

Environmental Engineering Major

Degree Audit

2021-2022

Requirement	Hours	Hours Completed and Grade	Hours in Progress	Hours Needed
CHEM 131: General Chemistry I	3			
CHEM 133: General Chemistry I Laboratory	1			
CHEM 132: General Chemistry II	3			
CHEM 134: General Chemistry II Laboratory	1			
EGRG 311: Engineering Statics	3			
EGRG 312: Strength of Materials	3			
EGRG 321: Fluid Mechanics	3			
EGRG 325: Engineering Economics	3			
EGRG 351: Thermodynamics	3			
ENGY 103: Energy Resources & Utilization II	3			
ENGY 104: Energy Resources & Utilization II Laboratory	1			
ENGY 331: Electrical Engineering	4			
ENVE 302: Water and Wastewater Quality	3			
ENVE 306: Water & Wastewater Quality Laboratory	1			
ENVE 303: Material and Energy Balance	3			
ENVE 307: Occupational/Industrial Hygiene w/ Lab	4			
ENVE 308: Solid Waste Management	3			
ENVE 309: Hazardous Materials/Waste Management	3			
ENVR 330: Environmental Sustainability	3			
ENVS 310: Environmental Policy & Law	3			
ENVS 315: Environ. Impact and Resource Assessment	3			
GEOL 111: Physical Geology	4			
GEOL 335: Environmental Hydrogeology	3			
MATH 125: Calculus I	4			
MATH 224: Calculus II	4			
MATH 235: Advanced Engineering Mathematics	3			
MATH 257: Engineering & Mathematical Statistics I	3			
MATH 302: Differential Equations	3			
PHYS 221: General Physics I	4			
PHYS 222: General Physics II	4			
WRIT 307: Technical Writing	3			

Electives: Choose **THREE** from: BIOL 245, 318; ENGY 301, 401; ENVE 305; GEOL 304, 336

	3			
	3			
	3			

Junior Core

ENVE 301: Air Quality	3			
ENVE 304: Air Quality Laboratory	1			
PHIL 321: Environmental Ethics	OR			
LEAD 301: Ethical Leadership	OR			
LEAD 305: Business Ethics	OR	3		
MNGT 320: Negotiation & Ethics				

Capstone

ENVE 401: Green Engineering & Sustainable Design	3			
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Each major must include at least 18 hours of 300-400 level credit that are not applied toward any additional majors.

Last Updated: 07/26/2021