ENVIRONMENTAL STUDIES MAJOR

Requirements

The major requires 12 courses, up to eight of which may also count toward the core curriculum through appropriate course selection.

Summary of Requirements

Course	Title	Credits
ENST 1000	Introduction to Environmental Studies	3
Three natural science courses:		9
One physical science course		
One life science course		
One physical or life science course		
ECON 1010	Principles of Microeconomics	3
One course in Environmental History and Culture		3
One course in Environmental Economics		3
One course in Environmental Politics and Law		3
One course in Environmental Ethics and Justice		3
One course in Sustainable Design		3
ENST 3000	Environmental Research Methods	4
ENST 4000	Senior Thesis	4

Up to two courses may be double-counted from another major, as well as from a minor.

First Year Introductory Course

This course provides an overview of environmental problems and their societal causes and effects from natural science, social science, and humanities perspectives, and introduces students to interdisciplinary methods of integrating these disciplines in policy solutions to environmental problems.

1. One course in introductory environmental studies.

Course	Title	Credits
ENST 1000	Introduction to Environmental Studies	3

First Year/Sophomore Natural Science Courses

The following natural science courses provide foundational knowledge of physics, chemistry, and biology. Additional natural science courses (and/or a minor in biological sciences) can be taken in order to pursue a career track in conservation biology (see Career Tracks on the program website). If you have relevant AP or IB exams with a score of 4 or 5 (HL score of 6 or 7 for IBs), such exam credit might count toward the following requirements.

Note that some courses have prerequisites that must be completed. Among science courses, courses with the NSCI (Natural Science) and HPLC (Honors Program Lincoln Center) subject codes are offered at the Lincoln Center campus, while courses with the PHYS (Physics), CHEM (Chemistry and Biochemistry), BISC (Biological Sciences), and HPRH (Honors Program Rose Hill) subject codes are offered at Rose Hill campus.

Environmental Studies Natural Science courses (Physical and Life) all have the ESNS attribute.

2. One Environmental Studies Physical Science course.

CHEM 1109 Chemistry of the Environment, PHYS 1203 Environmental Physics, or NSCI 1020 Physical Science: Today's World is recommended, but any course listed below may apply to this requirement.

Courses in this group have the ESPS attribute.

Course	Title	Credits
BISC 3000	Environmental Science	3
CHEM 1109	Chemistry of the Environment	3
CHEM 1321	General Chemistry I	4
ENVS 3000	Environmental Science	3
HPLC 1603	Honors: Natural Science I	4
HPRH 1101	Interdisciplinary STEM I	3
NSCI 1020	Physical Science: Today's World	3
NSCI 1321	General Chemistry Lecture I	4
NSCI 1501	General Physics Lecture I	3
NSCI 2020	An Introduction to Geology	3
PHYS 1203	Environmental Physics	3
PHYS 1350	The Physics of Climate Change	3
PHYS 1501	General Physics I	3
PHYS 1601	Introduction to Physics I	4
PHYS 1701	Physics I	3

3. One Environmental Studies Life Science course.

BISC 1002 Ecology: A Human Approach or NSCI 1040 People and the Living Environment is recommended, but any course listed below may apply to this requirement.

Courses in this group have the ESLS attribute.

Course	Title	Credits
ANTH 1200	Introduction to Biological Anthropology	3
ANTH 4722	Primate Ecology and Conservation	4
BISC 1000	Life on the Planet Earth	3
BISC 1002	Ecology: A Human Approach	3
BISC 1403	Introductory Biology I	3
BISC 1404	Introductory Biology II	3
BISC 2561	Ecology	3
HPLC 1604	Honors: Natural Science II	4
HPRH 1201	Interdisciplinary STEM II	3
NSCI 1040	People and the Living Environment	3
NSCI 1403	General Biology Lecture I	3
NSCI 1404	General Biology Lecture II	3
NSCI 1423	Concepts in Biology Lecture I	3
NSCI 1424	Concepts in Biology Lecture II	3
NSCI 2010	Global Ecology Lecture	3
NSCI 2142	Paleoecology Lecture	3
NSCI 4050	Experimental Animal Behavior	3

4. One Environmental Studies Physical Science or Life Science course.

Students should select one additional physical science (ESPS attribute) or life science (ESLS attribute) course.

