Appendix A: Curriculum

Environmental Science and Engineering Doctoral Program

Appendix-A: Curriculum

<table>
<thead>
<tr>
<th>Core Course</th>
<th>18</th>
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<tbody>
<tr>
<td>Environment Projects</td>
<td>6</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>6-12</td>
</tr>
<tr>
<td>Research</td>
<td>18-24</td>
</tr>
<tr>
<td>Dissertation</td>
<td>6</td>
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<td><strong>Total</strong></td>
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</tr>
</tbody>
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**Core Courses**

- ESE 6301 Environmental Law and Policy
- ESE 6303 Transport, Fate & Treatment of Contaminants in the Environment
- ESE 6402 Environmental Chemistry
- ESE 6404 Environmental Biology
- ESE 6405 Environmental Geosciences

**Environment Projects**

- ESE 6306 Principles of Experimental & Engineering Design
- ESE 6307 Interdisciplinary Environmental Problem-solving

**Graduate Seminar**

- ESE 6107 Graduate Seminar

*Enrollment in ESE 6107 (Graduate Seminar) is required during each semester of a student’s residence in the program, up to a maximum of six semesters.*

**Elective Courses**

Select **Two-Four** elective courses with approval of the graduate coordinator

*Note: All students will take elective classes to fulfill the 60 semester hour requirement for this doctoral degree program. Only elective classes approved by the student’s dissertation supervisor qualify for this requirement. The list below is only a sample of course offerings*

**Research and Dissertation**

- ESE 6396 Doctoral Research
- ESE 6398 Dissertation
- ESE 6399 Dissertation