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/    Just Health Care in Developing Nations
            IHS 368

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