First Year/Sophomore Social Science Courses

The following course provides foundational skills in economics. If you have relevant AP or IB exams with a score of 4 or 5 (HL score of 6 or 7 for IBs), such exam credit might count toward the following requirements.

5. One course in introductory economics.

Course	Title	Credits
ECON 1010	Principles of Microeconomics	3

Upper-Level Courses

The following courses provide advanced knowledge and methods in the policy areas of environmental economics, design, politics and law, history, anthropology, media and communications, and ethics and justice. Students can make course selections in these areas in order to pursue a particular career track (see Career Tracks on the program website).

6. One course in environmental history and culture.

HIST 3990 Environmental History of the Atlantic World or ANTH 4373 Environment and Human Survival is recommended, but any course listed below may apply to this requirement.

Courses in this group have the ESHC attribute.

Course	Title	Credits
ANTH 2700	You Are What You Eat: The Anthropology of Food	4
ANTH 3380	Hazards, Disasters, and Human Experience	4
ANTH 4200	Climate Change and Culture	4
ANTH 4373	Environment and Human Survival	4
ANTH 4722	Primate Ecology and Conservation	4
BISC 4035	Ecology and Economics of Food Systems	4
COMC 2148	Introduction to Science Communication	4
COMC 4115	Communication and the Food System	4
COMC 4222	Media and the Environment	4
ECON 4035	Ecology and Economics of Food Systems	4
ENGL 3122	Extinction	4
ENGL 3209	Ecoliterature from Milton to Today	4
ENGL 3424	Romantics and Their World	4
ENGL 3509	Environmental Literature Now: Crises, Contexts, and Criticism	4
ENGL 3633	The Enlightened Earth: American Environment Cultures After 1960	4
ENGL 3634	The Literature of Climate Crisis	4
ENGL 3635	Future Environments: Human Life After the End	4
ENGL 3908	Wild London	4
ENGL 3909	Interspecies Friendship	4
ENGL 3910	Nature and Horror	4
ENGL 3916	Animals in Literature	4
ENGL 4107	Seminar: Ecology on the Edge: Climate Change and Literature	4
ENGL 4216	Animal Welfare in Literature and Culture	4
ENST 3722	Planes, Trains, and Automation	4
ENST 4900	Internship: Environmental Communications and Media	4
FREN 3270	Écocritique: Francophone environments and cultures	4
FREN 3492	Climate Change and Sustainable Development in the Francophone World	4
HIST 3364	Environmental History of the Atlantic World, 1250-1650	4
HIST 3538	The Good Earth?	4
HIST 3564	Environmental History of New York City: A Research Seminar	4
HIST 3987	Economic and Environmental History of Early America	4
HIST 3990	Environmental History of the Atlantic World	4
HIST 3992	Capitalism	4
HIST 3993	Environmental History: New York City	4
HIST 3994	Climate and Society	4
HIST 3998	People and Other Animals in History	4
HIST 4780	Sem: History of Capitalism	4
HIST 5563	Environmental History of the Atlantic World	4
HUST 3000	Climate Change and Migration: Global and Local Perspective	4
INST 3100	The Global Environment	4
JOUR 3734	Explorations in Climate Storytelling	4
LACU 3492	Climate Change and Sustainable Development in the Francophone World	4
MKBU 3461	Sustainable Fashion	3
PHIL 4370	Nature, History, and the Anthropocene	4
SOCI 3142	Environmental Sociology	4
SOCI 3145	Environment Technology Society	4
THEO 4444	Anthropocene: Sciences, Fictions, and Ethical Futures	4
URST 5070	Environmental History of the American City	3
VART 2020	BRONX: Seen & Unseen	4

7. One course in environmental economics.

ECON 3850 Environmental Economics or ECON 4030 Environmental-Economic Policy is recommended, but any course listed below may apply to this requirement.

Courses in this group have the ESEC attribute.

Course	Title	Credits
BISC 4035	Ecology and Economics of Food Systems	4
ECON 3850	Environmental Economics	4
ECON 4030	Environmental-Economic Policy	4
ECON 4035	Ecology and Economics of Food Systems	4
LPBU 3430	Sustainable Business	3

8. One course in environmental politics and law.

POSC 3307 Environmental Politics or POSC 3131 Politics, Urban Health, and Environment is recommended, but any course listed below may apply to this requirement.

Courses in this group have the ESPL attribute.

