

Spring 2025 Course Lists 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 Studies

Introductory Sequence in Biology or Earth Science

ATOC 1050 (3) ^	Weather and the Atmosphere
ATOC 1060 (3) ^	Our Changing Environment
ATOC 1070 (1)	Weather and the Atmosphere Lab
EBIO 1210 (3) ^	General Biology 1
EBIO 1220 (3) ^	General Biology 2
EBIO 1240 (1)	General Biology 2 Lab
EBIO 1100 (3)	Biology and Society
EBIO 1110 (1)	Biology and Society lab
GEOG 1001 (4)	Our Changing Planet—Climate and Vegetation + Lab
GEOG 1011 (4)	Our Changing Planet—Landscapes and Water + Lab
GEOL 1010 (3) ^	Exploring Earth
GEOL 1012 (3)	Exploring Earth for Scientists
GEOL 1020 (3) ^	History of a Habitable Planet
GEOL 1030 (1)	Introduction to Geology Lab
GEOL 1040 (3)	Geology of Colorado
GEOL 1060 (3)	Global Change: An Earth Science Perspective
GEOL 1150 (3)	Water, Energy and Environment: An Introduction to Earth Resources
GEOL 1170 (3)	Our Deadly Planet
GEOL 2001 (4)	Planet Earth

Introductory Sequence in Chemistry or Physics

CHEM 1113 (4)	General Chemistry 1
CHEM 1114 (1)	General Chemistry 1 lab
PHYS 2010 (5)	General Physics 1
PHYS 1110 (4)	General Physics 1

Intermediate Natural Science

ENVS 2000 (4)	Applied Ecology for ENVS
EBIO 2040 (4)	Principles of Ecology
ENVS/ATOC 3600/ GEOG 3601 (3) *	Principles of Climate
GEOL 2001 (4)	Planet Earth
GEOL 2005 (4)	Introduction to Earth Materials
CVEN 3434 (3) *	Introduction to Applied Ecology

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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 3030 (3)	Nature of Place and People
ENVS 3031 (3)	Environmental Psychology
ENVS 3032 (3) ~	Environment, Media and Society
ENVS 3034 (3) ^	Foundations of Environmental Justice

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
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SKILLS REQUIREMENTS

Statistics or Calculus 1

APPM 1350 (4)	Calculus 1 for Engineers
EBIO 1010 (3)	Introduction to Statistics and Quantitative Thinking for Biologists
GEOG 3023 (4) ^	Statistics and Geographic Data
IPHY 3280 (4)	Introduction to Data Science and Biostatistics
MATH 1300 (5) ^	Calculus 1
MATH 2510 (3) ^	Introduction to Statistics
PSCI 2075 (3) ^	Quantitative Research Methods
PSYC 2111 (4) ^	Psychological Science 1: Statistics
SOCY 2061 (3) ^	Introduction to Social Statistics

Writing

ENVS 3020 (3) ^	Advanced Writing in Environmental Studies
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Application

ENVS 3005 (3) ^*	Environmental Education: From Theory to Practice
ENVS 3100 (3) ^*	Topics in Applied Environmental Studies <ul style="list-style-type: none"> • Section 001: Data Visualization • Section 581: Fund. of Environmental Law ~ • Section 582: Environmental Data Science • Section 583: Human-Wildlife Interaction ~

ENVS/ATLS 3173/ THTR 4173 (3) *	Creative Climate Communication
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12/4/2024

ENVS 3930 (3) *	Internship
CVEN 3434 (3) *	Introduction to Applied Ecology
EBIO 4100 (3) ~	Advanced Ecology <ul style="list-style-type: none">• Section 750: Winter Ecology (at Mountain Research Station)
GEOL 2700 (2)	Introduction to Field Geology

CORNERSTONE REQUIREMENT

ENVS 3525 (3) *	Intermediate Environmental Problem Analysis: Topical Cornerstone <ul style="list-style-type: none">• Section 001: Wildlife and Rewilding• Section 002: Principles and Practices of Sustainability• Section 003: Ecosystem Management
ENVS 3555 (3) ~*	Sustainable Economies

CAPSTONE REQUIREMENT

ENVS 4800 (3)	Capstone: Critical Thinking in Environmental Studies (students may take only one ENVS 4800 class) <ul style="list-style-type: none">• Section 001: Human-Environment Interactions in Sub-Saharan Africa• Section 002: Climate Justice• Section 003: Resilience in Complex Systems• Section 004: Essential Stakeholder Engagement• Section 005: Water Quality and Health Risks
ENVS 4850 (3)	ENVS Honors Thesis Research (contact Peter.Newton@colorado.edu to enroll)
ENVS 4950 (3)	ENVS Honors Thesis Seminar (contact Peter.Newton@colorado.edu to enroll)

