

**BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING
CURRICULUM OUTLINE - CLASS OF 2023**

Sample Only – Actual Curriculum Sequence May Deviate from Sample

	FALL	SPRING	SUMMER 1	SUMMER 2
Year 1	MATH1341 Calculus 1 for Engrs. 4	MATH1342 Calculus 2 for Engrs. 4	Vacation	Vacation
	CHEM1151 General Chem. for Engrs. 4	PHYS1151 Physics 1 for Engrs. 3		
	CHEM1153 Recitation for CHEM1151 0	PHYS1152 Physics 1 Lab 1		
	GE_1501 Cornerstone Eng'g. 1 4	PHYS1153 ILS for PHYS1151 1		
	GE_1000 Intro. to Eng. 1	GE_1502 Cornerstone Eng'g. 2 4		
	ENGW1111 First Year Writing 4	Elective General Elective 4		
Year 2 (AA)	MATH2321 Calculus 3 for Engrs. 4	MATH2341 Diff. Eq./Lin. Alg. 4	Vacation	Co-op
	CIVE2260 Materials 4	CIVE2000 Intro. to Eng'g. Co-op 1		
	CIVE2261 Meas./Matls. Lab 1	CIVE2335 Environmental Eng'g. Chemistry 4		
	CIVE2221 Statics & Strength 4	CIVE2331 Fluid Mechanics 4		
	CIVE2222 Recitation for CIVE2221 0	GE_3300 Energy Systems: Science, 4		
	CIVE2334 Environ. Eng'g. 1 4	Elective General Elective 4		
Year 3 (AA)	Co-op	CIVE3435 Environmental Pollution Fate and Transport 4	Elective General Elective 4	Co-op
		CIVE3430 Eng'g Microbiology and Ecology 4	Elective General Elective 4	
		Elective Technical Elective 4		
		Elective Science Elective (Earth) 4		
Year 4 (AA)	Co-op	CIVE3000 Prof. Issues in Eng'g. 1	Elective General Elective 4	Co-op
		CIVE3464 Prob./Eng'g. Econ. 4	Elective General Elective 4	
		Elective Technical Elective 4		
		CIVE_4534 Environmental Engineering 2 3		
		CIVE_4535 Lab for CIVE 4535 1		
		ENGW3302 Adv. Writing for Prof.** 4		
Year 5 (AA)	Co-op	CIVE4765 Sr. Design Project - Environmental 5		
		Elective Technical Elective 4		
		CIVE5300 Environmental Engineering Laboratory 4		
		Elective General Elective 4		

Revised version, 02/23/2018

**ENGW3315 Interdisciplinary Advanced Writing is an acceptable substitution for engineering majors.

BS in Environmental Engineering - Requirements:

General Electives: Six (6) courses are required.

General electives are academic, non-remedial, non-repetitive courses.

Nupath requirements: Interpreting Culture (IC), (SI) Societies and Institutions, and Differences and Diversity (DD) are not explicitly satisfied by required engineering courses. Students are responsible for satisfying these requirements, and if these are not fulfilled in engineering courses, should use general electives to do so.

Science Elective (Earth): One (1) course is required.

See the undergraduate catalog for the list of approved Science Electives (Earth).

Technical Electives: Three (3) courses are required.

See the undergraduate catalog for the list of Technical Electives.

Senior Design Project (Capstone elective): One (1) course required, either CIVE 4765 (Environmental)

Course sequence may be changed, subject to prerequisites. Consult with your advisor: Russ Rakouskas - 220 SN, 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.