Energy
Guidance Document for ENVS Majors

This document provides guidance in selecting courses to create a concentration in Energy. Not all of the courses/programs described here are necessary for an Energy focus. Please contact your advisor for details.

Recommended Choices from ENVS Curriculum

- General Biology sequence (EBIO 1210, 1220*, 1230*, 1240*)
- General Physics (PHYS 1110 or 2010)
- ATOC or GEOL sequence for Earth Science (ATOC 1050, 1060*, 1070* or GEOL 1010, 1020, 1030*)
- Principles of Climate for Intermediate Natural Science (ATOC 3600*)
- Statistics (PSCI 2075, 3105*)
- Sustainable Solutions Consulting (ENVS 3001*) or internship for Application
- Recommended Specialization Courses:
  - ❖ ENVS 3070 Energy and the Environment
  - ❖ ENVS 3520* Energy and Climate Change

Recommended Programs to Combine

- Potential courses that overlap between ENVS and RSE Certificate: ENVS/PHYS 3070, ENVS 3100*, ATOC 4800*.

Recommended Auxiliary Courses

It is recommended that students interested in Hydrology pursue additional lower division math and science, basic GIS skills and an introduction to water law/ policy.

- General Chemistry (CHEM 1113 + 1114)
- General Physics 2 (PHYS 1120* + 1140* or 2020*)
- ECON 4555* Transportation Economics and Policy (Prereqs. ECON 3070 and 3818.)
- ECEN 1500 Sustainable Energy
- GEOL 3540* Introduction to Petroleum Geology (Prereqs. GEOL 1010 and MATH 1300*)

Possible Career Paths

Possible career paths include Energy Efficiency Analyst, Energy Policy Analyst, Energy Researcher, Energy Law, Sustainable Energy Consultant, or Energy Auditor.

Get Involved

For Application try an internship at NREL, Xcel or the Southwest Energy Efficiency Project or check internship postings on the ENVS websites.

Graduate School

Consider graduate programs in Public Policy, Law or Business. CU Boulder has dual degree graduate programs in ENVS+Law or ENVS+MBA. To prepare for an MBA, an ECON minor is recommended.

*Course enrollment requires a prerequisite.