Minor in Environmental Engineering

For the minor, 18–20 semester hours are required, excluding prerequisite courses. Students who wish to minor in Environmental Engineering must complete the following courses:

Code	Title	Hours
Prerequisite Courses		
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics)	4
CHEM 122 & CHEM 123	General Chemistry I Lecture and General Chemistry Laboratory I	5
or CHEM 116	Honors and Majors General and Analytical Chemistry I	
Select at least two of the following:		6-7
CME 201	Statics	
CME 211	Fluid Mechanics and Hydraulics	
or ME 211	Fluid Mechanics I	
CHE 201	Introduction To Thermodynamics	
or ME 205	Introduction to Thermodynamics	
Total Hours		29-30

At least two courses must be outside the student's department.

Code	Title	Hours
Required Courses		
Select two of the following:		6-7
CME 311	Water Resources Engineering	
CME 322	Environmental Engineering	
CHE 321	Chemical Reaction Engineering	
CHE 311	Transport Phenomena I	
ME 321	Heat Transfer	
Select two of the following:		6-7
CHE 421	Combustion Engineering	
CME 425	Environmental Remediation Engineering	
ME/CHE 450	Air Pollution Engineering	
Select two of the following:		6
CHE 413	Introduction to Flow in Porous Media	
CME 421	Water Treatment Design	
CME 422	Wastewater Treatment Design	
Total Hours		18-20