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

Environmental Concentration Requirements (2021-2022)

<table>
<thead>
<tr>
<th>Required Courses: 6 Credits</th>
<th>Elective Courses: 6 Credits *</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVEG 3243 Environmental Engineering (Sp)</td>
<td>Biological Elective: __________________________</td>
</tr>
<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
- GEOS 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.