

**BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING  
CURRICULUM OUTLINE - CLASS OF 2021**

*Sample Only – Actual Curriculum Sequence May Deviate from Sample*

	FALL	SPRING	SUMMER 1	SUMMER 2
<b>Year 1</b>	<a href="#">MATH1341</a> Calculus 1 for Engrs. 4 <a href="#">CHEM1151</a> General Chem. for Engrs. 4 <a href="#">CHEM1153</a> Recitation for CHEM1151 0 <a href="#">GE 1501</a> Cornerstone Eng'g. 1 4 <a href="#">GE 1000</a> Intro. to Eng. 1 <a href="#">ENGW1111</a> First Year Writing 4	<a href="#">MATH1342</a> Calculus 2 for Engrs. 4 <a href="#">PHYS1151</a> Physics 1 for Engrs. 3 <a href="#">PHYS1152</a> Physics 1 Lab 1 <a href="#">PHYS1153</a> ILS for PHYS1151 1 <a href="#">GE 1502</a> Cornerstone Eng'g. 2 4 Elective General Elective 4	Vacation	Vacation
<b>Year 2 (AA)</b>	<a href="#">MATH2321</a> Calculus 3 for Engrs. 4 <a href="#">CIVE2260</a> Materials for the Built Environ. 4 <a href="#">CIVE2261</a> Lab for CIVE 2260 1 <a href="#">CIVE2221</a> Statics and Solid Mechanics 4 <a href="#">CIVE2222</a> Recitation for CIVE2221 0 <a href="#">CIVE2334</a> Environmental Engineering: Principles, Technology, and Sustainability 4	<a href="#">MATH2341</a> Diff. Eq./Lin. Alg. 4 <a href="#">CIVE2000</a> Intro. to Eng'g. Co-op 1 <a href="#">CIVE2335</a> Environmental Eng'g. Chemistry 4 <a href="#">CIVE2331</a> Fluid Mechanics and Hydraulics 4 <a href="#">GE 3300</a> Energy Systems: Science, Tech., & Sustainability 4	Vacation	Co-op
<b>Year 3 (AA)</b>	Co-op	<a href="#">CIVE3435</a> Environmental Pollution Fate and Transport 4 <a href="#">CIVE3430</a> Eng'g Microbiology and Ecology 4 Elective Technical Elective 4 Elective Science Elective (Earth) 4	Elective General Elective 4 Elective General Elective 4	Co-op
<b>Year 4 (AA)</b>	Co-op	<a href="#">CIVE3000</a> Prof. Issues in Eng'g. 1 <a href="#">CIVE3464</a> Prob./Eng'g. Econ. 4 Elective Technical Elective 4 <a href="#">CIVE 4534</a> Water Treatment Systems Design 3 <a href="#">CIVE 4535</a> Lab for CIVE 4535 1 <a href="#">ENGW3302</a> Adv. Writing for Prof.** 4	Elective General Elective 4 Elective General Elective 4	Co-op
<b>Year 5 (AA)</b>	Co-op	<a href="#">CIVE4765</a> Sr. Design Project - Environmental 5 Elective Technical Elective 4 <a href="#">CIVE5300</a> 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

**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.*