

Minor in Environmental Engineering

Minimum Program Requirements

A minimum of 16 credits must be completed with a grade of C- or better for CEE courses and C for non-CEE prerequisite courses. Course prerequisites are listed in Tables 1 and 2.

- **Required core courses (10-11 cr):**
 - CEE 265: Sustainable Engineering Principles (3 cr) or MECHENG 489: 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
 - CEE 564: Greenhouse Gas Control, 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, CEE 265	F

Table 2. Elective Course Prerequisites

Elective	Prerequisites	Semester Offered
CEE 428: Groundwater Hydrology	CEE 265, CEE 325 (or equiv.)	F
CEE 465: Environmental Process Engineering	CEE 325, CEE 365	F
CEE 480: Design of Environmental Engineering Systems	CEE 465	F
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
CEE 564: Greenhouse Gas Control	CEE 230 (or equiv.)	F