

## **Biological Engineering Biological Electives**

The required engineering courses for the environmental concentration are:

[CVEG 3243 Environmental Engineering](#)

[CVEG 4243 Environmental Engineering Design](#)

3 hours from a biological electives list maintained by the department, in order to fulfill the 3 hour biological elective on the BSBE. The list of allowable courses for the Environmental Concentration is:

BIOL 3863 Ecology

CSES 2203 Soil Science

ENSC 4023 Water Quality

3 hour technical elective in the BSBE 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