Fall 2026 Course List for ENVS Majors

NATURAL SCIENCE REQUIREMENTS

Introductory Sequence in Environmental Studies

ENVS 1000 (4)	Introduction to Environmental Studies	
ENVS 1001 (4)	Introduction to Human Dimensions of Environmental Solutions	

Introductory Sequence in Biology or Earth Science

ATOC 1050 (3)^	Weather and the Atmosphere	
	• Section 581 & 582	CE1
ATOC 1060 (3)^	Our Changing Environment: El Nino, Ozone, and Climate	
	• Section 581	CE 2
ATOC 1070 (1)	Weather and the Atmosphere Lab	
EBIO 1210 (3)^	General Biology 1	
	• Section 300E	CE13wk
	• Section 581	CE1
EBIO 1220 (3)^	General Biology 2	
	• Section 300E	CE13wk
ERTH 1010 (3)	Exploring Earth	
ERTH 1012 (3) ^	Exploring Earth for Scientists	
	• Section 581 & 582	CE13wk
ERTH 1020 (3)	Dodos, Dinos, and Deinococcus: The History of a Habitable Planet	
	• Section 581 & 582	CE13wk
ERTH 1030 (1)	Introduction to Earth Science Laboratory 1	
ERTH 1040 (3)	Geology of Colorado	
ERTH 1060 (3)	Global Change: An Earth Science Perspective	
ERTH 1150 (3)	Water, Energy and Environment: An Introduction to Earth Resources	
ERTH 1170 (3)	Our Deadly Planet	
ERTH 2001 (4)	Planet Earth	
GEOG 1001 (4)^	Our Changing Planet—Climate and Vegetation with lab	
	• Section 581	CE13wk
	• Section 582	CE10wk
GEOG 1011 (4)^	Our Changing Planet—Landscapes and Water with lab	
	• Section 581	CE13wk
	• Section 582	CE10wk

Introductory Sequence in Chemistry or Physics

CHEM 1011 (3)	Environmental Chemistry 1
CHEM 1113 (4)	General Chemistry 1
CHEM 1114 (1)	General Chemistry 1 lab
PHYS 1110 (4)	General Physics 1 (calculus-based)
PHYS 2010 (5)	General Physics 1 (algebra-based)

Intermediate Natural Science

EBIO 2040 (4)	Principles of Ecology

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ENVS 2000 (4)	Applied Ecology for Environmental Studies	
ENVS/ATOC 3600/	Principles of Climate	
ERTH 2001 (4)	Planet Earth	
ERTH 2005 (4)	Introduction to Earth Materials	
GEOG 3511 (4)*	The Water Cycle	
GEOG 3601 (3)*^	Principles of Climate	
	• Section 581	CE10wk

SOCIAL SCIENCE REQUIREMENTS

Intermediate Policy

PSCI 2106 (3)	Introduction to Public Policy Analysis	
PSCI 3206 (3)*	The Environment and Public Policy	

Intermediate Social Science

ENVS 3032 (3)^~	Environment, Media and Society	CE 10wk
ENVS 3033 (3)	Governing the Environment	
ENVS 3034 (3)	Foundations of Environmental Justice	
ENVS 3034 (3)^	Foundations of Environmental Justice	CE 10wk

VALUES REQUIREMENTS

Economics

ECON 2010 (4)	Principles of Microeconomics	
ECON 3535 (3)	Natural Resource Economics	
ECON 3545 (3)	Environmental Economics	

Ethics

ENVS/PHIL 3140 (3)^	Environmental Ethics	
	• Section 003	Meets online

SKILLS REQUIREMENTS

Statistics or Calculus 1

APPM 1350 (4)	Calculus 1 for Engineers	
EBIO 1010 (3)	Introduction to Statistics and Quantitative Thinking for Biologists	
EBIO 4410 (4)	Biological Statistics	
ERTH 3023/ GEOG 3023 (4)^	Statistics and Geographic Data	
	• Section 581	CE10wk
MATH 1300 (5)^	Calculus 1	
	• Section 300E & 581	CE13wk
MATH 2510 (3)^	Introduction to Statistics	
	• Section 300E	CE13wk
	• Section 581	CE10wk
PSCI 2075 (3)^	Quantitative Research Methods	
	• Section 581	CE13wk
SOCY 2061 (3)^	Introduction to Social Statistics	

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Writing

ENVS 3020 (3)^~ Advanced Writing in Environmental Studies CE13wk

Application

ENVS 3005 (3)~* Environmental Education: From Theory to Practice CE13wk

ENVS 3100 (3)* Topics in Applied Environmental Studies

- Section 581~: Human-Wildlife Interaction CE13wk
- Section 582~: Conservation Biology in Latin America CE10wk
- 801: Field Ecology of Boulder. Instructor permission required.

ENVS 3930 (3)* Internship

EBIO 4090 (3)* Coral Reef Ecology (Programs>Education Abroad (Colorado.edu))

EBIO 4320 (4)* Conservation Planning and Structured Decision Making

EBIO 4460 (3)* Special Topics:

- Section 804: TBD
- Section 806: TBD
- Section 807: TBD
- Section 809: TBD
- Section 810: TBD

CORNERSTONE REQUIREMENT

ENVS 3520 (3)~ Energy and Climate Change: An Interdisciplinary Approach CE1

Ever think about what keeps the lights on, and what it costs the planet? This course explores the resources we depend on, how we use them, and the impacts they have on climate, policy, and the economy. Since fossil fuels are still the biggest player, we'll take a close look at their role in climate change and the carbon cycle. We'll connect science to real-world challenges, like making ethical choices and protecting the environment, and you'll understand why energy knowledge matters in your own future career. The class is designed to be flexible and supportive, so that it is both manageable and rewarding. Recommended prerequisite: a two-course sequence in any natural science.

