Environmental Engineering BEnE Four-Year Plan

FALL	SPRING
First Year	
EGGG 101 - Introduction to Engineering (FYS)	CHEM 104 - General Chemistry** and CHEM 134 - General Chemistry Laboratory**
CHEM 103 - General Chemistry** and CHEM 133 - General Chemistry Laboratory**	CIEG 133 - Introduction to Environmental Engineering**
MATH 241 - Analytic Geometry and Calculus A**	MATH 242 - Analytic Geometry and Calculus B**
CISC 106 - General Computer Science for Engineers	Permalink
Breadth Requirement (1/5)	Breadth Requirement (2/5)
Credits: 16	Credits: 17
Second Year	
CIEG 211 - Statics	BISC 207 - Introductory Biology I
CIEG 233 - Environmental Engineering Processes I**	CIEG 315 - Probability and Statistics for Engineers
MATH 243 - Analytic Geometry and Calculus C**	CIEG 333 - Environmental Engineering Processes II
PHYS 207 - Fundamentals of Physics I and PHYS 227 - Fundamentals of Physics Laboratory I**	MATH 351 - Engineering Mathematics I
Breadth Requirement (should satisfy Multicultural Requirement) (3/5)	APEC 480 - Geographic Information Systems in Natural Resource Management or CIEG 322 - CAD Applications in Civil & Environmental Engineering or GEOG 372 - Introduction to GIS or LARC 150 - Representation II: Digital Design Communication

FALL	**SPRING**
Credits: 17	Credits: 16
Third Year	
CIEG 305 - Fluid Mechanics	CIEG 437 - Water and Wastewater Quality
CIEG 306 - Fluid Mechanics Laboratory	CIEG 438 - Water and Wastewater Engineering
CIEG 440 - Water Resources Engineering	ENGL 410 - Technical Writing
BISC 300 – Introduction to Microbiology and BISC 310 – Introduction to Microbiology Lab	CIEG 436 - Processing, Recycling, Management of Solid Wastes
CHEM 321 - Organic Chemistry I	Groudwater Course
Breadth Requirement (4/5)	
Credits: 17	Credits: 15
Fourth Year	
CIEG 337 - Designing an Environmental Treatment System for Surface Water Pollution	CIEG 461 - Senior Design Project
CIEG 461 - Senior Design Project (DLE and Capstone)	Technical Elective 2 or Air Pollution Course
Technical Elective 1	CIEG 448 - Ecohydrology
Technical Elective 2 or Air Pollution Course	Technical Elective (3/4)*
Breadth Requirement Elective (5/5) (Professional Elective)	Technical Elective (4/4)*
Credits: 14	Credits: 14
Total Credits: 126	

*See program page for approved courses.

**Minimum grade of C- in these courses.

Minimum grade of C- is required in ENGL 110 and all Breadth Requirement courses. MATH 232 will require a C- or better.

Disclaimer: Four-Year Plans are a Departmental suggestion of how a student could complete this degree in four years (eight semesters). Students may opt to take courses in the summer or winter sessions. These plans do not take into account additional requirements brought on by minors or other majors. A Four-Year Plan is subject to change from year-to-year given the resources and focuses of the Department. It is the student's responsibility to meet with his or her assigned advisor at least once a semester to monitor progress and ensure that he or she is on track to graduate on time. This document is intended as a supplemental advisement tool to be used in conjunction with in-person advisement and the Degree Audit. Students should direct any questions or concerns regarding degree progress to their advisor or Academic Assistant Dean.