Degree Requirements
Master of Science in Environmental & Resource Management
(with a concentration in Water Management)

The MS in Environmental & Resource Management with a concentration in Water Management requires a minimum of 30 credit hours. These credit hours must reflect one of the following options:
- 30 credit hours and a portfolio, or
- 30 credit hours and a written comprehensive exam, or
- 30 credit hours including the required Applied Project course (ERM 593), or
- 30 credit hours including the required Thesis course (ERM 599) and a thesis

Coursework

Required Core Courses (6 credit hours)**
- ERM 502 Regulatory Framework for Toxic and Hazardous Substances (3)
  or ERM 527 Environmental/Resources Regulations Concepts (3)
- ERM 503 Principles of Toxicology (3)

Required Concentration Courses (9 credit hours)**
- ERM 523 Soils and Groundwater Contamination (3)
- ERM 533 Water and Wastewater Treatment Technologies (3)
- ERM 535 Water Law and Policy (3)

Elective Courses (9-15 credit hours, depending on the culminating experience option)
Any ERM 500 level course or a combination of ERM and CEE coursework. Students should speak with the ERM faculty to determine if CEE coursework would be recommended based on academic background. A maximum of 6 credit hours from other areas, such as SOS, ABS, GIS, may be approved on a plan of study to apply towards the 30 credit requirement. Examples of other electives include: ABS 430 Watershed Management (3), CEE 545 Hydrology (3), SOS 533 Sustainable Water (3)

Culminating Experience (0 - 6 credits)
Select one (1) culminating experience:
- Portfolio (0 credits)
- Written Comprehensive Exam (0 credits)
- ERM 593 Applied Project (3 credits)
- ERM 599 Thesis (6 credits)

<table>
<thead>
<tr>
<th>Culminating Experience</th>
<th>Required Credits</th>
<th>Concentration Credits</th>
<th>Elective Credits</th>
<th>Culminating Experience Credits</th>
<th>Total Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Exam</td>
<td>6</td>
<td>9</td>
<td>15</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>Portfolio</td>
<td>6</td>
<td>9</td>
<td>15</td>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>Applied Project</td>
<td>6</td>
<td>9</td>
<td>12</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td>Thesis</td>
<td>6</td>
<td>9</td>
<td>9</td>
<td>6</td>
<td>30</td>
</tr>
</tbody>
</table>