

Environmental Studies - Major

Degrees offered: BA

Minor: Yes

Courses required for majors and appropriate for beginning students:

- Economics 100 (F8, F2 some sections). No prerequisites. A survey of economic analysis and institutions combining economic theory with a discussion of applications to the U. S. economic system for majors and non-majors. The course will include an introduction to both microeconomics and macroeconomics. FALL
- Environmental Studies and Sciences 150: Environment and Society (F2i). No prerequisites Designed for Environmental Studies and Environmental Science minors, but also suitable for non-minors, this course covers a variety of contemporary environmental issues. SPRING
- International Studies 221: Global Ecopolitics (F2i, F8). No prerequisites. An introduction to the ecological politics paradigm, an alternative approach to the study of international relations. Students will explore how environmental issues, population, disease, technology, and globalization create both problems and solutions to traditional questions of IR. This is an Environmental Studies introductory course, of which minors are required to take one. FALL
- Philosophy 302: Environmental Ethics. FALL

Required courses in other departments: N/A – since Environmental Sciences is a Program, and not a department, all of its required courses are in other departments.

Recommended courses in other departments:

- Anthropology/Sociology 271: Ecological Anthropology. No prerequisites. It is the study of the relationships between human and their environment. FALL
- Biology 120: Environmental Science (F7) – No prerequisites. This course focuses on a scientific understanding of the environment as well as on people's impact upon the natural world. This lecture course has accompanying laboratory that must be taken with the class. This course will not satisfy a course requirement for the major in Biology. FALL
- Geology 111: Earth System Science (F7) – No prerequisites. A study of the dynamic interaction of earth, water, air, and life. Emphasis is placed on the geology of National Parks, and the ways that geological knowledge is acquired. This lecture course has accompanying laboratory that must be taken with the class. SPRING
- History 105: Disease & Epidemics (F2, F3). No prerequisites. This course provides an introduction to the history of disease and human society, spanning time for Europe's Black Death to current outbreaks. Not open to juniors and seniors. FALL
- Humanities 201– Search for Values (Jackson's section only) (F1) FALL
- Religious Studies 101: The Bible (Hotz's section only). (F1) FALL

Latest time to begin a major and graduate on schedule:

- Sophomore year

AP credit:

- See [AP Exam table](#) for details

Courses that close quickly:

- Environmental Studies and Sciences 150: Environment and Society (F2i). SPRING
- History 105: Disease & Epidemics. (F2, F3) This course is open to first- and second-year students only and is typically in high demand. FALL

Courses with time-of-year limitations:

- INTD 150 should ideally be taken in the spring of the first year.

Environmental Studies - Minor

Course required for the minor and appropriate for beginning students:

- Environmental Studies and Sciences 150: Environment and Society (F2i). No prerequisites. Designed for Environmental Studies and Environmental Science minors, but also suitable for non-minors, this course covers a variety of contemporary environmental issues. - SPRING
- Anthropology/Sociology 201: Human Evolution. No prerequisites. This course examines what it means to be a human being, and how our species fits into a wider biological and environmental framework. This is an Environmental Studies introductory course, of which minors are required to take one. FALL
- International Studies 221: Global Ecopolitics (F2i, F8). No prerequisites. An introduction to the ecological politics paradigm, an alternative approach to the study of international relations. Students will explore how environmental issues, population, disease, technology, and globalization create both problems and solutions to traditional questions. FALL

Required courses in other departments: N/A – since Environmental Studies is a Program, and not a department, all of its required courses are in other departments.

Recommended courses appropriate for beginning students:

- Anthropology/Sociology 271: Ecological Anthropology. No prerequisites. It is the study of the relationships between human and their environment. FALL
- Biology 120: Environmental Science (F7). No prerequisites. This course focuses on a scientific understanding of the environment as well as on people's impact upon the natural world. This lecture course has accompanying laboratory that must be taken with the class. This course will not satisfy a course requirement for the major in Biology. FALL
- Chemistry 120: General Chemistry I (F7). No prerequisites. A study of the basic concepts and principles of chemistry. This lecture course has accompanying laboratory that must be taken with the class. FALL
- Economics 100 (F8, F2i some sections). No prerequisites. A survey of economic analysis and institutions combining economic theory with a discussion of applications to the U. S. economic system for majors and non-majors. The course will include an introduction to both microeconomics and macroeconomics. FALL
- Geology 111: Earth System Science (F7). No prerequisites. A study of the dynamic interaction of earth, water, air, and life. Emphasis is placed on the geology of National Parks, and the ways that geological knowledge is acquired. This lecture course has accompanying laboratory that must be taken with the class. SPRING
- Geology 214: Environmental Hydrogeology (F7, F11). No prerequisites. The application of geologic principles to understand the response of our environment to natural and anthropogenic forces of change. Emphasis is placed on sustainability, and the hydrologic cycle. This lecture course has accompanying laboratory that must be taken with the class. FALL
- History 105: Disease & Epidemics (F2, F3). No prerequisites. This course provides an introduction to the history of disease and human society, spanning time for Europe's Black Death to current outbreaks. Not open to juniors and seniors. FALL
- Humanities 201– Search for Values (Jackson's section only) (F1) – FALL
- International Studies 100 (F8). No prerequisites. A survey of contemporary international politics. Major topics covered in this course include international political geography, the nation-

state, modern diplomacy, international political economy, international law and organization, the East-West conflict, North-South issues, and the evolution of the international system. FALL

- Math 115: Applied Calculus (F6). No prerequisites. This one-semester course presents an introduction to applied mathematics and an overview of calculus: applications of the derivative, the definite Integral, the Fundamental Theorem of Calculus, partial derivatives and double integrals.
- Philosophy 302: Environmental Ethics – FALL
- Physics 111: Fundamentals of Physics I (F6, F7). No prerequisites Suitable for both science and non-science majors, this calculus-based course is the first in a year-long sequence covering the classical fields of physics. This lecture course has accompanying laboratory that must be taken with the class. FALL
- Religious Studies 101: The Bible (Hotz's section only) (F1) FALL

Courses that close quickly:

- Biology 120: Environmental Science (F7). FALL
- Environmental Studies and Sciences 150: Environment and Society (F2i). SPRING
- History 105: Disease & Epidemics (F2, F3). This course is open to first- and second-year students only and is typically in high demand. FALL

Courses with time-of-year limitations:

- ENVS 150 should ideally be taken before the start of their junior year.