

ENVIRONMENTAL GEOGRAPHIC INFORMATION SCIENCE - GRADUATE CERTIFICATE

College of Arts and Sciences
Department of Geography
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Description

The Environmental Geographic Information Science graduate certificate prepares graduates to work in the geospatial technology industry, as well as allied industries that rely on employees who are highly trained in this technology. Prospective employers are private and public sector entities that need to map and analyze environmental conditions and resources. Examples of such employers are local, state and federal government agencies; businesses that focus on logistics, marketing and engineering; and non-profit agencies in health services and environmental management.

Fully Offered At:

- Online

Admission Requirements

- Official transcript(s)
- Undergraduate degree in geography or a related field¹
- Minimum 3.000 undergraduate GPA
- Goal statement
- Three letters of recommendation (Effective Spring 2020, two letters of recommendation)

For more information about graduate admissions, please visit the Graduate Studies website.

¹ This requirement may be waived with evidence of professional experience using geospatial technologies or alternative evidence of ability to excel in a geographic information science graduate degree program.

Gainful Employment Disclosure

Disclosure statement for this certificate.

Program Requirements

Certificate Requirements

| Code | Title | Credit Hours |
|---|-------|--------------|
| Certificate Requirements | | |
| Certificate Electives, choose from the following: | | 15 |

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| GEOG 59072 | GEOGRAPHIC INFORMATION SCIENCE AND HEALTH | |
| GEOG 59078 | GEOGRAPHIC INFORMATION SCIENCE AND ENVIRONMENTAL HAZARDS | |
| GEOG 69004 | QUANTITATIVE METHODS IN GEOGRAPHY | |
| GEOG 69079 | ENVIRONMENTAL GEOGRAPHIC INFORMATION SCIENCE | |
| GEOG 69083 | GEODATABASES | |
| GEOG 69164 | CARTOGRAPHIC DESIGN | |
| GEOG 69231 | ENVIRONMENTAL REMOTE SENSING | |
| Minimum Total Credit Hours: | | 15 |

Graduation Requirements

Minimum Certificate GPA
3.000