

**BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING
CURRICULUM OUTLINE - CLASS OF 2022**

Sample Only – Actual Curriculum Sequence May Deviate from Sample

	FALL	SPRING	SUMMER 1	SUMMER 2
Year 1	MATH1342 Calculus 2 for Engrs. *	MATH2321 Calculus 3 for Engrs.	Elective General Elective	Vacation
	CHEM1151 General Chem. for Engrs.	PHYS1151 Physics 1 for Engrs.	Elective General Elective	
	CHEM1153 Recitation for CHEM1151	PHYS1152 Physics 1 Lab		
	GE 1501 Cornerstone Eng'g. 1	PHYS1153 ILS for PHYS1151		
	GE 1000 Intro. to Eng.	GE 1502 Cornerstone Eng'g. 2		
	ENGW1111 First Year Writing	Elective General Elective		
Year 2 (MC)	MATH2341 Diff. Eq./Lin. Alg.	CIVE2000 Intro. to Eng'g. Co-op	Elective General Elective	Co-op
	CIVE2260 Civil Engineering Materials	CIVE2331 Fluid Mechanics	Elective General Elective	
	CIVE2261 Materials and Measurements Lab	CIVE2335 Environmental Eng'g. Chemistry		
	CIVE2221 Statics & Strength	GE 3300 Energy Systems: Science, Tech., & Sustainability		
	CIVE2222 Recitation for CIVE2221	Elective Technical Elective		
	CIVE2334 Environ. Eng'g. 1			
Year 3 (MC)	Co-op	CIVE3435 Environmental Pollution Fate and Transport	Elective General Elective	Co-op
		CIVE3430 Eng'g Microbiology and Ecology	Elective Science Elective (Earth)	
		CIVE3464 Prob./Eng'g. Econ.		
		CIVE 4534 Environmental Engineering 2		
		CIVE 4535 Lab for CIVE 4535		
Year 4 (MC)	Co-op	CIVE3000 Prof. Issues in Eng'g.		Vacation
		Elective Technical Elective		
		Elective Technical Elective		
		CIVE4765 Sr. Design Project - Environmental		
		CIVE5300 Environmental Engineering Laboratory		

Revised version, 02/23/2018

* Students will need to have AP credit for Calc. AB (MATH1341-Calculus 1–4 SH)

** Students will need to take Advanced Writing in the Professions online during this co-op. 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 the requirements, and if these are not fulfilled in engineering courses, should use general electives to do so.

Science Elective: One (1) course is required.

See the undergraduate catalog for the list of approved Science Electives.

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.*

