M.S. in Environmental Science

Degree Requirements

A minimum of 30 degree credits is required. Candidates must consult with the graduate advisor (not thesis advisor) in designing appropriate programs of study.

Students must attain a minimum GPA of 3.0 in the core courses listed below, and a minimum overall GPA of 3.0.

Seminar: In addition to the minimum 30 degree credits required, all students who receive departmental or research-based awards must enroll each semester in EVSC 600 Environmental Science Seminar.

M.S. in Environmental Science (courses only)

Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM 631</td>
<td>Legal Aspects in Environmental Engineering</td>
<td>3</td>
</tr>
<tr>
<td>EVSC 610</td>
<td>Environmental Chemical Science</td>
<td>3</td>
</tr>
<tr>
<td>EVSC 612</td>
<td>Environmental Analysis</td>
<td>3</td>
</tr>
<tr>
<td>EVSC 616</td>
<td>Toxicology for Engineers and Scientists</td>
<td>3</td>
</tr>
<tr>
<td>EVSC 627</td>
<td>Environmental Microbiology</td>
<td>3</td>
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</table>

Elective ¹

Select five of the following: 15

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EVSC 602</td>
<td>Special Topics in Environmental Science I</td>
</tr>
<tr>
<td>EVSC 611</td>
<td>Hazardous Waste Management</td>
</tr>
<tr>
<td>EVSC 613</td>
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</tr>
<tr>
<td>EVSC 614</td>
<td>Quantitative Environmental Risk Assessment</td>
</tr>
<tr>
<td>EVSC 615</td>
<td>Global Environmental Problems</td>
</tr>
<tr>
<td>EVSC 700</td>
<td>Masters Project</td>
</tr>
<tr>
<td>EVSC 702</td>
<td>Special Topics in Environmental Science II</td>
</tr>
<tr>
<td>EVSC 711</td>
<td>Advanced Environmental Analysis</td>
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<td>EVSC 725</td>
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<td>Sustainability and Life Cycle Analysis</td>
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<tr>
<td>ENE 660</td>
<td>Introduction to Solid and Hazardous Waste Problems</td>
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<tr>
<td>ENE 662</td>
<td>Site Remediation</td>
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<tr>
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<tr>
<td>CHEM 664</td>
<td>Biology Of Pollution</td>
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<tr>
<td>R120 551</td>
<td>Resource Sustainability</td>
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<tr>
<td>R120 522</td>
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<td>R120 534</td>
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<td>Physical Geography</td>
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Total Credits 30

¹ Courses are offered at NJIT and Rutgers-Newark and selected with the graduate advisors (not thesis advisors) approval.

M.S. in Environmental Science (Master's thesis)

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<td>Environmental Microbiology</td>
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