

Roadmap for Ph.D. Environmental Chemistry

Department of Chemistry & Biochemistry

2019-2020

The Environmental Chemistry Ph.D. program generates individualized roadmaps for each graduate student in consultation with the student's graduate committee. That plan includes a selection of three core courses from the following list:

Core courses – take 3 of the following; 9 credits

CHEM F609; Aquatic and Environmental Geochemistry; 3 credits, Offered Spring odd years.

CHEM F606; Atmospheric Chemistry; 3 credits; Offered Fall even years.

CHEM F631; Environmental Fate and Transport; 3 credits; Offered Spring even years.

CHEM F655; Environmental Toxicology; 3 credits; Offered Fall odd years.

Complete approved electives; 3-6 credits.

Approved electives are specified by the student's committee. The following tracks are defined as a guide. Within these tracks, students will be expected to complete as part of the core and electives:

Atmospheric Chemistry: CHEM F601, CHEM F606, CHEM F609 and CHEM F631

Aqueous/Environmental Geochemistry: CHEM F606 or CHEM F631, CHEM 609, GEOS F618.

Environmental Toxicology and Contaminant Fate: CHEM F606 or CHEM F609, CHEM F631 and CHEM F655.

All core courses are taught on an every-other-year schedule, and with a maximum of two core courses in any semester, so students can complete all class requirements in two years (or less).

Complete the seminar course CHEM F691; Research Presentation Techniques at least twice; 2 credits.