

REMOTE SENSING OF ENVIRONMENTAL CHANGE MINOR

Geographical Sciences (GEOG)

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The Remote Sensing of Environmental Change minor program (RSEC) is designed to build students' understanding global environmental change in order to assess their impacts on the physical and human landscapes, and to use remote sensing as an analytical tool for identifying the impacts. Students in the minor program will receive technical training in remote sensing to examine how extreme environmental events shape human society and ecosystems from the interdisciplinary perspective afforded by the field of geography.

Admission to the Program

There are no special requirements for the minor program in Remote Sensing of Environmental Change. The Department of Geographical Sciences welcomes students from every area of study. GIS and ENSP students are also welcome to enroll in this minor.

REQUIREMENTS

- All credits for the minor must be taken in the Department of Geographical Sciences at the University of Maryland, College Park.
- All courses must be completed with a grade of "C-" or better.
- No more than **six credits** are to be included in the minor and student's major, supporting courses, and college requirements.

Course	Title	Credits
Foundation Course		
Choose one Foundations Course		3
GEOG140	Natural Disasters: Earthquakes, Floods, and Fires	
GEOG170	Mapping our Digital World	
Technical Geography Courses		
GEOG272	Introduction to Earth Observation Science	3
GEOG472	Remote Sensing: Digital Processing and Analysis	3
Select one Physical Geography Course:		3
GEOG340	Geomorphology	
GEOG301	Advanced Geographical Environmental Systems	
Select one Human Dimension of Global Change Course:		3
GEOG328	Topics in Regional Geography (GEOG328B - China)	
GEOG328	Topics in Regional Geography (GEOG328C - Sub-Saharan Africa)	
GEOG330	As the World Turns: Society and Sustainability in a Time of Great Change	
GEOG331	Introduction to Human Dimensions of Global Change	
GEOG332	Economic Geography	
GEOG423	Latin America	

Select one Advanced Integrated Course:		3
GEOG415	Land Use, Climate Change, and Sustainability	
GEOG416	Conceptualizing and Modeling Human-Environmental Interactions	
GEOG431	Culture and Natural Resource Management	
GEOG441	The Coastal Ocean	
GEOG442	Biogeography and Environmental Change	
Total Credits		18