B.S. in Biological Engineering Declaration of Intent to Pursue the Environmental Concentration

Environmental Concentration Requirements (2020-2021)

<table>
<thead>
<tr>
<th>Required Courses: 6 Credits</th>
<th>Elective Courses: 6 Credits *</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVEG 3243 Environmental Engineering (Fa)</td>
<td>Biological Elective: __________________________</td>
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<tr>
<td>CVEG 4243 Environmental Engineering Design (Fa Sp)</td>
<td>Technical Elective: __________________________</td>
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</tbody>
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*from the lists below

**Biological Elective**
3 hours from The list of allowable courses for the Biological elective

- BIOL 3863 & 3861L General Ecology & Lab
- CSES 2203 Soil Science
- ENSC 4023 Water Quality (fall only)

**Technical Elective**
3 hour technical elective in the BS-BENG curriculum. The reduced list of allowable courses for the Environmental Concentration includes:

- BIOL 3863 Ecology (if not chosen for the biological elective)
- BENG 4963 Modeling Environmental Biophysics
- BENG 4973 Practice in Water Quality Monitoring and Analysis
- CSES 2203 Soil Science (if not chosen for the biological elective)
- CHEM 3613 Organic Chemistry II
- CVEG 4203 Environmental Permits and Regulations
- CVEG 4223 Groundwater Hydrology
- CVEG 4263 Air Pollution Control
- CVEG 4273 Open Channel Flow
- ENSC 4023 Water Quality (fall only) (if not chosen for the biological elective)
- ENSC 4034 Analysis of Environmental Contaminants
- GEOL 1113 General Geology
- INEG 2313 Engineering Statistics
- INEG 2413 Engineering Economics

**Declaration of Environmental Concentration**

Student Name_________________________ ID:_________________________

Signatures:

Student_________________________ Date_________________________
Major Advisor____________________ Date_________________________
Department Head__________________ Date_________________________

Return form to: Linda Pate, BAEG Department, John White Engineering Hall room 203, lpate@uark.edu

This is not a degree-check, but establishes the student’s intent to pursue the Environmental Concentration within the BS in Biological Engineering.