Textbooks: All materials will be provided by your instructor free of cost.

ENVS 3525 (3)*^ Intermediate Environmental Problem Analysis: Topical Cornerstone

- Section 001: Conservation, History, and Society
- Section 002: Wildlife and Rewilding
- Section 581: Climate Change and Migration CE2

Climate Change and Migration Course description: While migration has historically been driven by economic, political, and social factors, climate-related stressors are now recognized as compounding these challenges. In this course, we will explore how climate change drives human migration across spatial and temporal scales. We will focus on case studies from around the world and examine how both sudden-onset events (like floods and cyclones) and slow-onset events (like drought and salinization) influences migration. We will also explore various forms of migration - such as permanent vs. temporary, voluntary vs. forced, and rural-to-urban migration. In addition, the gendered dimensions of migration, experiences of left-behind populations and health-related consequences of migration will be examined. Students will utilize foundational and interdisciplinary articles, as well as grounded examples to develop a better understanding of the complex relation between climate change and migration.

ENVS 3621 (3)* Energy Policy and Society

CAPSTONE REQUIREMENT

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ENVS 4800 (3) Capstone: Critical Thinking in Environmental Studies (students may take only one ENVS 4800 class)

- Section 001: Data for Development
  - What do we know about the current state of poverty? human health? education? food security? gender equality? the environment? Where are the biggest data gaps, and how can filling these gaps assist governments in targeting interventions and in tracking, monitoring and accelerating progress towards the sustainable development goals? In this capstone course you will tackle this problem head on, competing and collaborating with your peers, in the compilation, scrutinization and analysis of a diverse range of data sets, generated at different scales, from both boots on the ground and eyes in the sky, to create information and actionable insights for world development
- Section 002: Climate Justice
  - Climate change presents problems of historic complexity, scale, and injustice, and exacerbates inequalities between nations and social groups. Through engagement with readings, writing, film, case studies, discussion, and a radio journalism project, this course explores the social and political dimensions of climate justice on a global scale. Students will apply their learning to re-imagine possibilities for social change in a warming world.
- Section 003: Climate Change in the Rocky Mountains
  - This class will explore the specific challenges and potential adaptations posed by the "too much summer" aspect of the changing climate in the Colorado Rocky Mountains

ENVS 4850 (3) ENVS Honors Thesis Research (contact Cassandra.Brooks@colorado.edu to enroll)

SPECIALIZATION REQUIREMENT

ATOC 3070 (3)^ Introduction to Oceanography

- Section 581 CE1
- Section 582 CE2

ATOC 3500 (3) Air Chemistry and Pollution

ATOC 4730 (3) Physical Oceanography and Climate

ATOC 4750 (3) Desert Meteorology and Climate

CINE 3041 (3) Environmental Cinema

COMM 3380 (3) Advanced Topics in Storytelling, Culture, & Climate

CVEN 4404 (3) Water Chemistry

EBIO 3190 (3)^ Tropical Marine Ecology

- Section 581 CE1
- Section 582 CE2

EBIO 3523 (3) The Art and Strategy of Science Communication: Branding Climate Change

EBIO 3590 (4) Plants and Society

EBIO 4030 (3) Limnology

EBIO 4800 (3) Critical Thinking in Biology:

- Section 002: Microbial Ecology
- Section 003: Soil Ecology

ECON 3403 (3) International Economics and Policy

ERTH 3030 (3) Introduction to Hydrology

ERTH 3040 (3) Global Change: The Recent Geological Record

ERTH 3820 (4) The Fluid Earth

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ERTH 3950 (3)	Natural Catastrophes and Geologic Hazards	
GEOG 3053 (4)^	Geographic Information Science: Mapping	
	• Section 581	CE10wk
GEOG 3251 (3)~	Mountain Geosystems	
	• Section 581	CE13wk
	• Section 582	CE10wk
GEOG 3402 (3)~	Natural Hazards	
GEOG 3422 (3)	Political Ecology	
GEOG 3612 (3)	Reimagining Cities: Spaces of Power, Privilege, and Possibility	
GEOG 3682 (3)^	International Development: Economics, Power, and Place	
	• Section 581	CE10wk
GEOG 3692 (3)^	Introduction to Global Public Health	
	• Section 582	CE10wk
GEOG 3812 (3)	Mexico, Central America, and the Caribbean	
GEOG 4093 (4)	Remote Sensing of the Environment	
GEOG 4241 (4)	Earth Surface Processes	
GEOG 4371 (3)	Forest Geography: Principles and Dynamics	
GEOG 4501 (3)	Water Issue in the American West	
GEOG 4712 (3)	Political Geography	
GEOG 4772 (3)	Food and Power	
PACS 3860 (3)	Environmental Conflict and Conflict Resolution	
SOCY 3012 (3)^	Gender and Development	
	• Section 581	CE1
SOCY 4037 (3)~	Hazards, Disasters and Society	
	• Section 581	CE13wk
SOCY 4052 (3)^	Social Inequalities in Health	
	• Section 581	CE1
SOCY 4117 (3)~	Food and Society	CE13wk

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