

# Natural Resources

## Guidance Document for ENVS Majors

*This document provides guidance in selecting courses to create a concentration in Natural Resources. Not all of the courses described here are necessary for a Natural Resources 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)
- Geography or Geology sequence for Earth Science
- Ecology or Hydrology for Intermediate Natural Science (ENVS 2000\*, GEOG 3511\*)
- Calculus or Stats for Earth Science for Math (MATH 1300\*, GEOG 3023)
- Natural Resource Economics (ECON 3535\*)
- Field Studies (ENVS 4100\*), field class or internship for Application
- Recommended Specialization Courses:
  - ❖ GEOL 3030\* Introduction to Hydrogeology
  - ❖ GEOG 4501 Water Resources & Water Management of Western US
  - ❖ ENVS/EBIO 3040\* Conservation Biology
  - ❖ GEOG/GEOL 4241\* Principles of Geomorphology
  - ❖ GEOG 4321\* Snow Hydrology
  - ❖ EBIO 4030\* Limnology
  - ❖ ENVD 4023 Environmental Impact Assessment
  - ❖ GEOG 3053\* Cartography: Visualization & Information Design
  - ❖ GEOG/GEOL 4093\* Remote Sensing of the Environment
  - ❖ GEOL 4060 Oceanography
  - ❖ ECON 3403\* International Economics & Policy (prereq ECON 2020)

### Recommended Programs to Combine

- Consider a minor or double major/dual degree in ECON, Business or GEOL
- Consider the Hydrology Certificate (with GEOG minor)

### Recommended Elective Courses

It is recommended that students interested in Natural Resources gain a good science foundation and an introduction to Resource Policy and GIS.

- General Chemistry 2 (CHEM 1133, 1134)
- GIS coursework: (GEOG 4103\* and/or 4203\*)

\*Course enrollment requires a prerequisite.

### Possible Career Paths

Possible career paths include Environmental Protection, Natural Resources Management/Consulting, Environmental Consulting and Remediation, Ecosystem Assessment, Environmental Regulation, Federal, State or Local Government, Resource Conservation.

### Get Involved

Use the Application requirement to explore this field. Try an internship in government or a resource company, learn GIS skills, learn field and sampling techniques, environmental impact assessment and look for applied skills at the E-Center.

### Graduate School

Consider Law, Business, Public Policy or Environmental Studies. CU Boulder has dual degree ENVS+Law and ENVS+Business programs. A GPA of at least 3.0 is suggested for application.

### More Information

American Water Resources Association  
National Association of Environmental Professionals  
National Fish and Wildlife Foundation  
Society of Ecological Restoration  
Soil and Water Conservation Society  
National Wildlife Federation