SPECIALIZATION REQUIREMENT

ENVS 3005 (3) *	Environmental Education: From Theory to practice
ENVS 3007 (3)	Animal Ethics and Policy
ENVS 3040 (4)	Conservation Biology
ENVS 3070 (3)	Energy and the Environment
ENVS 3100 (3) *	Data Visualization
ENVS/ATLS 3173 (3) *	Creative Climate Communication
/THTR 4173 (3)*	
ENVS 3525 (3) *	Intermediate Environmental Problem Analysis: Topical Cornerstone <ul style="list-style-type: none">• Section 001: Wildlife and Rewilding• Section 002: Principles and Practices of Sustainability• Section 003: Ecosystem Management
ENVS 3555 (3) *	Sustainable Economies
ENVS 3600 (3) *	Principles of Climate
ENVS 3930 (1-3)	Internship
ENVS 4100 (3)	Special Topics in Environmental Studies <ul style="list-style-type: none">• Section 001: War and the Environment
ENVS 4135 (3)	Dogs, Wolves, and Humans
ATOC 3050 (3)	Principles of Weather
ATOC 3070 (3)	Introduction to Oceanography
ATOC 3300 (3)	Analysis of Climate and Weather Observations
ATOC 3600 (3) *	Principles of Climate
ATOC 4200 (3)	Biogeochemical Oceanography
ATOC 4550 (3)	Mountain Meteorology
ATOC 4700 (3)	Weather Analysis & Forecasting

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ATOC 4730 (3)	Physical Oceanography and Climate
ATOC 4770 (3)	Renewable Energy Meteorology
ATOC 4800 (3)	Policy Implications of Climate Controversies
BUSM 3060 (3)	Environmental Sustainability in a Globalized World (restricted to BUSM students)
CVEN 3434 (3) *	Introduction to Applied Ecology
EBIO 3040 (4)	Conservation Biology
EBIO 3180 (3) ~	Global Ecology
EBIO 3190 (3) ~	Tropical Marine Ecology
EBIO 4060 (3)	Landscape Ecology
EBIO 4100 (3) *	Advanced Ecology <ul style="list-style-type: none">Section 750: Winter Ecology
EBIO 4140 (3)	Plant Ecology
EBIO 4155 (3)	Ecosystem Ecology
EBIO 4360 (3)	Lifestyle Medicine
EBIO 4370 (3)	Genetically Engineered Organisms
EBIO 4460 (3)	Special Topics <ul style="list-style-type: none">Section 018 with 020: Plants, Evolution, Agriculture
GEOG 3053 (4)	GIS: Mapping
GEOG 3251 (3) ~	Mountain Geosystems
GEOG 3351 (3)	Biogeography
GEOG 3402 (3)	Natural Hazards
GEOG 3601 (3) ^*	Principles of Climate
GEOG 3612 (3)	Reimagining Cities: Spaces of Power, Privilege, and Possibility
GEOG 3622 (3)	Cities of the Global South
GEOG 3682 (3) ~	International Development: Economics, Power, and Place
GEOG 3692 (4) ^	Introduction to Global Public Health
GEOG 3782 (3)	Environmentalism, Race, and Justice
GEOG 3832 (3)	India and Its Neighbors: Societies, Economics, and Geopolitics
GEOG 4093 (4) ^	Remote Sensing of the Environment
GEOG 4103 (4)	Geographic Information Science: Spatial Analytics
GEOG 4241 (4)	Earth Surface Processes
GEOG 4321 (4)	Snow Hydrology
GEOG 4812 (3)	Political Ecology & Latin America
GEOL 3070 (3)	Introduction to Oceanography
GEOL 3320 (3)	Introduction to Geochemistry
GEOL 4093 (4) ^	Remote Sensing of the Environment
GEOL 4241 (4)	Earth Surface Processes
HIST 4416 (3)	Environmental History of North America
JPNS 3881 (3)	Environment, Nature and Disaster in Japanese Literature and Culture
PSYC 4541 (3) ~	Special Topics in Psychology <ul style="list-style-type: none">Section 581: Psychology of Sustainability (contact instructor for enrollment permission)
PACS 3860 (3)	Environmental Conflict and Conflict Resolution

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PSCI 3206 (3) *	The Environment and Public Policy
PSCI 4012 (3)	Global Development
REES/SCAN 3251 (3)	Arctic Thrillers: Environment, Landscape and Literature of the Far North
SOCY 3012 (3)	Gender and Development
SOCY 4037 (3) ~	Hazards, Disasters and Society
SOCY 4052 (3) ~	Social Inequalities in Health
SOCY 4117 (3) ~	Food and Society
SPAN 3060 (3)	Spanish for Careers in Environmental Studies and Sustainable Development

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