

Engineering Technical Selectives

The Environmental and Natural Resources Engineering curriculum contains 6 credits of courses labeled *Engineering Technical Selectives*. Below is a list of recommended and reviewed engineering courses which can be used to satisfy this requirement. Other engineering courses can be selected but should be reviewed with your academic advisor to ensure relevance to your degree program and career objectives.

[ABE 43500 Hydraulic Control Systems for Mobile Equipment](#)

[ABE 46000 Sensors and Process Control](#)

[ABE 49500 Select Topics in Agricultural and Biological Engineering](#)

[ABE 49800 Undergraduate Research in Agricultural and Biological Engineering](#)

[ABE 49900 Honors Thesis Research](#)

[ABE 52200 Ecohydrology](#)

[ABE 52500 Irrigation Management and Design](#)

[ABE 52700 Computer models in Environmental and Natural Resources](#)

[Engineering](#)

[ABE 52900 Nonpoint Source Pollution Engineering](#)

[ABE 53100 Instrumentation and Data Acquisition](#)

[ABE 54500 Design of Off-Highway Vehicles](#)

[ABE 58000 Process Engineering of Renewable Resources](#)

[CE 35200 Biological Princ. Of Environmental Engineering](#)

[CE 35300 Physico—Chemical Princ. Of Environ. Engr.](#)

[CE/EEE 35000 Introduction to Environmental and Ecological Engineering](#)

[CE 35500 Engineering Environmental Sustainability](#)

[CE 40800 Geographic Information Systems in Engineering](#)

[CE 44000 Urban Hydraulics](#)

[CE 44300 Introductory Environmental Fluid Mechanics](#)

[CE 45600 Water and Wastewater Treatment](#)

[CE 45700 Air Pollution Control And Design](#)

[CE 49700 Introduction to Architectural Engineering](#)

[CE 54000 Open Channel Hydraulics](#)

[CE 54200 Hydrology](#)

[CE 54300 Coastal Engineering](#)

[CE 54400 Subsurface Hydrology](#)

[CE 54500 Sediment Transport Engineering](#)

[CE 54900 Computational Watershed Hydrology](#)

[CE 55000 Physico---Chemical Processes In Environ. Engr.](#)[CE 55700 Air Quality](#)

[Management](#)

[CE 55900 Water Quality Modeling](#)

[CE 59300 Environmental Geotechnology](#)

[EEE 43000 Industrial Ecology and LCA](#)

EPCS 30100, 30200 Junior Participation in EPICS - Three credits of EPICS (typically taken over two semesters) on an environmental engineering related project team

EPCS 41100, 41200 Senior Design Participation in EPICS - Three credits of EPICS (typically taken over two semesters) on an environmental engineering related project team

[GEP Global Engineering Projects](#)