Environmental Concentration Requirements (2019-2020)

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| **Required Courses: 6 Credits Elective Courses: 6 Credits \*** CVEG 3243 Environmental Engineering (Fa Sp) Biological Elective:  CVEG 4243 Environmental Engineering Design (Fa Sp) Technical Elective: \*from the lists below |

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| **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 |  |

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| **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 (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 |

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| **Declaration of Environmental Concentration****Student Name ID:** **Signatures:**Student Date Major Advisor Date Department Head Date  |

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| 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.**