INTRODUCING A NEW MINOR IN
ENVIRONMENTAL ENGINEERING FOR STEM UNDERGRADS

Environmental Engineering is a rapidly growing field utilizing diverse areas of engineering, technology, math and science. This minor contains both science and engineering coursework at the undergraduate level that will prepare students to work in environmental engineering and related fields. Additionally, the minor prepares these students with the undergraduate courses needed to enter post-graduate degrees in environmental engineering.

Admission Requirements

Student majoring in an engineering, technology, science, or math discipline.

Minor Requirements: 18 credit hours (not including pre-requisites), minimum of 2.5 GPA with a grade of C or better in each minor course.

The initial administrator will be Mark Krzmarzick, Associate Professor in the School of Civil and Environmental Engineering
mark.krzmarzick@okstate.edu
405-744-9308

This minor will consist of:

Four CORE COURSES
- CHEM 3053: Organic Chemistry I
- CIVE 3813: Environmental Engineering Science
- CIVE 3853: Environmental Engineering Laboratory
- CIVE 4833: Unit Operations

PLUS One of the following (Environmental Science Courses):
- BAE 4324: Water Quality Engineering
- CHEM 3153: Organic Chem II
- CHEM 3433: Physical Chemistry I
- CIVE 4013: Aquatic Chemistry
- CIVE 4903: Microbiology for Engineers
- MICR 2123: Introduction to Microbiology

PLUS One of the following (Environmental Design Courses):
- BAE 5343: Environmental Contaminant Transport
- CIVE 4853: Bioremediation
- CIVE 4873: Air Pollution
- CIVE 4883: Introduction to Environmental Modeling
- CIVE 4953: Biological Waste Treatment
- CIVE 4933: Water Treatment
- CIVE 4050 and BAE 4400 courses in environmental engineering topics (requires approval of the minor administrator)