This program is designed to provide the technical skills which will enable you to competently gather, record, and analyze critical environmental data and perform simple health risk assessment evaluations.

### GENERAL EDUCATION (29 hrs)

<table>
<thead>
<tr>
<th>Communications (9 hrs)</th>
<th>COMPLETED</th>
<th>Planned Timeline (By Semester)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111 English Composition I (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 116 Technical Writing (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-requisite: ENG 111</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPCH 130 Public Speaking (3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Humanities (3 hrs)**

- PHIL 220 Ethics (3)  
  Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation

### Mathematics/Lab Sciences (14 hrs)

- BIO 203/L Ecology and Evolution (4)  
  Pre-requisite: BIOL 202 and MATH 130; co-requisite: BIOL 203L
- ES 112/L Environmental Science (4)  
  Co-requisite: ES 121L
- MATH 145 Introduction to Probability and Statistics (3)  
  Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation
- MATH 150 College Algebra (3)  
  Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation

### Social/Behavioral Sciences (3 hrs)

- SOC 211 Small Group Communications Studies (3)  
  Pre-requisite: ENG 109

### HEALTH, PHYSICAL EDUCATION & RECREATION (1 HR)

- Elective (1)

### PROGRAM REQUIREMENTS (49 hrs)

- BIO 210/L Microbiology (4)  
  Pre-requisite: CHEM 110/L, Co-requisite: BIOL 210L
- CHEM 121/L General Chemistry I (4)  
  Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation  
  Co-requisite CHEM 121L
- CHEM 210/L Integrated Organic & Biochemistry with Lab (4)
- ES 121 Environmental Air Monitoring (3)
- ES 125 Principles of Physical Hydrology (3)
- ES 203 Introduction to GIS/GPS (3)
- ES 236 Environmental Sampling and Instrumentation (3)
- ES 238 Environmental Law and Regulations (3)
- ES 240 Introduction to Treatment, Storage, and Disposal of Hazardous Mat.(3)
- ES 280 Introduction to Toxicology/ Risk Assessment (3)
- RAD 234/L Introduction to Radiation Science and Technology (4)
- RAD 238/L Introduction to Radiation Science Protection (4)
- CHEM 122/L General Chemistry II (4)  
  Pre-requisite CHEM 121/L, Co-requisite: CHEM 122L
- ES 201/L Environmental Physical & Chemical Processes (4)  
  Pre-requisites: BIOL 201/L and CHEM 121/L, co-requisite: ES 210L

**TOTAL CREDIT HOURS 79**
# Educational Planning Form (Semester)

Name __________________________ Name __________________________ 

Date ____________________

Major ___________________________ Student ID ________________

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall Semester</strong></td>
<td><strong>Spring Semester</strong></td>
<td><strong>Summer</strong></td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td><strong>Total Units</strong></td>
<td><strong>Total Units</strong></td>
</tr>
<tr>
<td><strong>Fall Semester</strong></td>
<td><strong>Spring Semester</strong></td>
<td><strong>Summer</strong></td>
</tr>
<tr>
<td><strong>Total Units</strong></td>
<td><strong>Total Units</strong></td>
<td><strong>Total Units</strong></td>
</tr>
</tbody>
</table>

Advisor’s Signature ____________________________________________

Student Signature ____________________________________________