Course	Title	Credits
ENST 3307	Environmental Politics	4
ENST 3308	Catastrophe and Human Survival	4
PJST 3200	Environmental Justice	4
POSC 3131	Politics, Urban Health, and Environment	4
POSC 3307	Environmental Politics	4

9. One course in environmental ethics and justice.

PHIL 3712 Global Environment and Justice, PHIL 3990 Environmental Worldviews and Ethics, PHIL 4302 Environmental Policy and Ethics, PHIL 4409 Environmental Ethics, PJST 3200 Environmental Justice, or THEO 4008 Religion and Ecology is recommended, but any course listed below may apply to this requirement.

Courses in this group have the ESEJ attribute.

Course	Title	Credits
AFAM 3530	Race, Climate Change, and Environmental Justice in the African Diaspora	4
ENGL 3122	Extinction	4
ENGL 3209	Ecoliterature from Milton to Today	4
ENGL 3633	The Enlightened Earth: American Environment Cultures After 1960	4
ENGL 3634	The Literature of Climate Crisis	4
ENGL 3635	Future Environments: Human Life After the End	4
ENGL 3704	How to Bloom: Nature Writing, Justice, and Liberation	4
ENGL 3909	Interspecies Friendship	4
ENGL 3916	Animals in Literature	4
ENGL 4107	Seminar: Ecology on the Edge: Climate Change and Literature	4
ENGL 4216	Animal Welfare in Literature and Culture	4
FREN 3492	Climate Change and Sustainable Development in the Francophone World	4
LACU 3492	Climate Change and Sustainable Development in the Francophone World	4
PHIL 3712	Global Environment and Justice	4
PHIL 3722	Native American Philosophy	4
PHIL 3990	Environmental Worldviews and Ethics	4
PHIL 4302	Environmental Policy and Ethics	4
PHIL 4370	Nature, History, and the Anthropocene	4
PHIL 4409	Environmental Ethics	4
PJST 3200	Environmental Justice	4
THEO 3371	The American Transcendentalists: Spirituality Without Religion	3
THEO 4008	Religion and Ecology	4
THEO 4444	Anthropocene: Sciences, Fictions, and Ethical Futures	4
THEO 4520	Animals, Angels, and Aliens: Beyond the Human in Christian Thought	3

10. One course in sustainable design.

VART 2050 Designing the City or VART 2055 Environmental Design is recommended, but any course listed below may apply to this requirement.

Courses in this group have the ESSD attribute.

Course	Title	Credits
ARHI 2565	Architecture and the Environment	4
ARHI 4555	Art & Ecology in the 19th, 20th & 21st century	4
FASH 3700	Eco-Chic: Studies in Responsible Fashion Design	4
VART 2040	Elements of Architecture	4
VART 2050	Designing the City	4
VART 2055	Environmental Design	4
VART 2070	Architectural Design	4
VART 2424	Art and Action on the Bronx River	4
VART 3055	Ecology for Designers	4
VART 3056	Urban Environmental Design	4
VART 3541	The Streets of New York	4

11. One course in research and statistical methods.

ENST 3000 Environmental Research Methods, offered only each fall and taken in the senior year, provides an overview of environmental studies methods and allows students to begin work on their senior thesis, which is completed in ENST 4000 Senior Thesis in the following semester.

Course	Title	Credits
ENST 3000	Environmental Research Methods	4

Senior Thesis Capstone

12. Senior Thesis

Course	Title	Credits
ENST 4000	Senior Thesis	4

This course, normally offered only each spring and taken only in the senior year, involves completing a research thesis on an environmental issue of the student's choice which is approved by the instructor.

Availability

The major in environmental studies is available at Fordham College at Rose Hill and Fordham College at Lincoln Center. Students in Fordham's School of Professional and Continuing Studies may major in environmental studies only if they receive the approval of their advising dean and/or department, and their schedules are sufficiently flexible to permit them to take day courses at the Rose Hill or Lincoln Center campuses.

Fordham College at Rose Hill students: The requirements above are in addition to those of the Core Curriculum.

Fordham College at Lincoln Center students: The requirements above are in addition to those of the Core Curriculum.

Professional and Continuing Studies students: The requirements above are in addition to those of the PCS Core Curriculum *and any additional electives that may be required to earn a minimum of 124 credits.*

CIP Code

03.0103 - Environmental Studies.

You can use the CIP code to learn more about career paths associated with this field of study and, for international students, possible post-graduation visa extensions. Learn more about CIP codes and other information resources.