CHEMISTRY (CHEM)

CHEM 535 Green Chemistry 3 Credit Hours
An examination of green chemistry principles and methods used to assess and improve chemical processes with respect to environmental impact. Topics include: concepts of green chemistry, waste prevention, catalysis, renewable resources, alternative energy resources, and green technologies. Additional assignments and/or projects will distinguish this course from its undergraduate version CHEM 435. Students cannot receive credit for both CHEM 435 and CHEM 535.
Restriction(s):
Cannot enroll if Class is Freshman or Sophomore or Junior or Senior

CHEM 548 Environmental Chemistry 3 Credit Hours
Advanced study of the concepts, principles, practices, and current problems in the chemistry of natural waters, the soils, and the atmosphere. Students in this graduate-level course will engage in mutually agreed-upon projects in addition to the class work assigned undergraduates. (W, AY).
Prerequisite(s): CHEM 344 and (CHEM 225 or CHEM 325)
Restriction(s):
Can enroll if Class is Graduate

CHEM 590 Topics in Chemistry 1 to 4 Credit Hours
Current topics in Chemistry. One to four credit hours. (OC)
Restriction(s):
Can enroll if Class is Graduate

*An asterisk denotes that a course may be taken concurrently.

Frequency of Offering

The following abbreviations are used to denote the frequency of offering: (F) fall term; (W) winter term; (S) summer term; (F, W) fall and winter terms; (YR) once a year; (AY) alternating years; (OC) offered occasionally