

ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY, DOCTORAL MINOR

Any student enrolled in a University of Wisconsin–Madison doctoral program can pursue a doctoral minor in Environmental Chemistry and Technology (EC&T). The strength of the EC&T program lies in its interdisciplinary approach bringing state-of-the-art scientific and engineering principles to the field of environmental chemistry. This enables EC&T to educate and train graduate students for varied careers as well as to advance knowledge and techniques for both scientific research and applied problem solving.

ADMISSIONS

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Students interested in the doctoral minor should first contact the department Graduate Coordinator to learn the requirements, process, and complete the required paperwork.

All Graduate School students must utilize the Graduate Student Portal in MyUW to add, change, or discontinue any doctoral minor. To apply to this minor, log in to MyUW (<https://my.wisc.edu/web/expanded/>), click on Graduate Student Portal, and then click on Add/Change Programs. Select the information for the doctoral minor for which you are applying.

REQUIREMENTS

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GRADE REQUIREMENT

Students must earn a B or better in courses for the doctoral minor.

REQUIRED COURSES

Students must complete a breadth of courses to complement their doctoral major and academic background. Doctoral minor courses and required doctoral major courses cannot overlap or double-count.

The Graduate Program Handbook (<https://engineering.wisc.edu/cee-grad-ect-handbook/>) is the repository for all of the program's policies and requirements.

Code	Title	Credits
Core Courses		
Students must complete three courses from at least two of the following groups.		8
<i>Environmental Inorganic Chemistry</i>		
CIV ENGR 703 or GEOSCI 875	Environmental Geochemistry Advanced Topics in Geology	
<i>Environmental Organic Chemistry</i>		
CIV ENGR 704	Environmental Chemical Kinetics	

or CIV ENGR/ M&ENVTOX/ SOIL SCI 631	Toxicants in the Environment: Sources, Distribution, Fate, & Effects
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Atmospheric Chemistry

CIV ENGR/ ATM OCN 701 or CHEM 629	The Chemistry of Air Pollution Atmospheric Chemical Mechanisms
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Environmental Technology

CIV ENGR 609 or CIV ENGR 62	Special Topics in Water Chemistry Special Topics in Environmental Engineering
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Advanced Electives (numbered 500 or higher) associated with the program

Seminar

Students must complete one semester of the following course.	1
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CIV ENGR 909	Graduate Seminar - Environmental Chemistry & Technology
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Total Credits	9
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