BS/MS with **BS in Environmental Engineering** and **MS 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	Civil Engineering Materials	4	CIVE2000	Intro. to Eng'g. Co-op	1				
	CIVE2261	Materials and Measurements 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, Tech., & Sustainability	4				
	CIVE2334	Environ. Eng'g. 1	4							
Year 3 (AA)	Co-op			CIVE3435	Environmental Pollution Fate and	4	Elective	General Elective	4	Co-op
				CIVE3430	Eng'g Microbiology and Ecology	4	Elective	Science Elective (Earth)	4	
				Elective	Technical Elective	4				
				CIVE4534	Environmental Enginering 2	3				
				CIVE4535	Lab for CIVE 4535	1				
Year 4 (YB)	Co-op			CIVE3000	Prof. Issues in Eng'g.	1	ENGW3302	Adv. Writing for Prof.*	4	Vacation
				CIVE3464	Prob./Eng'g. Econ.	4	Elective	General Elective	4	
				Elective	Technical Elective	4				
				Elective	*Grad Course #1* (Technical Elective)	*4*				
				Elective	*Grad Course #2* (General Elective)	*4*				
Year 5 (YB)	*Elective*	*Grad Course #3* (General Elective)	*4*	CIVE4765	Sr. Design Project - Environmental	5				
	Elective	*Grad. Course #4*	*4*	CIVE5300	*Environ. Engineering Laboratory (Required for BS and MS)*	*4*				
	Elective	*Grad. Course #5*	*4*							
	Elective	*Grad. Course #6*	*4*	*Elective*	*Grad. Course #8*	*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: 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)

MS in Environmental Engineering - Requirements:

Students must take 32 credits of graduate coursework that satisfy MS requirements found in the Graduate Catalog

BS/MS Admission Requirements and Academic Policies can be found via the following URL - http://www.coe.neu.edu/sites/default/files/pdfs/coe/advising/BSMSPolicies.pdf

Students will be required to meet with an undergraduate advisor to petition to enter the program.
Students are encouraged to meet with their financial aid counselor to review any financial questions.
4 semesters of coursework at Northeastern University must be completed with a minimum GPA of 3.2 to join the BS/MS program.

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.