

UConn | COLLEGE OF AGRICULTURE, HEALTH AND NATURAL RESOURCES

PLAN OF STUDY

Catalog Year 2026-2027

Sustainable Environmental Systems MINOR

CATALOG STATEMENT: This minor applies the principles of sustainability science, systems thinking, and the environmental sciences to help society move toward a more sustainable future. Topics include ecological systems, natural resources management, environmental ethics and cultural interactions, as well as selected economics and business perspectives. This minor is offered jointly by the College of Liberal Arts and Sciences and the College of Agriculture, Health and Natural Resources.

REQUIREMENTS: Total of at least 15 credits at the 2000-level or above as follows:

- I. Core Courses:** (9 credits) All minors must take one course from areas A, B, and C. Additional core courses in a single category can be applied to the additional minor requirements beyond the core requirements. The same course cannot be used to fulfill more than one area.

A: Resource Management (at least ONE COURSE):

Dept.	No.	Course Title	Credits
EEB	□ 2208E	Introduction to Conservation Biology	3
GSCU	□ 3840	Environmental Planning and Management	3
MARN	□ 3030	Coastal Pollution and Bioremediation	3
NRE	□ 2010	Natural Resources Measurements	3
NRE	□ 2215E	Introduction to Water Resources	3
NRE	□ 2345	Introduction to Fisheries and Wildlife	3
NRE	□ 2550	Nature-based Outdoor Recreation Resource Management	3
NRE	□ 2600E	Global Sustainable Natural Resources	3
NRE	□ 3105	Wetlands Biology and Conservation	3
NRE	□ 3125	Watershed Hydrology	3
NRE	□ 3305	African Field Ecology and Renewable Resource Management	4
NRE	□ 3335	Wildlife Management	3
NRE	□ 3345/W	Wildlife Management Techniques	4
NRE	□ 3500	Silviculture: Applied Forest Ecology	4
NRE	□ 3535	Remote Sensing of the Environment	3
NRE	□ 4255	Water Quality Management	3
NRE	□ 4335	Fisheries Management	3
PLSC	□ 2100E	Environmental Sustainability of Food Production in Developed Countries	3

B: Ecological Systems (at least ONE COURSE):

Dept.	No.	Course Title	Credits
EEB	□ 2100E	Global Change Ecology	3
EEB	□ 2222E	Plants in a Changing World	3
EEB	□ 2244E/WE	General Ecology	4
EEB	□ 4230W	Methods of Ecology	4
EEB - or - MARN	□ 3230 or □ 3014	Marine Biology	3
NRE	□ 2455	Forest Ecology	3
NRE	□ 4150	Ecosystem Science and Management	3

NRE	□ 4205	Stream Ecology	3
NRE	□ 4340	Ecotoxicology	3
PLSC	□ 3120E	Fungi, Fire, and Flood: Soil Microbes in a Changing World	3

C: Ethics, Values, and Culture (at least ONE COURSE):

Dept.	No.	Course Title	Credits
ENGL	□ 2635E	Literature and the Environment	3
ENGL	□ 3240E	American Nature Writing	3
ENGL	□ 3715E	Nature Writing Workshop	3
GSCU	□ 3810E	Human Modification of Natural Environments	3
GERM	□ 2400E	The Environment in German Culture	3
HIST/MAST	□ 2210E	History of the Ocean	3
HIST	□ 2222E	Global Environmental History	3
HIST	□ 3540E/WE	Environmental History of the Americas	3
HIST	□ 3542E	New England Environmental History	3
JOUR	□ 3046E	Environmental Journalism	3
LAND	□ 2210E	The Common (Shared) Landscape of the USA: Rights, Responsibilities and Values	3
PHIL	□ 3212E	Philosophy and Global Climate Change	3
PHIL	□ 3216E	Environmental Ethics	3
SOCI	□ 2701E	Sustainable Societies	3
SOCI	□ 2705E	Sociology of Food	3
SOCI	□ 2707/W	Energy, Environment, and Society	3
SOCI	□ 2709E/WE	Society and Climate Change	3

II. 6 Additional credits from the following areas: Choose at least 3 credits from two of the three areas D-F. Courses cannot be used to fulfill more than one area.

Choose at least THREE credits each from two of the three areas D-F totaling at least SIX credits:

Dept.	No.	Course Title	Credits
D: Built Systems			
AH	□ 3175E	Environmental Health	3
ENVS/EVST/ENVE	□ 3110E	Brownfield Redevelopment	3
GSCU	□ 2800E	Introduction to Sustainable Cities	3
LAND	□ 3230WE	Sustainable Environmental Planning and Landscape Design	3
NRE	□ 3265	Sustainable Urban Ecosystems	3
NRE	□ 4425	Urban and Community Forestry	3
PLSC	□ 3550	Urban Plant Systems Construction and Maintenance	3
E: Governance and Policy			
ARE	□ 2434E	Environmental and Resource Policy	3
ARE	□ 3437E	Marine Fisheries Economics & Policy	3
ARE	□ 4438E	Valuing the Environment	3
ARE	□ 4462E	Environmental and Resource Economics	3
ECON/MAST	□ 2467E	Economics of the Ocean	3

ENVS/EVST/ENVE	□ 3100	Climate Resilience and Adaptation: Municipal Policy and Planning	3
EVST/POLS	□ 3412	Global Environmental Politics	3
ERTH	□ 2300E	The Energy Transition	3
GSCU	□ 3320W	Environmental Evaluation and Assessment	3
MAST/POLS	□ 3832	Maritime Law	3
NRE	□ 3000	Human Dimensions of Natural Resources	3
NRE	□ 3201	Conservation Law Enforcement	3
NRE	□ 3245E	Environmental Law	3
SOCI	□ 2707/W	Energy, Environment, and Society	3
F: Economics and Business			
ARE	□ 4305	Sustainable Economic Development	3
ARE	□ 4438E	Valuing the Environment	3
ARE	□ 4444	Economics of Energy, Climate, and the Environment	3
ARE	□ 4462E	Environmental and Resource Economics	3
ECON/MAST	□ 2467E	Economics of the Ocean	3
ECON	□ 3466E	Environmental Economics	3
ECON	□ 3473/W	Economic Development	3

- Students must earn a grade of “C” (2.0) or higher in each individual course listed above.
- A maximum of 3 credits toward the minor may be transfer credits of courses equivalent to UConn courses.
- A maximum of 6 credits in the minor may be part of the major. Students cannot receive the minor within the same Environmental Sciences degree concentration.
- Students must complete all requirements for a baccalaureate degree. Once the minor has been declared, it will appear on the student's transcript.

MINOR ADVISOR: For more information on the minor or approval on the final Plan of Study for the minor, please contact Sara Tremblay at sara.tremblay@uconn.edu or 860-486-5218.

DECLARATION PROCEDURE: Students who wish to declare this minor must submit the [CLAS Online Program Change Form](#).

APPROVAL: A plan of study for the minor signed by the department or program head, director, or faculty designee must be submitted to the Office of the Registrar via the Student Administration System during the first four weeks of the semester in which the student expects to graduate. For instructions, consult the [UConn Knowledgebase](#).