

Geography and Sustainable Development - Bachelor of Arts

Geography and Sustainable Development majors integrate the social and natural sciences to address 21st century social, economic, and environmental challenges. They synthesize geographic information using qualitative and quantitative techniques, including geospatial mapping technologies and data science. Students apply critical thinking, communication, and technical skills through individualized research and field experiences. They are prepared for purposeful careers in sustainable development and policy; environment and natural resource management; culture, citizenship and social justice; and geospatial techniques and applications.

For information, contact the Department of Geography, 118B Shideler Hall, 513-529-5010.

Program Requirements

(36-42 semester hours)

Code	Title	Credit Hours
Geography and Sustainable Development Foundations		9-10
GEO 101 or GEO 111	Global Forces, Local Diversity World Regional Geography: Patterns and Issues	
GEO 121 or GEO 122 or GLG 121	Earth's Physical Environment Geographic Perspectives on the Environment Environmental Geology	
GEO 211	Global Sustainable Futures	
Geospatial Analysis and Techniques		6-7
GEO 242	Mapping a Changing World	
GEO 221 or GEO 441 or GEO 448 or STA 261	Field Methods for Environmental Scientists Geographic Information Systems Techniques and Applications of Remote Sensing Statistics	
Sustainable Development Perspectives		3
Choose one from the following.		
GEO 201 GEO 271	Geography of Urban Diversity Human Dimensions of Natural Resource Conservation	
GEO 302 GEO 378	Geography and Gender Political Geography	
IES 274	Introduction to Environment and Sustainability	
Place and Region		3-6
Choose one from the following.		
GEO 309 GEO 406	Native American Women Indigenous Peoples and Their Sacred Lands	
ITS 302 ITS 333	Issues in the Global South Global Development and Inequality	

Applications and Areas of Focus 12

Select at least 12 hours from any of the following:		
Sustainable Development and Policy		
GEO 436	Women, Gender, and the Environment	
GEO 451	Urban and Regional Planning	
GEO 454	Urban Geography	
GEO 459	Advanced Urban and Regional Planning	
GEO 467	Land Use, Law and the State: Geographic Perspectives	
GEO 475	Global Periphery's Urbanization	
POL 261	Public Administration	
Environment and Natural Resource Management		
BIO 209	Fundamentals of Ecology	
GEO 333	Global Perspectives on Natural Disasters	
GEO 425	Surface Water Hydrology	
GEO 426	Watershed Management	
GEO 431	Global Plant Diversity	
GEO 436	Women, Gender, and the Environment	
GLG 204	Survival on an Evolving Planet	
GLG 307	Water and Society	
GLG 354	Geomorphology	
IES 275	Principles of Environmental Science	
IES 419	Environment, Society & Justice	
IES 450	Environmental Law	
Culture, Citizenship, and Social Justice		
ATH 175	Global Cultural Diversity	
GEO 245	Imagining the Sustainable City	
GEO 302	Geography and Gender	
GEO 309	Native American Women	
GEO 352	Geographies of Urban Change	
GEO 378	Political Geography	
GEO 406	Indigenous Peoples and Their Sacred Lands	
GEO 462	Citizenship and the City	
GEO 475	Global Periphery's Urbanization	
GEO 476	Global Poverty	
Geospatial Applications		
GEO 441	Geographic Information Systems	
GEO 442	Advanced Geographic Information Systems	
GEO 443	Python Programming for Geospatial Applications	
GEO 444	GIScience Techniques in Landscape Ecology	
GEO 445	Geographic Information Systems for Criminal Justice	
GEO 448	Techniques and Applications of Remote Sensing	
Capstone Experience		3-4
GEO 491	Geography and Sustainable Development Research Seminar	

GEO 493	Urban Field Experience
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Total Credit Hours

36-42

¹ Students are encouraged to consult with their advisor and review departmental publications for suggested specialization courses that align with each student's interests and post-graduation plans.