ENVIRONMENT AND SUSTAINABILITY COMPREHENSIVE MAJOR: FOOD SYSTEMS EMPHASIS

Program Requirements

The Food Systems emphasis will provide the skills to equip students to improve and stabilize food systems, alleviate hunger, and identify entrepreneurial opportunities in a rapidly changing sector. Working at the intersection of food production and distribution networks, students will graduate with an understanding of the assets and challenges facing existing food system structures and an ability to help build new relationships between food consumers and producers.

A minimum of 63 credits is required for the Environment & Sustainability Comprehensive Major: Food Systems Emphasis.

Code	Title	Credits
ENVS 100	Introduction to Environment and Sustainability (GT-SS2)	3
ENVS 200	Writing the Environment	3
ENVS 250	Environmental Justice	3
ENVS 301	Science of Sustainability and Resilience	3
ENVS 315	Food Policy & Politics	3
ENVS 325	Introduction to Soil Science	4
ENVS 350	U.S. and Western Environmental Politics	3
ENVS 385	Sustainable Agriculture & Food Production	3
ENVS 390	Environmental Monitoring	4
ENVS 400	Applied Sustainability	3
ENVS 410	Environmental Ethics	3
ENVS 435	Environmental Grant Writing	1
ENVS 499	Internship in Environmental Studies	3
NTR 305	Community Nutrition	3
Required Supporting Courses		
GEOL 101	Physical Geology (GT-SC2)	3
GEOL 105	Physical Geology Laboratory (GT-SC1)	1
CHEM 101	Introduction to Inorganic Chemistry (GT-SC2)	3
BIOL 130	Environmental Biology (GT-SC2)	3
BIOL 135	Environmental Biology Laboratory (GT-SC1)	1
ECON 215	Environmental Economics	3
Select one of the following:		1
HWTR 200	This Is The Headwaters	
HWTR 398	Headwaters Conference	
Select one of the following:		3
ECON 216	Statistics for Business and Economics	
MATH 113	Statistical Thinking (GT-MA1)	
MATH 213	Probability and Statistics (GT-MA1)	
SOC 211	Quantitative Research Methods	
Select one of the following:		3
ANTH 230	Cultural Anthropology (with laboratory)	
ANTH 320	Cultural Ecology	
ENG 151	Borderlands: Representing Race, Class, Gender, and Sexuality	
POLS 250	Politics of the Environment	
POLS 340	Politics of Social Movements	
POLS 350	Human Rights	
POLS 355	The Global South	
POLS 370	Political Economy	
PSY 308	Environmental Psychology	
PSY 410	Multicultural Psychology	
PSY 457	Social Psychology	
SOC 150	Environmental Sociology	
SOC 168	Social Problems	
SOC 340	Social Movements	
SOC 380	Social Class, Status, and Power	
Total Credits		**63**

Capstone Course Requirement

The following course in the Environment and Sustainability Major fulfills the capstone course requirement: ENVS 400 Applied Sustainability.

Graduation Requirements

Undergraduate programs require a minimum of 120 semester credits for graduation. Of those 120 credits, 40 credits must be in upper-division courses (those marked 300 and above). Fifteen of these 40 upper-division credits must be earned in courses that are part of the standard or comprehensive major program being pursued.

Students are expected to review all graduation requirements, which can be found in the Western Undergraduate Catalog: Graduation Requirements (https://catalog.western.edu/undergraduate/graduation-requirements/).

Degree Plan

Course	Title	Credits
Year One		
Fall		
HWTR 100	First Year Seminar	1
ENVS 100	Introduction to Environment and Sustainability (GT-SS2)	3
BIOL 130	Environmental Biology (GT-SC2)	3
BIOL 135	Environmental Biology Laboratory (GT-SC1)	1
ENG 102	Writing and Rhetoric I (GT-CO1)	3
Gen Ed	General Education (Area I, II, or III)	3
	Credits	**14**
Spring		
MATH 113	Statistical Thinking (GT-MA1)	3
Elective	Elective	3
PHYS 125	Energy and the Environment (GT-SC2)	3
ENG 103	Writing and Rhetoric II (GT-CO2)	3
GEOL 101	Physical Geology (GT-SC2)	3
GEOL 105	Physical Geology Laboratory (GT-SC1)	1
	Credits	**16**
Year Two		
Fall		
HWTR 398	Headwaters Conference	1
ENVS 200	Writing the Environment	3
Gen Ed	General Education (Area II)	3
Gen Ed	General Education (Area I or III)	3

ENVS 250	Environmental Justice	3
Elective	Elective or minor course	3
	Credits	**16**
Spring		
ECON 215	Environmental Economics	3
Gen Ed	General Education (Area I or III)	3
Gen Ed	General Education (Area I or III)	3
Gen Ed	General Education (Area I, II, or III)	3
Elective	Elective or minor course	3
	Credits	**15**
Year Three		
Fall		
NTR 305	Community Nutrition	3
ENVS 325	Introduction to Soil Science	4
ENVS 301	Science of Sustainability and Resilience	3
ENVS 350	U.S. and Western Environmental Politics	3
Elective	chosen from selection of classes on racial, gender, sex, and/or class contexts	3
	Credits	**16**
Spring		
ENVS 315	Food Policy & Politics	3
ENVS 360 or ENVS 370 or ENVS 373	Global Environmental Policy or Water Policy and Politics or The Water Planet	3
ENVS 390	Environmental Monitoring	4
Elective	Elective	3
Elective	Elective	3
	Credits	**16**
Summer		
ENVS 499	Internship in Environmental Studies (Recommended but optional)	3
	Credits	**3**
Year Four		
Fall		
ENVS 385	Sustainable Agriculture & Food Production	4
ENVS 435	Environmental Grant Writing	1
Elective	Elective	3
Elective	Elective	3
ENVS 410	Environmental Ethics	3
	Credits	**14**
Spring		
ENVS 499	Internship in Environmental Studies (if not taken over summer)	3
Elective	Elective	3
Elective	Elective	3
Elective	Elective	3
ENVS 400	Applied Sustainability	3
	Credits	**15**
	Total Credits	**125**