- Section 002: Philosophy of Climate Science
- Section 003: Climate Justice

ENVS 4850 ENVS Honors Thesis Research (<https://www.colorado.edu/envs/undergraduate-studies/honors>)

ENVS 4990 Senior Thesis (contact Dale.Miller@colorado.edu )

**SPECIALIZATION REQUIREMENT**

ENVS/PHYS 3070 Energy & the Environment  
ENVS/ATOC 3600/  
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 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