

## Minor in Environmental Engineering

### Minimum Program Requirements

A minimum of 16 credits must be completed with a grade of C or better in all required core and elective courses. Course prerequisites are listed in Tables 1 and 2.

- **Required core courses (10-11 cr):**  
 CEE 265: Sustainable Engineering Principles (3 cr) or ME 499: Sustainable Engineering and Design (3 cr)  
 CEE 325: Fluid Mechanics, 4 cr (or equivalent from: MECHENG 320 (3 cr), CHE 341 (4 cr), NERS 344 (3 cr), NAVARCH 320 (4 cr), BIOMEDE 331 (4 cr), MATSCIE 335 (4 cr))  
 CEE 365: Environmental Engineering Principles, 4 cr
- **Choose at least two electives: (at least 6 cr)**  
 CEE 428: Groundwater Hydrology, 3 cr  
 CEE 480: Design of Environmental Engineering Systems, 3 cr  
 CEE 465: Environmental Process Engineering, 3 cr  
 CEE 481: Aquatic Chemistry, 3 cr  
 CEE 482: Environmental Microbiology, 3 cr  
 CEE 563: Air Quality Engineering Fundamentals, 3 cr

**Table 1. Core Course Prerequisites**

Core Course	Prerequisites	Semester Offered
CEE 265 Sustainable Engineering Principles	Chem 130, Math 116	F,W
CEE 325 Fluid Mechanics	CEE 211 (or equiv. Statics)	F,W
CEE 365 Environmental Engineering Principles	Chem 130, Math 116	F

**Table 2. Elective Course Prerequisites**

Elective	Prerequisites	Semester Offered
CEE 428 Groundwater Hydrology	CEE 265, CEE 325 (or equiv.)	F
CEE 480 Design of Environmental Engineering Systems	CEE 465	F
CEE 465 Environmental Process Engineering	CEE 325, CEE 365	W
CEE 481 Aquatic Chemistry	Chem 130	W
CEE 482 Environmental Microbiology	Chem 130	F
CEE 563 Air Quality Engineering Fundamentals	CEE 230 (or equiv. Thermodyn.), CEE 325 (or equiv.)	W