

Physics-Environmental Studies Major

Program of Study Type

Combined Major

Total credit requirements for a Physics-Environmental Studies major: 55-56 (23-24 in Physics, 7 in Mathematics, 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 Physics-Environmental Studies Majors

- **Complete the Common Requirements for all Environmental Studies Majors (25 Credits)**
- **Required Physics Courses**
 - Physics 145, 155, or 347
 - Physics 156, 245, 255, and 267
 - Two courses chosen from Physics 325, 339, 347, 357, and 385
 - Choose one of the following:
 - One additional Physics course numbered 300-480
 - BBMB 324 and 334
- **Required Mathematics Courses**
 - Mathematics 225 and 244
- **Senior Requirements**
 - Written exam in Physics
 - Oral exam in Physics
- **Honors**
 - Students submit an "Honors in Major Study Application" to their department.

- Students must submit a proposal for their thesis or project within the first six weeks of the two-semester period in which they are eligible.
- 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.
- The department will submit the honors applications to the Registrar's Office of students pursuing honors by the specified deadline.
- The department will submit the "Senior Assessment/Major Study Certificate" to the Registrar's Office no later than Reading Day.
- An acceptable digital copy of the honors thesis must be submitted to Penrose Library no later than Reading Day.
- **Notes**
 - If students place out of Physics 155, they must take Physics 347.
 - Physics 347 may not be used to satisfy multiple requirements.

Item #	Title	Credits
	Environmental Arts and Humanities Electives	
	Environmental Social Sciences Electives	
	Interdisciplinary Environmental Studies Electives	
	Total Credits	55-56