Date of Initiation: Fall 2023

Degree Requirement Total Credit Hours: 12
Core Courses (6 credits): GEOMATICS 710 and GEOMATICS 831

Technical Electives (6 credits): GEOMATICS 612, GEOMATICS 620, GEOMATICS 640, GEOMATICS 650, GEOMATICS 660, GEOMATICS 670, GEOMATICS 720, GEOMATICS 845, GEOMATICS 885, STAT 824, CES 708, CIEN 754, CIEN 700

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>Names</th>
<th>credits</th>
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<tbody>
<tr>
<td>GEOMATICS 710</td>
<td>Geospatial Techniques and Analysis</td>
<td>3 credit hrs.</td>
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<tr>
<td>GEOMATICS 831</td>
<td>Advanced Geospatial Analysis</td>
<td>3 credit hrs.</td>
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</table>

<table>
<thead>
<tr>
<th>Electives Courses (choose two)</th>
<th>Names</th>
<th>credits</th>
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<tbody>
<tr>
<td>GEOMATICS 650</td>
<td>Land Information Systems and Management</td>
<td>3 credit hrs.</td>
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<tr>
<td>GEOMATICS 660</td>
<td>Applied Geodetic Measurements</td>
<td>3 credit hrs.</td>
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<tr>
<td>GEOMATICS 670</td>
<td>Advanced Boundary Research</td>
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<td>GEOMATICS 720:</td>
<td>Advanced Imaging</td>
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<td>GEOMATICS 845:</td>
<td>Methodologies of Applied Remote Sensing</td>
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<td>GEOMATICS 885</td>
<td>Special Topics</td>
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<td>STAT 824</td>
<td>Biostatistics Health Analytics</td>
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<td>CIEN 754 -</td>
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<td>3 credit hrs.</td>
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<td>CSE 708:</td>
<td>Data Analytics and Engineering Applications</td>
<td>3 credit hrs.</td>
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<tr>
<td>CIEN 700 -</td>
<td>Emerging Technologies in CIEN</td>
<td>3 credit hrs.</td>
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Please see catalog for course descriptions