BACHELOR OF SCIENCE IN ENVIRONMENTAL ENGINEERING

<table>
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<td>CEMS 1500 - CEMS First Year Seminar</td>
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<td>ENGR 1020 - Graphical Communication</td>
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<td>PHYS 1510 - Prob. Solv. Session I [opt]</td>
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<td>WIL (ENGS 1001/HCOL 1000)</td>
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<td>CEE 2000 - Geomatics</td>
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<td>CEE 1100 - Statics</td>
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<td>CEE 3510 - Water &amp; Wastewater Engr.</td>
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<td>BIOL 1400 - Principles of Biology</td>
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<td>STAT 2430 - Statistics for Engineers</td>
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<td>MATH 3201 - Appl Math for Engr &amp; Sci</td>
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<td>EE 2175 - Electrical Circuits &amp; Sensors</td>
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<td>CE 4950 - Capstone Design I</td>
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<td>HydroGeoPhys Design Elective</td>
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**Minimum Total Credits Required for Degree: 128**

1. CEMS 050 & CE 003 are degree requirements designed for first-year students. Internal and external transfer students may substitute 100-level or higher engineering (BME, CE, EE, EMGT, ENGR, ME) credits for these requirements.
2. Foundational Writing and Information Literacy (FWIL) is a University requirement. Students must take either ENGS 001 or HCOL 085 (only for students enrolled in the Honors College). Students transferring from the College of Arts and Sciences can use a TAP class to fulfill this requirement.
3. University & CEE General Education Requirements include: 15 credits of approved General Education (GenEd) electives including one 3-credit D1 course, a second 3-credit D1 or D2 course, and 3 credits each of Humanities and Social Sciences.
5. Env Engr Electives: CE 218, CE 250, CE 260, EMGT 201, all HydroGeoPhys and BioGeoChem Design Electives, and some CE 295 (Special Topics) courses (consult advisor).
7. Science/Technical Elective: ME 042 or any 100-level or higher course in Engineering (BME, CE, EE, EMGT [except EMGT 170], ENGR, ME) or Science (BIOL, CHEM, GEOL, PHYS) or PSS 161, PSS 264, PSS 268, or PSS 269 or NR 288, NR 289.

N.B. The University’s Sustainability (SU) and Quantitative Reasoning (QR) requirements are built into the Environmental Engineering curriculum.

This document is an advising tool and should be used in combination with a student's degree audit, as well as the published Catalogue for 2020-2021 found at http://catalogue.uvm.edu/