



Environmental and Sustainability Studies Minor Requirements

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The environment is receiving significant attention in recent years in light of issues such as climate change, declining energy resources, and other sustainability related issues. A minor in Environmental and Sustainability Studies is meant to serve a broad student population and will provide students with an extensive understanding of environmental and sustainability issues. The minor will yield graduates who are truly "men and women for others" by preparing students for careers that will identify and study the causes and effects of current and future environmental challenges, educate others about the environment, and help write and analyze related policy.

Requirements for the Environmental and Sustainability Studies Minor:

Students must take six courses for the Minor in Environmental and Sustainability Studies. Courses taken to fulfill requirements of the minor may also fulfill the GEP or overlay (Ethics, Globalization/Diversity) requirements.

All students will take (in this sequence):

- ENV 101 Environmental Science and
 - ENV 102 Environmental Theory and Ethics Seminar (Ethics-Intensive Overlay)
- **These two courses are currently offered every other year.

Students are required to take 4 additional courses from the following Groups A-C.

- Courses do not need to be taken in any particular order, but some courses may require prerequisites.
- No more than 2 courses can be taken from each group.
- One of the four courses must have an experiential component (lab-based natural science course, or director-approved internship or independent research).
- In the event that a student cannot fulfill the minor requirements from the selection of courses in Groups A-C, the student will be able to fulfill the minor by taking up to 2 auxiliary courses.
- Note for Natural Science majors: Students majoring in Biology, Chemistry, Chemical Biology, or Physics may minor in Environmental and Sustainability Studies. These students should fulfill the Group A requirement with a natural science course not normally required for their major. This excludes courses that normally satisfy the natural science GEP. Students should consult the Auxiliary Course List.

Group A Natural Sciences

BIO 160	Heredity and Evolution
BIO 165/165L	Exploring the Living World
CHM 100	Chemistry for the Consumer
ENV 103	Introduction to Planet Earth
ENV 106/106L	Exploring the Earth
ENV 150	Global Change Biology
PHY 112	Energy: Problems and Promise
PHY 113/113L	Exploring the Physical World

Group B Economics and Business

ECN 375	Environmental Economics
ECN 370	Economic Development
ECN 406	African Economics
MKT 150	People, Planet, Profit
MKT 401	Marketing Strategy (selected sections)
MKT 450	Environmental Sustainability and Green Marketing Study Tour

Group C Societal Issues

ENG 150	Nature in America
ENG 426	Nature Writing in America
HIS 386	American Environmental History
IHS 325	Theories: Disease Prevention and Management
IHS 458	Epidemiology
PHL 316	Food and Justice
POL 327	Environmental Politics in America
THE 368/ IHS 368	Just Health Care in Developing Nations

Auxiliary Courses

Auxiliary courses are those that have been identified by faculty and the director as those that contain sufficient content on issues of the environment and/or sustainability. If auxiliary courses are used, no more than one course may be taken from each department.

Auxiliary Course List

Sustainability-Related Courses in the Haub School of Business

FIN 201	Markets and Institutions
FMK 202	Overview of the Global Food Industry
FMK 302	Understanding Food Customers and Consumers
FMK 401	Food Marketing Strategy
FMK 315	Globalization and Food Policy
FMK 351	Food and the Poor
MGT 220	Business, Society, and Ethics
MKT 313	Ethics in Marketing
PMK 180	Patient Access to Healthcare

Sustainability-Related Courses in the College of Arts & Sciences

BIO 162	Plants and Civilization
BIO 163	Unseen Life on Earth
BIO 401	Animal Behavior
BIO 409	Ecology
BIO 413	Plant Physiological Ecology
BIO 414	Plant Systematics
BIO 416	Microbiology
CHM 110	Food Chemistry
CHM 420	Environmental Chemistry
ECN 321	International Trade
ECN 322	International Macroeconomics
ECN 330	Economics of Labor
ECN 340	Government Finance
ECN 350	Monetary Economics
ECN 380	Managerial Economics
ECN 390	Economics of Healthcare
ECN 430	Modern Economic Systems
ECN 445	Economics of Multinational Enterprises
ECN 465	Consumer Economics
ECN 470	Ethical Values and the Marketplace
ECN 480	Economics of Poverty and Income Distribution
ECN 485	Economics of Migration and Immigration
EDU 150	Schools in Society
EDU 357	Education and the Jesuit Mission in Latin America
ENV 302	Environmental Geology
HON 480	Economics of Poverty
PHL 332	Economic and Social Philosophy
POL 312	Law and Social Change
POL 329	Global Environmental Politics
POL 357	Ethics and Globalization
POL 404	Contemporary Peacemaking and Peace Building
SOC 102	Social Problems
THE 373	Economic Ethics