

Environmental Engineering Minor

Department of Civil and Environmental Engineering

Environmental engineering involves the study of clean water, clean air, waste management and preservation of resources, in ways that minimize effects detrimental to the earth's environment.

The environmental engineering minor comprises a minimum of 18 credit hours, at least half of which must be earned at URI, including two "Fundamental Science" courses, two "Environmental Engineering Fundamentals" courses (for non CVE majors), and up to four "Environmental Engineering Design" courses from an approved list. Students may also select one course from a list of approved "Supporting Courses".

Only engineering students may pursue this minor. Students declaring this minor must earn a minimum cumulative grade point average of 2.50 in courses counted toward the minor. Students will need to complete the environmental engineering minor form and have it signed by the Environmental Engineering minor Coordinator, Dr. Vinka Craver (craver@uri.edu), and the Civil and Environmental Engineering Department Chair, Dr. Mayrai Gindy (mayraig@uri.edu). Students are responsible for meeting the prerequisite requirements for individual courses, as applicable.

<p>A. Fundamental Science: Select 2 courses</p> <p>MCE 341 Fundamentals of Thermodynamics CHM112 General Chemistry II CHE 212* Chemical Process Calculations CHM 227 Organic Chemistry Lecture I</p>	<p>D. Supporting Courses: May select 1 course</p> <p>CPL/LAR 434 Introduction to Environmental Law CPL 485 Environmental Planning EEC 430 Water Resource Economics GEO 305 Global Climate Change GEO 462x Aqueous Geochemistry GEO 483 Hydrogeology ISE 460 Design for the Environment NRS 409 Concepts in GIS & Remote Sensing NRS 410 Fundamentals of GIS NRS 412 Soil-Water Chemistry NRS 415 Remote Sensing of The Env. NRS 461 Watershed Hydrology and Mngt. OCG 480 Introduction to Marine Pollution</p>
<p>B. Environmental Engineering Fundamentals (Required for non-CVE students)</p> <p>CVE 370 Hydraulic Engineering CVE 374 Environmental Engineering</p>	<p><i>* CHE majors cannot use CHE 212 as a course toward the requirements of this minor.</i></p>
<p>C. Environmental Engineering Design: Select up to 4 courses</p> <p>CVE323H Sustainable Sol. for Developing Communities CVE 470 Water and Wastewater Transport Systems CVE 471 Water and Wastewater Treatment Systems CVE 474 Water Quality Sampling and Analyses CVE 475 Water in the Environment CVE 477 Env. Sustainability and Green Engineering CVE 482 Innovative Remediation Technologies CVE 484 Env. Hydrogeology – Fate and Transport of Cont. CVE 491/492 Special Problems</p>	

Vinka Craver, Associate Professor
 Coordinator of the Environmental Engineering Minor
 Department of Civil and Environmental Engineering
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1. Engineering undergraduate students may declare a “**MINOR IN ENVIRONMENTAL ENGINEERING**” field of study, which will be listed on the student’s academic record after graduation. Requirements of the minor are satisfied by completing 18 credit hours from the approved course list. A minimum GPA of 2.50 must be earned in these courses. At least one-half of the credits must be earned at the University of Rhode Island.
2. *With prior approval*, supporting courses may be substituted with appropriate other courses including special projects.
3. Application must be filed in the Engineering Dean’s Office as soon as courses are selected and approved by the Environmental Engineering minor coordinator and the CVE Department Chair.

Name: _____

Student ID Number: _____

Major: _____

Intended Graduation Date (mm/yy): _____

Name of Minor: **Environmental Engineering**

Course No.	Course Title	Credits	Grade

Total Credits/GPA:

 Environmental Engineering Minor Coordinator’s Signature

 Date (mm/dd/yy)

 Civil and Environmental Engineering Department Chairperson’s Signature

 Date (mm/dd/yy)

 Dean of Engineering’s Signature

 Date (mm/dd/yy)

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