



**Environmental Engineering, B.S.**

Minor (not required)

2021-2022 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
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Spring: 18 Credits	MTH 2410: Calculus II	4
	Historical (GD or MC)*	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
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<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 MC)*	3
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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 MC)*	3
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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
	Approved Elective	3
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<b>Fourth Year</b>		<b>Credits</b>
Fall: 15 Credits	EVE 3185: Fundamental Fluid Mechanics	3
	EVE 3400: Engineered Water	3
	EVE 4200: Environmental Policy in Engineering	3
	EVE 4420: Wetland Studies	3
	Approved Elective	3
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Spring: 15 Credits	EVE 4160: Geotechnical Engineering	3
	SSE 4610: Capstone - Thesis in Sustainable Development	3
	EVE 4450: Wood in Engineering	3
	Approved Elective	3
	Approved Elective (if not met earlier)	3

\*GD = global diversity class

\*MC = multicultural class