

**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 <a href="#">GE 1000</a> Intro. to Eng. 1 <a href="#">ENGW1111</a> College 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 4 <a href="#">CIVE2261</a> Meas./Matis. Lab 1 <a href="#">CIVE2221</a> Statics & Strength 4 <a href="#">CIVE2222</a> Recitation for CIVE2221 0 <a href="#">CIVE2334</a> Environ. Eng'g. 1 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 4 <a href="#">GE 3300</a> Energy Systems: Science, Tech., & Sustainability 4	Vacation	Co-op
<b>Year 3 (AA)</b>	Co-op	CIVE3435 Environmental Pollution Fate and Transport 4 CIVE3430 Eng'g Microbiology and Ecology 4 Elective ENVE Tech. Elective 1 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 ENVE Tech. Elective 2 4 CIVE 4534 Environmental Engineering 2 4 CIVE 4535 Lab for CIVE 4535 0 <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	CIVE4765 Sr. Design Project - Environmental 5 Elective ENVE Tech. Elective 3 4 CIVE5300 Environmental Engineering Laboratory 4 Elective General Elective 4		

**NUPath requirements Interpreting Culture (IC), Differences and Diversity (DD), and Societies and Institutions (SI)** 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. General Electives are academic, non-remedial, non-repetitive courses.

**Earth Science Elective: 1 required** (Please see the undergraduate catalog for the list of approved Earth Science Electives)

**Environmental Engineering Technical Electives (EETE): 3 required** (Please see the undergraduate catalog for the list of Technical Electives)

- CIVE5271 Solid and Hazardous Waste Management
- CIVE5272 Air Quality Management
- CIVE5275 Life Cycle Assessment of Materials, Products, and Infrastructure
- CIVE5321 Geoenvironmental Engineering
- CIVE5536 Hydrologic Engineering
- CIVE5699 Special Topics in Civil Engineering -- Remote Sensing of the Environment
- CIVE5699 Special Topics in Environmental Engineering -- Organic Pollutants in the Environment
- CIVE5699 Special Topics in CE: Environmental Fluid Mechanics
- CIVE5699 Special Topics in CE: Dynamic Modeling for Environmental Investment and Policy Making

Course sequence may be changed, subject to prerequisite requirements. Please consult with your advisor: Russ Rakouskas - 220 Snell, 617-373-5503, r.rakouskas@n

**The registrar's website provides a listing of degree requirements and the DARS system provides a degree audit utility for students.**