**Spring 2024 Course Lists for ENVS Majors**

**GENERAL EDUCATION Applicable (written communication – lower division) – *NOT a major requirement***

ENVS 1150 (3)~ First-Year Writing in Energy, Environment and Sustainability

**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**

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

ATOC 1050 (3)^ Weather and the Atmosphere

ATOC 1060 (3)^ Our Changing Environment

ATOC 1070 (1) Weather and the Atmosphere Lab

GEOG 1001 (4)^ Environmental Systems 1—Climate and Vegetation with lab

GEOG 1011 (4)^ Environmental Systems 2—Landscapes and Water with 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 1—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 (take the [Chemistry Placement Test](https://www.colorado.edu/chemistry/undergraduate/chemistry-preparation-placement-program) to determine readiness)

CHEM 1114 (1) General Chemistry 1 lab

PHYS 1110 (4) General Physics 1

PHYS 2010 (5) General Physics 1 with lab

**Intermediate Natural Science**

ENVS 2000 (4) Introduction to Applied Ecology for Environmental Studies

EBIO 2040 (4) Principles of Ecology

CVEN 3434 (3)\* Introduction to Applied Ecology (contact Dr. Diane McKnight to enroll)

ENVS/ATOC 3600/
GEOG 3601 (3)\*^ Principles of Climate

GEOL 2001 (4) Planet Earth

GEOL 2005 (4) Introduction to Earth Materials

**SOCIAL SCIENCE REQUIREMENTS**

**Intermediate Policy**

PSCI 2106 (3) Introduction to Public Policy Analysis

PSCI 2116 (3) Introduction to Environmental Policy and Policy Analysis

**Intermediate Social Science**

ENVS 3031 (3) Environmental Psychology

ENVS 3032 (3)^ Environment, Media and Society

ENVS 3034 (3)^ Environmental Justice

GEOG 3022 (3) Climate Politics and Policy **(*Spring 2024 is the last semester this course will fulfill the ENVS Intermediate Social Science requirement*)**

**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

ENVS/PSCI 3064 (3)~ Environmental Political Theory

**SKILLS REQUIREMENTS**

**Statistics or Calculus 1**

EBIO 1010 (3) Introduction to Statistics and Quantitative Thinking for Biologists

GEOG/GEOL 3023 (4)^ Statistics and Geographic Data

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

MATH 1300 (5)^ Calculus 1

APPM 1350 (4) Calculus 1 for Engineers

**Writing**

ENVS 3020 (3)^ Advanced Writing in Environmental Studies

**Application**

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

ENVS 3100 (3)\*~ Topics in Applied Environmental Studies

* Applied Conservation – Human-Wildlife Interactions
	+ Instructor: T. Nuckols
* Fundamentals of Environmental Law
	+ Instructor: M. Pellegrino

ENVS 3173/THTR 4173
/ATLS 3173 (3) Creative Climate Communication

ENVS 3930 (3)\* Internship (contact Dale.Miller@colorado.edu or [ENVS Internships site](https://www.colorado.edu/envs/undergraduate-studies/internships-careers/student) for information)

CVEN 3434 (3)\* Introduction to Applied Ecology (contact Dr. Diane McKnight to enroll)

EBIO 4100 (3)~ [Winter Ecology](https://www.colorado.edu/mrs/student-opportunities/field-courses) (contact mrs@colorado.edu or kittel@colorado.edu)

**CORNERSTONE REQUIREMENT**

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

* + - * Section 001: Wildlife and Rewilding
			* Section 002: Principles and Practice of Sustainability

ENVS 3555 (3)\*^ Sustainable Economies

ENVS 3621 (3)\* Energy, Policy & Society

**CAPSTONE REQUIREMENT**

ENVS 4800 (3)^ Capstone: Critical Thinking in Environmental Studies

* + - * Section 001: Data for Development
			* Section 002: Tropical Forest Conservation
			* Section 005: Earth Observation/Environmental Decision-Making
			* Section 006: Controversies in Environmental Policy
			* Section 007: Essentials for Stakeholder Engagement
			* ~~Section 581~: Critical Thinking in Environmental Studies~~

