GEOGRAPHIC INFORMATION SYSTEMS UNDERGRADUATE ACADEMIC CERTIFICATE

All required coursework must be completed with a grade of 'C' or better (O-10-a (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 385</td>
<td>Foundations of GIS</td>
<td>3</td>
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<tr>
<td>GEOG 475</td>
<td>Intermediate GIS</td>
<td>3</td>
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Select 9 credits of electives from the following: (See note below about limits to the total number of credits allowed from outside the Geography department.)

- GEOG 390  Cartographic Design & Geovisualization
- GEOG 402  GIS Skills Development
- GEOG 407/507  Spatial Analysis and Modeling
- GEOG 414  Socioeconomic Applications of GIS
- GEOG 424/524  Hydrologic Applications of GIS and Remote Sensing
- GEOG 479  GIS Programming
- GEOG 483/583  Remote Sensing Image Analysis/GIS Integration
- GEOG 487  Topics in Geospatial Analysis
- FOR/NRS 375  Fundamentals of Geomatics
- LARC 395  GIS Applications for Landscape Planning
- REM 407  GIS Application in Fire Ecology and Management

Other courses as approved by the department

Note: Nine of the 15 credits must be taken within the Geography department at the University of Idaho. Only 6 credits may be taken outside of the department, including courses taken in other departments at U of I and transfer courses from other institutions used as substitutions.

Courses to total 15 credits for this certificate