COMBINED MAJOR IN ENVIRONMENTAL ENGINEERING AND LANDSCAPE ARCHITECTURE
BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING
Curriculum Outline - Class of 2025

Sample Only – Actual Curriculum Sequence May Deviate from Sample

	FALL			SPRING			SUMMER 1			SUMMER 2
Year 1	CHEM1151	General Chemistry for Engineers	4	ARCH1110	Fundamental Architectural Representation	4	MATH2321	Calculus 3 for Science and Eng	4	
	CHEM1153	Recitation for CHEM 1151	0	ARCH1120	Fundamental Architectural Design	6	PHYS1151	Physics for Engineering 1	3	
	ENGW1111	First-Year Writing	4	GE1502	Cornerstone of Engineering 2	4	PHYS1152	Lab for PHYS 1151	1	
	GE1000	Introduction to the Study of Engineering	1	MATH1342	Calculus 2 for Science and Engineering	4	PHYS1153	ILS for PHYS 1151	1	Vacation
	GE1501	Cornerstone of Engineering 1	4							
	MATH1341	Calculus 1 for Science and Engineering	4							
Year 2	CIVE2334	Environmental Engineering: Principles, Technology, and Sustainability	4	ARCH1310	Buildings and Cities: A Global History	4	CIVE2221	Statics and Solid Mechanics	4	
	LARC2230	Introduction to Sustainable Site Planning and Design	4	ARCH1311	Recitation for ARCH1310	0	CIVE2222	Recitation for CIVE2221	0	
	LARC2430	Plants, People, and Landscape Change	4	CIVE2260	Materials for the Built Environment	4	GE3300	Energy Systems: Science, Tech., & Sustainability	4	
AA	MATH2341	Differential Equations and Linear Algebra for Engineering	4	CIVE2261	Lab for 2260	1				Co-op
				CIVE2335	Environmental Engineering Chemistry	4				
				CIVE3430	Engineering Microbiology and Ecology	4				
				ENCP2000	Introduction to Engineering Co-op Education	1				
Year 3	Co-op			CIVE2331	Fluid Mechanics and Hydraulics	4	ENGW3302	Advanced Writing Tech Prof	4	
				CIVE3435	Environmental Pollution Fate and Transport	4	Elective	Science Elective (Earth)	4	Co-op
AA				LARC2440	Planting Design	4				
				Elective	Technical Elective	4				
Year 4	Co-op			CIVE4534	Water Treatment Systems Design	3	Vacation			Co-op
				CIVE4535	Lab for CIVE 4535	1				
AA				ENCP3000	Professional Issues in Engineering	1				
				LARC2240	Sustainable Site Construction and Detaili	4				
				LARC2340	Cities, Landscapes and Contemporary Cu	4				
				Elective	Technical Elective	3				
Year 5	Co-op			CIVE3464	Probability and Engineering Economy for	4				
				CIVE4765	Sr. Design Project - Environmental	5				
AA				CIVE5300	Environmental Sampling and Analysis	2				
				CIVE5301	Lab for CIVE 5300	2				
				LARC5420	Professional Pratice in Landscape Archite	4				

Revised 6/5/20

Students must achieve a GPA of 2.50 or higher in all ARCH and LARC courses to satisfy the Landscape Architecture requirement.

NUpath requirements are satisfied in several courses across the program and by required courses.

BS in Environmental Engineering - Requirements:

Science Elective: One (1) course is required.
See the undergraduate catalog for the list of approved Science Electives.

Technical Electives: Two (2) courses are required.
See the undergraduate catalog for the list of approved Technical Electives.

Senior Design Project (Capstone): CIVE 4765 (Environmental)

Please consult with your Academic Advisor, found here.

Course sequence may be changed, subject to prerequisites.
Degree requirements can be found in the academic catalog and DARS provides a degree audit for students.