

**Minor in  
Applied Community and Environmental Sustainability (ACES)  
Department of Geography and Planning  
Requirements Effective Spring 2026**

This Program requires a total of six courses (18 credit hours) distributed as follows:

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**Required Courses** (3 courses: 9 credit hours)

GEO 230	Environmental Conservation and Sustainability (BSS GE)	3
GEO 334	Sustainable Living	3

**Choose 1 of these Courses<sup>1</sup>**

GEO 213	GIS for Social Justice (ETH GE)	3
or		
GEO 318	Economic Geography	
or		
GEO 33	Sustainable Cities (SPE GE)	
or		
PLN 336	Environmental Planning	
or		
ECO 385	Environmental & Resource Economics	

**Core Requirements: 9**

**Elective Courses** (3 courses: 9 credit hours) Choose 3 courses from Geography and Planning Electives and/or Other Electives. <sup>2</sup>

**Geography and Planning Electives**

GEO 102	Physical Geography
GEO 200	Global Cities (BSS GE)
GEO 213	GIS for Social Justice (ETH GE)
GEO 235	Geography of Agriculture, Food & Sustainability (BSS GE)
GEO 236	Global Climate Change: Causes/Consequences
GEO 301	Geography of United States and Canada
GEO 316	GIS for Climate Monitoring, Hazards, and Emergency Management
GEO 318	Economic Geography
GEO 332	Environmental Crises (SPE GE)
GEO 333	Sustainable Cities
GEO 338	Environmental Applications of GIS
GEO 341	Landscape Ecology
GEO 352	Environmental Geopolitics (WRT GE)
GEO 403	Geodesign for Smart Cities
PLN 214	Intro to Planning (BSS/SPE GE)
PLN 301	Planning History, Theory, and Ethics (ETH WRT GE)
PLN 316	Planning for Resilient Communities and Natural Disasters
PLN 318	Economic Development Planning
PLN 331	Transportation Planning
PLN 336	Environmental Planning
PLN 337	Land conservation

**Other Electives**

ANT 277	Sustainable Food Systems
ANT 367	Archaeology and the Environment

BIO 270	Ecology
BIO 315	Terrestrial Ecosystem Ecology
BIO 415	Tropical Ecology and Conservation
BIO 471	Wetlands
BIO 472	Urban Watershed Science
BIO 473	Conservation Biology
BIO 476	Freshwater Ecology
CHE 403	Chemistry of the Environment
COM 335	Organizations and Sustainability
CRJ 318	Environmental Crime
ECO 350	Urban Economics
ECO 385	Environmental & Resource Economics
EDO 400	Environmental Sustainability Educ: History, Theory & Practice
EDO 415	History Of Conservation
EDO 420	Outdoor and Place-Based Education
EDO 450	Education for Sustainability: Methods and Field Experience
EDO 498	Workshop In Environmental Education
ENG 305	Environmental/Experiential Writing: Taking Action
ENG 310	Environmental Rhetoric and Advocacy
ENV 102	Humans and the Environment
ENV 242	Global Climate Change & the Future of Public Health
ENV 324	Environmental Sustainability
ENV 447	Environmental Regulations
ESS 102	Humans and the Environment
ESS 127	Movies, Media, & Entertainment from an Earth and Space Science Perspective
ESS 128	The Science of Natural Disasters
ESS 336	Environmental Geology
HON 314	Science, Technology, and Environmental Systems
HON 355	Environmental Stewardship
IDS 300	Interdisciplinary Practice and Theory
MGT 313	Business and Society
NTD 277	Sustainable Food Systems
PHI 451	Religion and Ecology
PHI 480	Environmental Ethics
PSC 354	Sustainability Politics and Policy
PSY 215	Liberation Psychology: Sustaining Community Change
RUX 110	Introduction to Urban Community Change
RUX 215	Liberation Psychology: Sustaining Community Change
SCB 102	Humans and the Environment
SCI 100	Climate Change
SOC 245	Environmental Sociology
SOC 309	Sustainable WCU & Beyond
SUS 100	Introduction to Sustainability and Resilience
SUS 400	Sustainability Capstone: Application & Leadership
WOS 260	Globalization and the Ethics of Sustainability

## Elective Requirements:

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<sup>1</sup> Courses not used from this list may be used as an elective course.

<sup>2</sup> Consult with the ACES Program Advisor to select your Electives.