

Environmental Engineering

2023-2024 Catalog
131 Total Credits

First Year

Semester 1	Semester 2
3 CE 160 (Engr Problem Solving)	3 CHEM 178 (General Chemistry II)
4 Chem 177 (General Chemistry I)	1 CHEM 178L (General Chemistry II Lab)
1 Chem 177L (Gen Chemistry Lab)	2 ENV E 190 (Intro Undergrad Research)
3 Engl 150 (Critical Think Comm)	4 Math 166 (Calculus II)
4 Math 165 (Calculus I)	5 Phys 231 & 231L (Classical Physics I)
1 Lib 160 (Library)	3 SSH Elective
R Engr 101 (Engr Orientation)	
1 ENV E 120 (Learning Community)	

17 Total Credits

18 Total Credits

Sophomore Year

Semester 3	Semester 4
3 Engl 250 (WOVE Comp)	3 SSH Elective
3 CE 274 (Engineering Statics)	3 CE 306 (Project Management)
3 Chem 231 (Organic Chemistry)	4 ABE 378/L (Mechanics of Fluids & Lab)
1 Chem 231L (Organic Chemistry Lab)	3 Biol 251 (Biology) (Offered Spring Only)
4 Math 265 (Calculus III)	3 Math 266 (Differential Equations)
3 ENV E 201 (Measure & Analysis)	

17 Total Credits

16 Total Credits

Junior Year

Semester 5	Semester 6
3 CE 206 (Economic Analy. & Prof)	3 CE 372 (Engr Hydrol. & Hydraulics)
3 Sustainability Elective	4 CE 360 (Geotechnical Engr)
3 Statistics Elective	3 Technical Communication Elective
3 EM 324 (Mechanics of Materials)	2 MICRO 201 (Intro to Microbiology)
3 GEOL 201 (Geology for Engineers)	3 ME 231 (Eng Thermodynamics I)
3 CE 326 (Principles of ENV E)	

18 Total Credits

15 Total Credits

Senior Year

Semester 7	Semester 8
3 ENV E 426 (Phys & Chem Process.)	3 CE 428 (Water/Treatment Plant Design)
3 Engineering Topics Elective	3 ENV E 427 (Environ. Systems)
3 ENV E 430 (Solid & Hazard. Waste)	3 ENV E 429 (Air Quality)
3 SSH Elective (Intl. Perspective)	3 Engineering Topics Elective
3 SP CM 212 (Speech Comm)	3 SSH Elective (U.S. Diversity)

15 Total Credits

15 Total Credits

Shading indicates Basic Program courses