

# ENVIRONMENTAL PLANNING - MINOR

Environmental planning facilitates decision making to carry out urban planning, urban design, land development, and natural resource conservation with consideration given to environmental, social, political, and economic factors. The field applies the natural and social sciences to promote environmentally sound growth, effective management of natural resources, and solutions to urban development to offer the frameworks necessary for achieving sustainable outcomes. In this sense, environmental planners might employ the traditional skills of landscape architects and urban planners, such as physical planning and site design, to inspire more creative and ecologically informed plans and help mitigate the detrimental effects of development.

The environmental planning minor provides non-ENVD students experience with the process, technical skills and professional practice of environmental planning. To this end, students are required to take courses offering training in software (primarily Geographic Information Systems/GIS), theoretical and conceptual materials, and studio work. The program is directed towards students interested in either obtaining a graduate degree in planning, urban design or landscape architecture and those wishing to work interdisciplinarily across their major using the tools of planning and landscape architecture.

## Requirements

### Required Courses and Credits

The minor requires that students complete a minimum of 18 credits in environmental planning-related courses. Of those 18 credits, at least 9 must be taught within the ENVD program.

Code	Title	Credit Hours
<b>Theory and History Requirement</b>		<b>3</b>
Choose one:		
PLAN 2004	History and Theory of Sustainable Planning and Design	
LAND 2004	History of Landscape Architecture	
PLAN 3005	Process and Practice	
LAND 4114	Landscape Architecture Theory	
<b>Technology Requirement</b>		<b>3</b>
Choose one:		
GEOG 3053	Geographic Information Science: Mapping	
GEOG 4603	GIS in the Social and Natural Sciences	
<b>Electives</b>		<b>6</b>
Choose two:		
PLAN 3005	Process and Practice	
PLAN 3102	Strategies and Techniques for Sustainable Planning and Design	
PLAN 4101	Sustainable Futures Planning	
ENVD 4361	Special Topics: Social Factors in Design (Inclusive Community Design)	
ENVD 4363	Special Topics: Physical Factors in Environmental Design (Field Sketching through Landscape)	

ENVD 4363	Special Topics: Physical Factors in Environmental Design (Designing and Planning for Natural Areas)	
ENVD 4363	Special Topics: Physical Factors in Environmental Design (Transportation Planning)	
ENVD 4764	Special Topics: Theory and Criticism in Environmental Design (Sustainability and Feng-shui )	
ENVD 4311	Housing Policies and Practices	
LAND 3103	Ecological Planting Design	
LAND 4114	Landscape Architecture Theory	
GEOG 3612	Geography of American Cities	
GEOG 4772	The Geography of Food and Agriculture	
EBIO 3590	Plants and Society	
EBIO 4060	Landscape Ecology	
EBIO 3040	Conservation Biology	
<b>Design Studio</b>		
PLAN 4100	Capstone in Planning and Urban Design	6
<b>Total Credit Hours</b>		<b>18</b>