## Environment Assessment (MR)

### Degree Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Requirements</strong></td>
<td>24</td>
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</tr>
<tr>
<td>EA 501</td>
<td>Environmental Stressors</td>
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<tr>
<td>EA 502</td>
<td>Environmental Risk Assessment</td>
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<tr>
<td>EA 503</td>
<td>Environmental Exposure Assessment</td>
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<tr>
<td>EA 504</td>
<td>Environmental Monitoring and Analysis</td>
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<tr>
<td>GIS 510</td>
<td>Fundamentals of Geospatial Information Science and Technology</td>
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<tr>
<td>EA 505</td>
<td>Environmental Assessment Law &amp; Policy</td>
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<tr>
<td>or PS 536</td>
<td>Global Environmental Law and Policy</td>
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<tr>
<td>EA 665</td>
<td>Professional Project</td>
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<tr>
<td><strong>Elective Courses</strong></td>
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<tr>
<td>&quot;Elective Courses&quot; are approved in conjunction with the academic committee to meet 30 total hours</td>
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<table>
<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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<tbody>
<tr>
<td><strong>Electives</strong></td>
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<tr>
<td>Select a minimum of two of the following courses:</td>
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<tr>
<td>AEC 592</td>
<td>Special Topics in Applied Ecology</td>
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<tr>
<td>ST 511</td>
<td>Statistical Methods For Researchers I</td>
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<tr>
<td>ST 512</td>
<td>Statistical Methods For Researchers II</td>
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<tr>
<td>MEA 517</td>
<td>Fundamentals of Climate Change Science</td>
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<tr>
<td>MEA 518</td>
<td>Adaptation to Climate Change</td>
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<td>MEA 519</td>
<td>Barriers to Climate Change Literacy</td>
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<tr>
<td>GIS 512</td>
<td>Introduction to Environmental Remote Sensing</td>
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<tr>
<td>GIS 515</td>
<td>Cartographic Design</td>
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<td>GIS 521</td>
<td>Surface Water Hydrology with GIS</td>
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<td>GIS 530</td>
<td>Spatial Data Foundations</td>
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<tr>
<td>EA 520</td>
<td>Renewable Energy Policy and Economics</td>
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<tr>
<td>EA 521</td>
<td>Fundamentals of Renewable Energy Site Assessment</td>
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<tr>
<td>EA 522</td>
<td>Photovoltaic Design and Assessment</td>
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<tr>
<td>EA 523</td>
<td>Assessment of Renewable Energy Storage Systems</td>
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<tr>
<td>BAE 575</td>
<td>Design of Structural Stormwater Best Management Practices</td>
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<td>BAE 576</td>
<td>Watershed Monitoring and Assessment</td>
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<tr>
<td>BAE 580</td>
<td>Introduction to Land and Water Engineering</td>
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<tr>
<td>BAE 583</td>
<td>Stream Corridor 3 Es: Ecohydraulics, Engineering and Ethics</td>
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<tr>
<td>FB 576</td>
<td>Environmental Life Cycle Analysis</td>
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<tr>
<td>SSC 562</td>
<td>Environmental Applications Of Soil Science</td>
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<tr>
<td>SSC 570</td>
<td>Wetland Soils</td>
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Total Hours: 30