

Geology-Environmental Studies Major

Program of Study Type

Combined Major

Total credit requirements for a Geology-Environmental Studies major: 64-66 (26 in Geology, 13-15 in supporting Science courses, and 25 in required coursework for all Environmental Studies majors)

Common Requirements for all Environmental Studies Majors

- **Required Courses**
 - *Introductory Coursework:* Environmental Studies 120 and 207
 - *Foundation Coursework:* Fulfill the following requirements for the two areas outside of your area of concentration (arts and humanities, natural and physical sciences, or social sciences).
 - Environmental Arts and Humanities: Take two elective courses from the list below.
 - Environmental Natural and Physical Sciences: Take 7 credits in elective courses from the list below. Credits must come from at least two departments, and include at least one course with a lab.
 - Environmental Social Sciences: Take two elective courses from the list below.
 - *Interdisciplinary Coursework:* Take one interdisciplinary elective from the list below.
 - *Senior Coursework:* Environmental Studies 479
- **Additional Requirements**
 - Fulfill all of the requirements for a major in a specific area of concentration, chosen from:
 - Environmental Arts and Humanities: Art-Environmental Studies or Environmental Humanities
 - Environmental Natural and Physical Sciences: Biology-Environmental Studies, Chemistry-Environmental Studies, Geology-Environmental Studies, or Physics-Environmental Studies
 - Environmental Social Sciences: Anthropology-Environmental Studies, Economics-Environmental Studies, History-Environmental Studies, Politics-Environmental Studies, or Sociology-Environmental Studies
- **Senior Requirements**
 - Environmental Studies 479
 - Further requirements as specified by the chosen major
- **Honors**
 - Specified within each major
- **Notes**
 - Up to 8 transfer credits may be applied to a major in Environmental Studies.
 - No courses taken P-D-F can be applied toward the major.

Requirements for Geology-Environmental Studies Majors

- **Complete the Common Requirements for all Environmental Studies Majors (25 Credits)**
- **Required Geology Courses**
 - Geology 125 and 126 (or Geology 110 and 111; or Geology 120 and 121)
 - Geology 227, 270, 350, 358, 420, and 470
 - Geology 405 or 301
- **Required Supporting Science Courses**
 - Chemistry 125 and 135; or 140
 - Mathematics 124, 125, or 126
 - One 3- or 4-credit course numbered above 125, chosen from Chemistry, Computer Science, Mathematics and Statistics, or Physics
 - Choose one of the following:
 - One additional course from Chemistry, Computer Science, Mathematics and Statistics, or Physics
 - Biology 115, 130, or 177
- **Recommended Courses**
 - Geology 480
 - Courses in meteorology, physics, calculus, statistics, biology, and chemistry

- **Senior Requirements**

- Geology 470
- Senior assessment:
 - Four-hour written Geology exam
 - Geology oral exam, which may be conducted in the field
 - An Environmental Studies oral exam may be required for students who do not complete an interdisciplinary thesis.

- **Honors**

- Students do not apply for admission to candidacy for honors.
- Accumulated at least 87 credits
- Completed two semesters of residency at Whitman
- Major GPA of at least 3.500
- Complete a written thesis or research project prepared exclusively for the satisfaction of this program.
- Earn a grade of at least A- on the honors thesis or project and the honors thesis course.
- Pass the senior assessment with distinction.
- Chair of the department will notify the Registrar of students attaining honors no later than the beginning of Week 12.
- An acceptable digital copy of the honors thesis must be submitted to Penrose Library no later than Reading Day.

Item #	Title	Credits
	Environmental Arts and Humanities Electives	
	Environmental Social Sciences Electives	
	Interdisciplinary Environmental Studies Electives	
	Total Credits	64-66