

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	MATH1341 Calculus 1 for Science and Eng. 4	MATH1342 Calculus 2 for Science and Eng. 4	PHYS1151 Physics for Engineering 1 3	Vacation
	CHEM1151 General Chemistry for Engineers 4	GE 1502 Cornerstone of Engineering 2 4	PHYS1152 Lab for PHYS 1151 1	
	CHEM1153 Recitation for CHEM 1151 0	ARCH1110 Fundamental Architectural Representation 4	PHYS1153 ILS for PHYS 1151 1	
	GE 1501 Cornerstone of Engineering 1 4	ARCH1120 Fundamental Architectural Design 6	MATH2321 Calculus 3 for Science and Engineering 4	
	GE 1000 Intro to the Study of Engineering 1			
	ENGW1111 First-Year Writing 4			
Year 2 (AA)	MATH2341 Differential Equations and Linear Algebra for Engineering 4	CIVE2000 Introduction to Engineering Co-op Education 1	GE 3300 Energy Systems: Science, Tech., & Sustainability 4	Co-op
	CIVE2334 Environmental Engineering: Principles, Technology, and Sustainability 4	ARCH1310 Buildings and Cities: A Global History 4	CIVE2221 Statics and Solid Mechanics 4	
	LARC 2230 Site Materials and Methods 4	ARCH1311 recitation for ARCH1310 0		
	LARC 2430 Plant Identification 4	CIVE2260 Materials for the Built Environ. 4		
		CIVE2261 Lab for 2260 1		
		CIVE2335 Environmental Engineering Chemistry 4		
		CIVE3430 Engineering Microbiology and Ecology 4		
Year 3 (AA)	Co-op	CIVE2331 Fluid Mechanics and Hydraulics 4	ENGW3302 Advanced Writing Tech Prof 4	Co-op
		CIVE3435 Environmental Pollution Fate and Transport 4	Elective Science Elective (Earth) 4	
		Elective Technical Elective 1 of 2 4		
		LARC 2440 Planting Design 4		
Year 4 (AA)	Co-op	CIVE3000 Professional Issues in Engineering Elective 1	Vacation	Co-op
		Technical Elective 2 of 2 3		
		CIVE 4534 Water Treatment Systems Design 3		
		CIVE 4535 Lab for CIVE 4535 1		
		LARC 2340 Cities, Landscapes and Contempor 4		
Year 5 (AA)	Co-op	LARC 2240 Sustainable Site Construction and L 4		
		CIVE3464 Probability and Engineering Economy for Civil Engineering 4		
		CIVE5300 Environmental Engineering Laboratory 4		
		LARC 5420 Professional Practice in Landscape Architecture 4		
		CIVE4765 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 advisor: Russ Rakouskas - 220 Snell, 617-373-5503, r.rakouskas@northeastern.edu

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