

Fall 2024 Course Offering

Environmental Chemistry CE 4613/5613

Instructor: Kristen E Brown, PhD
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Course Benefits:

- Introduce you to the environmental specialization
- Bridge across engineering disciplines
- Emphasize application of prior knowledge

Course Description: This course explores the chemistry of the environment, the chemistry underlying environmental problems, and the chemistry used to abate environmental problems. Course material will emphasize reactions and reaction types relevant to different environmental media (air, water, soil) as well as the interactions between these and life forms. Examples are selected from the chemistry of natural and contaminated air, water, and soil.

Textbook: Environmental Chemistry, 10th Edition, Stanley Manahan (ISBN: 9781498776936)

Meeting time and modality: This course will have one in-person session each week with additional asynchronous content to maximize schedule flexibility while benefiting from interaction.

Tuesdays 6-7:15pm; SEB 2.106 (Main Campus)

This class is available as a graduate class (CE 5613) or upper division undergraduate elective (CE 4613). Assignment difficulty and grading will differ between the options.

