## **Environmental Engineering**

Curriculum Guide Fall 2023

STUDENT	NAID #	ADVISOR	

	Fall				Spring					General Education (Gen Ed) Electives						
	Course			Crs	Grade	Gen Ed	Course			Crs	Grade	Gen Ed	Ed			
	ENVE	111	Intro. Env. Eng.	1			ENVE	112	Anal. and Design for Env. Engr.	1			University general education categories, credit requirements, and approved course offerings are printed as a centerfold in the			
	CHEM	121	General Chem I	3		S	CHEM	122	General Chem II	3		S	registration schedule for each term. Many categories have been			
crs)	CHEM	121L	General Chem I Lab	1		S	CHEM	122L	General Chem II Lab	1				integrated into the Environmental Engineering program with specific course requirements (left). For the remaining categories (below), students select approved courses of their choice (unless otherwise		
<27	~ENGL	110	College Comp I	3		С	COMM	110	Fund Public Speaking	3		С	•			
a a	ENGL	120	College Comp II	3		С	MATH	166	Calculus II	4			students select app noted).	proved courses of their choice (t	inless of	therwise
Freshm	MATH	165	Calculus I	4		R	ME	221	Engr Mechanics I	3			nocca).			
							Gen Ed Elective	е	See side bar	3		Α				Grade
				15						18			Α	ENGR 327 required	3	
	ENVE	250	Fund. Of Env. Engr.	3			ENVE	240	Micro. Prin. For Env. Eng.	3			Α		3	
crs)	CE	212	CE Graphic Comm	3			CE	309	Fluid Mechanics	3			В		3	
-59	CHEM	240	Survey of Organic Chem.	3			IME	460	Envl. Engr. Data	3			В		3	
e (27	GEOL	105	Physical Geology	3		S	MATH	128	Intro. Linear Algebra	1			<b>D</b> ■	(double-count with A or B above)	3	
l o	MATH	259	Multivariate Calc	3			MATH	266	Differential Eqs.	3			G●	(double-count with A or B above)	3	
Sophor	ME	222	Engr Mechanics II	3			ME	223	Mech of Materials	3			W		2	
တိ							Gen Ed Elective	е	See side bar	2		W	NOTE:			
				18						18			One of Gen Ed's A or B (above) should be cultural diversity		•	
		360	Chemistry for Env. Eng.	3			ENVE	412	Unit Ops. & Processes	2			A or B		3	
crs)	ENVE	370	Sustainability Engr.	3			ENVE	450	Env. Chemistry Lab.	1				Technical Electives		
89 cr	CE	310	Fluid Mechanics Lab	1			ENVE	460	Env. Fate and Trans.	3			A list of approved courses is provided by the department.			_
8 - 09)	CE	316	Soil Mechanics	3			CE	408	Water Resource & Supply	3			Category	Course	Crs	Grade
9	ENGL	321	Writing in the Tech. Prof.	3		С	PHYS	252	University Physics II	4						
Jun	ENGR	327	Eng., Ethics, and Tech.	3		Α	Gen Ed Elective	e	See side bar	3		В				
1																
		_		16						16						
		488	Senior Design I	2			ENVE	489	Senior Design II	2						
crs)		410	Water & Wastew. Treat.	3			ENVE	473	Air Pollution	3						
Senior (90 + c	CE	472	Solid/Hazardous Waste	3			Technical Elect		See side bar	3						
	CE	477	Applied Hydrology	3			Technical Elect		See side bar	3			Min. of 2 in Cat. 1		9	
		440	Engr. Economy	2			Gen Ed Elective	e	See side bar	3		В				
	Technica	al Elective	See side bar	3									Gen Ed Categor			
				16						14			A - Humanities/Fi	ne Arts G - Global Perspec		

approved course registration sche integrated into th course requireme	at education categories, creative e offerings are printed as a co dule for each term. Many categ e Environmental Engineering progi ents (left). For the remaining cat pproved courses of their choice (	enterfold ories ha ram with egories	in the ve been specific (below),
Gen Ed	Course	Crs	Grade
Α	ENGR 327 required	3	
Α		3	
В		3	
В		3	
D■	(double-count with A or B above)	3	
G●	(double-count with A or B above)	3	
W		2	
One of Gen	NOTE: Ed's A or B (above) should be cultura.	l diversity	
A or B		3	
A list of ap	Technical Electives proved courses is provided by the d	epartmer	ıt.
Category	Course	Crs	Grade
			•

All ENVE students are required to have a "C" or above in MATH 165, 166, 259, 266, 128 before enrolling in an CE/ENVE course that utilizes these courses as

Notes: No grades less than "C" accepted in MATH courses.

Transfer students are required to take ENGR 327 regardless of general education completion.

Key: "T" indicated requirement satisfied with transfer credits. "IP" indicates a course currently in progress () indicates old course numbers.

"NR" indicates that it is not required

A - Humanities/Fine Arts G - Global Perspectives • B - Social/Behavioral Sciences R - Quantitative Reasoning C - Communication S - Science & Technology W - Wellness

D - Cultural Diversity ■

**TOTAL CREDITS** 

131

Students with an ACT sub-test score of 18+ (or SAT of 430+) are advised to enroll in ENGL 120. A passing grade will be awarded for 110 by completing 120 with a "C" or better. Last Revised 06/25/23

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