

**COMBINED MAJOR--BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING AND LANDSCAPE ARCHITECTURE**  
**Curriculum Outline - 2024**

*Sample Only – Actual Curriculum Sequence May Deviate from Sample*

	FALL	SPRING	SUMMER 1	SUMMER 2
Year 1	<a href="#">MATH1341</a> Calculus 1 for Science and Eng. 4	<a href="#">MATH1342</a> Calculus 2 for Science and Eng. 4	<a href="#">PHYS1151</a> Physics for Engineering 1 3	Vacation
	<a href="#">CHEM1151</a> General Chemistry for Engineers 4	<a href="#">GE 1502</a> Cornerstone of Engineering 2 4	<a href="#">PHYS1152</a> Lab for PHYS 1151 1	
	<a href="#">CHEM1153</a> Recitation for CHEM 1151 0	<a href="#">ARCH1110</a> Fundamental Architectural Representation 4	<a href="#">PHYS1153</a> ILS for PHYS 1151 1	
	<a href="#">GE 1501</a> Cornerstone of Engineering 1 4	<a href="#">ARCH1120</a> Fundamental Architectural Design 6	<a href="#">MATH2321</a> Calculus 3 for Science and Engineering 4	
	<a href="#">GE 1000</a> Intro to the Study of Engineering 1			
	<a href="#">ENGW1111</a> First-Year Writing 4			
Year 2 (AA)	<a href="#">MATH2341</a> Differential Equations and Linear Algebra for Engineering 4	<a href="#">ENCP 2000</a> Intro to Engineering Co-op 1	<a href="#">GE 3300</a> Energy Systems: Science, Tech., & Sustainability 4	Co-op
	<a href="#">CIVE2334</a> Environmental Engineering: Principles, Technology, and Sustainability 4	<a href="#">ARCH1310</a> Buildings and Cities: A Global History 4	<a href="#">CIVE2221</a> Statics and Solid Mechanics 4	
	<a href="#">LARC 2230</a> Site Materials and Methods 4	<a href="#">ARCH1311</a> recitation for ARCH1310 0		
	<a href="#">LARC 2430</a> Plant Identification 4	<a href="#">CIVE2260</a> Materials for the Built Environ. 4		
		<a href="#">CIVE2261</a> Lab for 2260 1		
		<a href="#">CIVE2335</a> Environmental Engineering Chemistry 4		
		<a href="#">CIVE3430</a> Engineering Microbiology and Ecology 4		
Year 3 (AA)	Co-op	<a href="#">CIVE2331</a> Fluid Mechanics and Hydraulics 4	<a href="#">ENGW3302</a> Advanced Writing Tech Prof 4	Co-op
		<a href="#">CIVE3435</a> Environmental Pollution Fate and Transport 4	Elective Science Elective (Earth) 4	
		Elective Technical Elective 1 of 2 4		
		<a href="#">LARC 2440</a> Planting Design 4		
Year 4 (AA)	Co-op	<a href="#">ENCP3000</a> Prof. Issues in Eng'g. 1	Vacation	Co-op
		Elective Technical Elective 2 of 2 3		
		<a href="#">CIVE 4534</a> Water Treatment Systems Design 3		
		<a href="#">CIVE 4535</a> Lab for CIVE 4535 1		
		<a href="#">LARC 2340</a> Cities, Landscapes and Contempor 4		
Year 5 (AA)	Co-op	<a href="#">LARC 2240</a> Sustainable Site Construction and L 4		
		<a href="#">CIVE3464</a> Probability and Engineering Economy for Civil Engineering 4		
		<a href="#">CIVE5300</a> Environmental Engineering Laboratory 4		
		<a href="#">LARC 5420</a> Professional Practice in Landscape Architecture 4		
		<a href="#">CIVE4765</a> Sr. Design Project - Environmental 5		

Revised version, 02/16/2019

**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)

Course sequence may be changed, subject to prerequisite requirements.

[Please consult with your Academic Advisor, found here.](#)

*The registrar's website provides a listing of degree requirements and the DARS system provides a degree audit utility for students.*