

Climate

Guidance Document for ENVS Majors

This document provides guidance in selecting courses to create a concentration in Climate. Not all of the courses/programs described here are necessary for a Climate focus. Please contact your Advisor to discuss your options.

Recommended Choices from ENVS Curriculum

- General Biology sequence (EBIO 1210, 1220*, 1230*, 1240*)
- General Chemistry (CHEM 1113, 1114) or Physics (PHYS 1110* or 2010*)
- ATOC sequence for Earth Science (ATOC 1050, 1060*, 1070*)
- Principles of Climate (ATOC 3600*, Prereqs. MATH 1300*) or Ecology (ENVS 2000*) for Intermediate Natural Science
- Calculus (MATH 1300*) or Statistics (PSCI 2075, 3105*) for Math
- Intro to Environmental Policy (PSCI 2116)
- Environmental Political Theory (PSCI 3064*)
- Recommended Specialization Courses:
 - ❖ ENVS 3022 Climate, Politics & Policy
 - ❖ ATOC 3300* Analysis of Climate & Weather Observations (Prereqs. of Calculus and ATOC 3600)
 - ❖ ENVD 4023 Environmental Impact Analysis
 - ❖ GEOG 3053 Cartography: Visualization & Information Design
 - ❖ ATOC 4720* Introduction to Atmospheric Physics and Dynamics (Prereqs. one year calculus and one year calculus-based physics)

Recommended Programs to Combine

- Consider a minor in ATOC, ECON or PSCI

Recommended Auxiliary Courses

- General Chemistry 2 (CHEM 1133, 1134)
- General Physics (PHYS 1110, 1120*, 1140* or PHYS 2010*, 2020*)
- A GIS course: (GEOG 4103* or GEOG 4203*)
- A Research Methods course (ENVS 3800* The Art of Research, PSYC 3101* Statistics and Research Methods in Psychology)

Possible Career Paths

Climate Policy Analyst, Climate Change Analyst, Environmental Specialist, Climate Policy Advocate, Carbon Consultant, Carbon Auditor, Climate Change Education/Communication, Climate Risk Management, Science Writing, Environmental Services.

Get Involved

Use the Application requirement to explore this field. Try an internship in a local organization working on climate science or policy such as NCAR or NOAA.

Graduate School

For graduate school in Climate Policy, consider Public Administration or Law. CU-Boulder has a great dual degree masters in ENVS+Law. For graduate school in Climate Science, consider taking additional math and science or double majoring in GEOL, CHEM or EBIO.

More Information

Learn more about the ATOC program:
<http://www.colorado.edu/atoc/>

*Course enrollment requires a prerequisite.