Environmental Engineering-Biological and Chemical Processes Curricular Flowchart

Fall 1
- MATH 241 Calc A
- EGGG 101 Intro to Engineering
- CHEM 103 General Chemistry
- CISC 106 Computer Science
- Breadth

Spring 1
- MATH 242 Calc B
- CIEG 233 Environmental Engineering Processes
- CHEM 104 General Chemistry
- ENGL 110 Seminar in Composition
- Breadth

Fall 2
- MATH 243 Calc C
- CIEG 211 Statics
- CHEM 220 Quantitative Chemistry
- PHYS 207 General Physics I
- Breadth

Spring 2
- MATH 351 Engineering Math I
- CIEG 315 Probability and Stats
- CHEM 221 Quantitative Chemistry Lab
- BISC 207 Introductory Biology I
- Breadth

Fall 3
- CIEG 305 Fluid Mechanics
- CIEG 306 Fluid Mechanics Lab
- CHEG 231 Thermodynamics
- CIEG 440 Water Resources Engineering
- ENGL 410 Technical Writing

Spring 3
- CIEG 437 Water and Wastewater Quality
- CIEG 438 Water and Wastewater Engineering
- BISC 300 Microbiology
- CHEG 325 Organic Chemistry I Lab
- Breadth

Fall 4
- CIEG 337 Environmental Engineering Lab
- CIEG 461 Senior Design
- CHEG 332 Kinetics
- CHEG 325 Organic Chemistry I
- General Elective

Spring 4
- Air Pollution Course or Technical Elective
- CIEG 461 Senior Design
- Technical Elective
- Breadth

Credits:
- Fall 1: 16 credits
- Spring 1: 17 credits
- Fall 2: 15 credits
- Spring 2: 16 credits
- Fall 3: 16 credits
- Spring 3: 16 credits
- Fall 4: 16 credits
- Spring 4: 14 credits

Pre-requisite
Co-requisite