

COMBINED MAJOR IN ENVIRONMENTAL ENGINEERING AND LANDSCAPE ARCHITECTURE

BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING

Curriculum Outline - Class of 2024

Sample Only – Actual Curriculum Sequence May Deviate from Sample

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

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.