



Environmental Engineering (EVE) B.S. Minimum 129 credits

Minor (NOT required)

This is not an official list of degree requirements. Adjustments may be required due to curriculum changes. Starting Fall 2023. Recommendation only.

First Year		
Fall	ENV 1200 Introduction to Environmental Science	3
	EVE 1215 Engineering Graphics-Solid Modeling	3
	MTH 1410 Calculus I	4
	CHE 1800 General Chemistry I AND CHE 1801 Laboratory	5
	Written Communication	3
Total Credits		18
Spring	SSE 1040 Life Cycle and Systems Engineering-An Introduction	3
	ENV 2100 Environmental Sampling and Analysis	3
	PHY 2311 General Physics I AND PHY 2321 Laboratory	5
	MTH 2410 Calculus II	4
	Written Communication	3
Total Credits		18

Third Year		
Fall	EVE 3185 Fundamental Fluid Mechanics with Laboratory	4
	Social Behavioral Sciences (GD or ESSJ)*	3
	Historical (GD or ESSJ)*	3
	PHY 2331 General Physics II AND PHY 2341 Laboratory	5
Total Credits		15
Spring	EVE 3200 Environmental Sustainability in Urban Context	3
	EVE 3320 Environmental Impact Statements in Engineering	3
	BIO 1080 General Biology I AND BIO 1090 Laboratory	4
	Arts and Humanities (GD or ESSJ)*	3
	Social Behavioral Sciences (GD or ESSJ)*	3
Total Credits		16

Second Year		
Fall	CHE 1810 General Chemistry I AND CHE 1811 Laboratory	5
	MTH 2420 Calculus III	4
	EVE 2150 Mechanics of Statics Systems	3
	EVE 3000 Concepts in Environmental Engineering	3
	Arts and Humanities (GD or ESSJ)*	3
Total Credits		18
Spring	SSE 2350 Engineering Programming	3
	EVE 3135 Strength of Materials with Laboratory	4
	EVE 3160 Mechanics of Dynamics Systems	3
	MTH 3420 Differential Equations	4
	Oral Communications	3
Total Credits		17

Fourth Year		
Fall	MTH 3210 Probability and Statistics	4
	EVE 3400 Engineered Water	3
	EVE 4160 Geotechnical Engineering with Laboratory	4
	EVE 4420 Wetland Studies	3
Total Credits		14
Spring	EVE 4200 Environmental Policy in Engineering	3
	EVE 4450 Wood in Engineering	3
	EVE 4610 Capstone: Senior Design Project	3
	Approved Elective	1
	Approved Elective	3
Total Credits		13

*GD = global diversity class *ESSJ = ethnic studies and social justice class

EVE Approved Electives : 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.