

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

## Environmental Concentration Requirements (2021-2022)

<b>Required Courses: 6 Credits</b>	<b>Elective Courses: 6 Credits *</b>
___ CVEG 3243 Environmental Engineering (Sp)	___ Biological Elective: _____
___ CVEG 4243 Environmental Engineering Design (Fa, Sp)	___ Technical Elective: _____
*from the lists below	

<b>Biological Elective</b>
<b>3 hours from the list of allowable courses for the Biological elective</b>
BIOL 3863 & 3861L General Ecology & Lab
CSES 2203 Soil Science
ENSC 4023 Water Quality (fall only)

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

<b>Declaration of Environmental Concentration</b>	
<b>Student Name</b> _____	<b>ID:</b> _____
<b>Signatures:</b>	
Student _____	Date _____
Major Advisor _____	Date _____
Department Head _____	Date _____

Return form to: Linda Pate, BAEG Department, John White Engineering Hall room 203, lpate@uark.edu
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**This is not a degree-check but establishes the student's intent to pursue the Environmental Concentration within the BS in Biological Engineering.**