Major: 16 courses
- 3 Core Courses
- 2 Basic Skills Courses
- 4 Elective Introductory ESS Courses
- 4 Elective Advanced Courses (at least 2 must be from Geography)
- 2 Human Environment Courses
- 1 Skills GIS Course
- Research Experience

Minor: 8 courses
- 3 Core Courses (as with major)
- 1 Earth System Science Course
- 1 Environmental and Conservation Biology Course
- 1 Environmental Science and Policy Course (ES&P)

Specialization: 11 courses
Requirements to specialize in ESS within the Geography major follow the basic Geography requirements, only the student should take 4 ESS courses as their specialization courses.

Geography Major:
- 4 Core Courses
- 4 Specialization Courses
- All Specialization Courses should be ESS Related Courses
- 1 Skills Course
- 1 Research Methods Course (GEOG 141)
- Capstone Credit

Areas of research:
- Terrestrial ecosystems
- Global change
- Surface water
- Cold-region hydrology
- Terrestrial and marine biogeochemistry
- Polar climate change
- Forest Ecology
- Glaciology
- Landscape and disturbance ecology

Career possibilities:
- Climate Scientist
- International Policy Analyst
- Environmental Consultant
- Sustainability Manager
- Resource Manager
- Landscape Ecologist
- Geoscientist
- Forest Manager
- Environmental Planner
- Conservation Planner
- Hydrologic or Wetlands Planner
- Climate Impacts Assessment
- Environmental Consultant
- Research Scientist or Practitioner in a variety of fields

Potential Employers: Federal Government Agencies (e.g. EPA, USGS, NOAA, NASA)
- Local or State Agencies
- Nongovernmental Organizations (e.g. The Nature Conservancy, Conservation International)
- Environmental Consultancies