

PlusOne Curriculum for BS in Environmental Engineering/MS in Environmental Engineering

BS in Environmental Engineering CURRICULUM OUTLINE - CLASS OF 2021

Sample Only – Actual Curriculum Sequence May Deviate from Sample

	FALL	SPRING	SUMMER 1	SUMMER 2
Year 1	MATH1342 Calculus 2 for Engrs. 4 CHEM1151 General Chem. for Engrs. 4 CHEM1153 Recitation for CHEM1151 0 GE 1501 Cornerstone Eng'g. 1 4 GE 1000 Intro. to Eng. 1 ENGW1111 First Year Writing 4	MATH2321 Calculus 3 for Engrs. 4 PHYS1151 Physics 1 for Engrs. 3 PHYS1152 Physics 1 Lab 1 PHYS1153 ILS for PHYS1151 1 GE 1502 Cornerstone Eng'g. 2 4 Elective General Elective 4	Elective General Elective 4 Elective General Elective 4	Vacation
Year 2 (MC)	MATH2341 Diff. Eq./Lin. Alg. 4 CIVE2260 Materials 4 CIVE2261 Meas./Matls. Lab 1 CIVE2221 Statics & Strength 4 CIVE2222 Recitation for CIVE2221 0 CIVE2334 Environ. Eng'g. 1 4	CIVE3430 Eng'g Microbiology and Ecology 4 CIVE2000 Intro. to Eng'g. Co-op 1 CIVE2335 Environmental Eng'g. Chemistry 4 CIVE2331 Fluid Mechanics 4 GE 3300 Energy Systems: Science, Tech., & Sustainability 4	<i>Elective</i> <i>Grad Course #1</i> 4 (General Elective) Elective Science Elective (Earth) 4	Co-op
Year 3 (MC)	Co-op	CIVE3435 Environmental Pollution Fate and Transport 4 Elective Technical Elective 4 CIVE3464 Prob./Eng'g. Econ. 4 CIVE4534 Environmental Engineering 2 3 CIVE4535 Lab for CIVE 4535 1	<i>Elective</i> <i>Grad Course #2</i> 4 (General Elective) Elective General Elective 4	Co-op ENGW3302 Adv. Writing for Prof. 4
Year 4 (MC)	Co-op	CIVE4765 Sr. Design Project - Environmental 5 Elective Technical Elective 4 <i>Elective</i> <i>Grad Course #3</i> 4 (Technical Elective) CIVE3000 Prof. Issues in Eng'g. 1 CIVE5300 <i>Environ. Engineering Laboratory</i> 4 (required for BS and MS)		

Revised version, 02/23/2018

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

BS in Environmental Engineering - Requirements:

You will need to have AP credit for Calc. AB (MATH1341 - Calculus 1 - 4 SH) - see advisor

General Electives: Six (6) courses are required.

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

Nupath requirements: Interpreting Culture (IC), Societies and Institutions (SI), and Differences and Diversity (DD) are not explicitly satisfied by required engineering courses. Students are responsible for

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)

MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING CURRICULUM

	FALL	SPRING
PlusOne Year	Elective Grad. Course #5 4 Elective Grad. Course #6 4	Elective Grad. Course #7 4 Elective Grad. Course #8 4

MS in Environmental Engineering - Requirements:

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

For more information about the PlusOne program or for assistance with applying to the program, please contact the Graduate Student Services team at support@unsky.dean.northeastern.edu.

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 list of degree requirements and the DARS system provides a degree audit utility for students.

