

MINOR IN REMOTE SENSING OF ENVIRONMENTAL CHANGE

Examine how extreme events shape human society and ecosystems.

This minor is designed to equip students who are interested in working for USAID, USDA, FEMA, NASA, USGS, EPA, and other governmental and non-governmental agencies with a competitive edge!

Foundations Course (3 cr.)

Choose one of the following:

- GEOG156 How NASA Sees the Earth (3 cr.) DSSP
- GEOG170 Mapping Our Digital World (3 cr.) DSNS
- GEOG172 Earth From Space (3 cr.) DSNS, SCIS
- GEOG201 Geography of Environmental Systems (3 cr.) DSNL (if taken with GEOG211)

Term	Grade	Notes

Core Course (3 cr.)

- GEOG272 Introduction to Earth Observation Science (3 cr.)

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Advanced Technical Courses (9 cr.)

Choose three of the following:

- GEOG371 Programming for Image Analysis (3 cr.)
- GEOG417 Land Cover Characterization using Remotely Sensed Data Sets (3 cr.)
- GEOG418 Field & Lab Tech. in Environmental Science (3 cr.)
- GEOG440 Polar Remote Sensing (3 cr.)
- GEOG461 Machine Learning for Computational Earth Obs. Science (3 cr.)
- GEOG471 Technologies for Computational Earth Obs. Science (3 cr.)
- GEOG472 Remote Sensing: Digital Image Processing & Analysis (3 cr.)

Program Requirements & Admission

There are no special requirements for the RSEC Minor Program! Geographic science methods are applicable to many diverse fields ranging from computer science and homeland security to agriculture and environmental science (and more!). We welcome students from every area of study.

All **15 credits** for the minor must be taken in the Department of Geographical Sciences at UMD College Park. All courses must be completed with a C or higher. No more than six credits can overlap between required courses for a major and this minor.

APPLY NOW

Fill out the online form at ter.ps/geogminor to apply today!

If you have any questions, please contact an advisor at geog-advise@umd.edu



COLLEGE OF
BEHAVIORAL &
SOCIAL SCIENCES

BE THE SOLUTION