NORTHWESTERN - MASTERS OF SCIENCE: PROGRAM IN ENVIRONMENTAL ENGINEERING & SCIENCE

2014-2015

The MS in EES requires 12 course units in addition to the Environmental Seminar Series – CIV ENV 516. For the BS/MS option, students use 3 of their undergraduate courses, denoted by *, that count towards the MS and need to follow an additional 9 courses.

<table>
<thead>
<tr>
<th>Tracks &amp; Tech Electives</th>
<th>1st Quarter/Fall</th>
<th>2nd Quarter/Winter</th>
<th>3rd Quarter/Spring</th>
<th>Optional 4th Quarter/Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Courses/Quarter and the EES seminar series</td>
<td>Environmental Microbiology (361-1)*</td>
<td>Environmental Laboratory (365)*</td>
<td>Bio-Chemical-Physical Processes (488)</td>
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<td></td>
<td>Aquatic Chemistry (367)*</td>
<td>Physical-Chemical Process in Water Treatment (444)</td>
<td>Environmental Biotechnology (442)</td>
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<tr>
<td></td>
<td>Environmental Transport Processes (440)</td>
<td>1st Technical Elective$</td>
<td>2nd Technical Elective$</td>
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<tr>
<td></td>
<td>4th Course from Tracks below or as unrestricted elective</td>
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<tr>
<td>Environmental Engineering Science Seminar Series (516) – no tuition zero credit seminar</td>
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</tbody>
</table>

Tracks & Electives within CEE

Environmental Chemistry

Environmental Microbiology

Global Ecological Health Engineering

Sustainability (368)

Global and Ecological Health Challenges (GBL HLTH BME 395)

Environmental Law (303)

Community Based Design (398-1)

Community Based Design (398-2)

Community Based Design (398-1)

Community Based Design (398-2)

Additional Options

MS Thesis

Research Project (499)

Research Project (590)

Research Project (590)

Design

Note: required core courses are in bold face

* numbers in parentheses are CIV ENV course numbers unless otherwise stated

* For the BS/MS option, students use 3 of their undergraduate courses, denoted by *, that count towards the MS and need to follow an additional 9 courses.

$ Technical electives must be CIV ENV courses within the EES program