ENVIRONMENTAL CHEMISTRY AND TECHNOLOGY, DOCTORAL MINOR

Any student enrolled in a University of Wisconsin–Madison Ph.D. 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.

REQUIREMENTS

A minimum of 9 course credits associated with the EC&T Ph.D. major’s core classwork (CIV ENGR 703 Environmental Geochemistry or GEOSCI 875 Advanced Topics in Geology, CIV ENGR 502 Environmental Organic Chemistry or CIV ENGR 704 Environmental Chemical Kinetics, CIV ENGR/ATM OCN 701 The Chemistry of Air Pollution) and/or advanced electives (numbered 500 or higher) associated with the program. One semester of CIV ENGR 909 Graduate Seminar - Environmental Chemistry & Technology, Graduate Research Seminar must be included. Breadth of courses should complement the Ph.D. major and the student’s academic background. Students are expected to achieve a B or better in all courses for the minor. EC&T minor courses and those required by the Ph.D. major cannot overlap or double-count.

ADMISSIONS

Contact James P. Hurley, Chair, Environmental Chemistry and Technology Program, jphurley@wisc.edu.

PEOPLE

Faculty: Anderson (Civil and Environmental Engineering), Bleam (Soil Science), Ginder-Vogel (Civil and Environmental Engineering), Harrington (Civil and Environmental Engineering), Helmke (Soil Science), Hurley (chair) (Civil and Environmental Engineering), Karthikeyan (Biological Systems Engineering), McMahon (Civil and Environmental Engineering), Noguera (Civil and Environmental Engineering), Pedersen (Molecular and Environmental Toxicology/Soil Science), Remucal (Civil and Environmental Engineering), Roden (Geoscience), Root (Chemical and Biological Engineering), Schauer (Civil and Environmental Engineering), Thompson (Biological Systems Engineering)