ENVS 4850 (3) [ENVS Honors Thesis](https://www.colorado.edu/envs/undergraduate-studies/honors) Research (contact Cassandra.Brooks@colorado.edu to enroll)

ENVS 4950 (3)\* Seminar: [ENVS Honors Thesis](https://www.colorado.edu/envs/undergraduate-studies/honors) (contact Cassandra.Brooks@colorado.edu to enroll)

ENVS 4990 (3) Senior Thesis

**SPECIALIZATION REQUIREMENT**

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

ENVS 3007 (3)~ Animal Ethics and Policy

ENVS/EBIO 3040 (4) Conservation Biology

ENVS/PHYS 3070 (3) Energy & the Environment

ENVS 3100 (3)\*~ Topics in Applied Environmental Studies

* Applied Conservation – Human-Wildlife Interactions
* Fundamentals of Environmental Law

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

* + - * Section 001: Wildlife and Rewilding
			* Section 002: Principles and Practice of Sustainability

ENVS 3555 (3)\*^ Sustainable Economies

ENVS/ATOC 3600/
GEOG 3601 (3)\*^ Principles of Climate

ENVS 3621 (3)\* Energy, Policy & Society

ENVS 4950\* (3) Seminar: ENVS Honors Thesis (contact Cassandra.Brooks@colorado.edu to enroll)

ATOC 3050 (3) Principles of Weather

ATOC/GEOL 3070 (3)^ Introduction to Oceanography

ATOC 3300 (3) Analysis of Climate & Weather Observations

GEOG 3301 (3) Analysis of Climate & Weather Observations

ATOC 4200 (3) Biogeochemical Oceanography

ATOC 4215 (3) Descriptive Physical Oceanography

ATOC 4550 (3)~ Mountain Meteorology

ATOC 4700 (3) Weather Analysis & Forecasting

ATOC 4720 (3) Introduction to Atmospheric Dynamics

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)***

EBIO 3180 (3)~ Global Ecology

EBIO 3190 (3)~ Tropical Marine Ecology

EBIO 4060 (3) Landscape Ecology

EBIO 4460-018 (3) Plants, Evolution, Agriculture

ECON 3403 (3) International Economics & Policy

GEOG 3053 (4) GIS: Mapping

GEOG 3251 (3)~ Mountain Geography

GEOG 3351 (3) Biogeography

GEOG 3402 (3)^ Natural Hazards

GEOG 3682 (3)~ Geography of International Development

GEOG 3692 (4)^ Introduction to Global Public Health

GEOG 3782 (3) Environmentalism, Race, and Justice **(note: this will not fulfill the ENVS Intermediate Social Science requirement)**

GEOG 3832 (3) Geographies of South Asia

GEOG 3862 (3) Geography of Africa

GEOG 3882 (3) Geography of the Former Soviet Union

GEOG 4002-001 (3) Climate Change-Social Outcomes

GEOG 4002-002 (3) Housing Policies and Practices

GEOG/GEOL 4093 (4)^ Remote Sensing of the Environment

GEOG/GEOL 4241 (4) Principles of Geomorphology

GEOG 4271 (3) The Arctic Climate System

GEOG 4321 (4) Snow Hydrology

GEOL 3320 (3) Introduction to Geochemistry

GEOL 3340 (3) The Cryosphere: Earth’s Icy Environments

HIST 4416 (3) Environmental History of North America

PACS 3860 (3) Environmental Conflict and Conflict Resolution

REES/SCAN 3251 (3) Arctic Thrillers: Environment, Landscape and Literature of the Far North

SOCY 3012 (3)~ Gender and Development

SOCY 4007 (3) Global Human Ecology

SOCY 4030 (3) Sociology of Climate Change

SOCY 4037 (3)~ Hazards, Disasters, and Society

SOCY 4052 (3) Social Inequalities in Health

SOCY 4117 (3)~ Food and Society