POST-BACCALAUREATE ADVANCED GIS CERTIFICATE

The Department of Geoscience offers an Advanced Certificate in GIS designed for professionals and students wishing to increase their job skills and to have their skills recognized through a certification program, and students from other disciplines interested in broadening their knowledge of the use of Geographic Information Systems (GIS). Courses focus on the application of Geospatial technology to a variety of fields including biology, forestry, geology, hazards management, business, city and regional planning, transportation planning, marketing and software development within GIS industry. Admission to the certificate program is required or current enrollment at UNA. No GRE is required.

Curriculum Requirements for the Post-Baccalaureate Advanced Geographic Information Systems (GIS) Certificate

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE 615</td>
<td>Advanced Quantitative Methods in Geography</td>
<td>3</td>
</tr>
<tr>
<td>GE 688</td>
<td>Modeling and Analysis in GIS (Spatial Modeling)</td>
<td>3</td>
</tr>
<tr>
<td>GE 554</td>
<td>Remote Sensing (Remote Sensing)</td>
<td>4</td>
</tr>
<tr>
<td>GE 654</td>
<td>Advanced Remote Sensing (Advanced Remote Sensing)</td>
<td>3</td>
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<tr>
<td>GE 664</td>
<td>GIS Programming (GIS Programming)</td>
<td>3</td>
</tr>
<tr>
<td>GE 674</td>
<td>Web GIS (Web GIS)</td>
<td>3</td>
</tr>
<tr>
<td>GE 685</td>
<td>GIS Applications - Business Analytics (GIS Applications-Business Analytics)</td>
<td>3</td>
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</tbody>
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Total Hours: 12-13