



**Environmental Engineering, B.S.**

Minor (not required)

2023-2024 Catalog Year

<b>First Year</b>		<b>Credits</b>
Fall: 17 Credits	ENV 1200: Introduction to Environmental Science	3
	MTH 1410: Calculus I	4
	BIO1080: General Biology I <b>AND</b> BIO1090: General Biology I Laboratory	4
	EVE 1215: Engineering Graphics - Solid Modeling	3
	ENG 1010: Composing Arguments	3
Spring: 18 Credits	MTH 2410: Calculus II	4
	Historical (GD or ESSJ)*	3
	CHE 1800: General Chemistry I <b>AND</b> CHE 1801: General Chemistry I Laboratory	5
	ENG 1020: Research & Argument Writing	3
	Oral Communication	3
<b>Second Year</b>		<b>Credits</b>
Fall: 15 Credits	EVE 3000: Concepts in Environmental Engineering	3
	MTH 2420: Calculus III	4
	PHY 2311: General Physics I <b>AND</b> PHY 2321: General Physics I Laboratory	5
	Social and Behavioral Sciences (GD or ESSJ)*	3
Spring: 17 Credits	ENV 2100: Environmental Sampling and Analysis	3
	SSE 1040: Life Cycle & Systems Engineering	3
	Arts & Humanities (GD or MC)*	3
	EVE 2150: Mechanics of Static Systems	3
	CHE 1810 (4) General Chemistry II <b>AND</b> CHE 1811 (1) General Chemistry II Laboratory	5

<b>Third Year</b>		<b>Credits</b>
Fall: 16 Credits	EVE 3135: Strength of Materials with Laboratory	4
	MTH 3420: Differential Equations	4
	PHY 2331: General Physics II <b>AND</b> PHY 2341: General Physics II Laboratory	5
	Arts & Humanities (GD or ESSJ)*	3
Spring: 18 Credits	EVE 3160: Mechanics of Dynamic Systems	3
	EVE 3200: Environmental Sustainability Urban Design	3
	EVE 3320: Environmental Impact Statements in Engineering	3
	Social & Behavioral Sciences (GD or MC)*	3
	SSE 2100: Basic Electronic Systems	3
	Approved Elective	3
<b>Fourth Year</b>		<b>Credits</b>
Fall: 16 Credits	EVE 3185: Fundamental Fluid Mechanics w/ Lab	4
	EVE 3400: Engineered Water	3
	EVE 4200: Environmental Policy in Engineering	3
	EVE 4420: Wetland Studies	3
	SSE 2350: Engineering Programing	3
Spring: 17 Credits	EVE 4160: Geotechnical Engineering w/ Lab	4
	EVE 4610: Senior Design Project	3
	EVE 4450: Wood in Engineering	3
	MTH 3210: Probability and Statistics	4
	Approved Elective (if not met earlier)	3

\*GD = global diversity class

\*ESSJ = ethnic studies and social justice class

**Major Elective Courses:** BIO 1081/BIO 1091, ENV 3010, ENV 3100, ENV 3710, ENV 3720, ENV 3730, ENV 4400, ENV 4440, ENV 4450, ENV 4460, EVE 2250, GEL 4150, GEL 4250, SSE 2200, SSE 3175, SSE 3300, SSE 3500, SSE 4200.