

SCHOOL OF CHEMISTRY AND BIOCHEMISTRY

CHEMISTRY

MINOR DEGREE PROGRAM

The Chemistry minor will comprise at least 15 credit hours of *approved* CHEM classes, of which at least 9 credit hours are upper-division coursework (numbered 3000 or above).

- 1) Courses at the 1000 level may NOT be counted toward the minor.
- 2) A maximum of 3 credit hours of Special Topics courses may be included in the minimum 15 credit hours of a minor program.
- 3) A maximum of 3 credit hours of CHEM 4699 (Undergraduate Research) may be used toward the minor.
- 4) All courses counting toward the minor must be completed with an average GPA of at least 2.0. A minimum of six of these credit hours must be taken in residence at Georgia Tech.
- 5) All courses counting toward the minor must be completed on a letter-grade basis.
- 6) Courses required by name and number and/or used to satisfy Core Areas A through E in a student's major degree program may not be used in satisfying the course requirements for a minor. Courses used in a minor also may be used to fulfill free electives, or technical electives.

The 15 credit hours applied to the chemistry minor must be comprised of any combination of the following courses listed below and still meet requirements 1-6 above:

CHEM 2211	Quantitative Analysis (3 credits)
CHEM 2311	Organic Chemistry I (3 credits)
CHEM 2312	Organic Chemistry II (3 credits)
CHEM 2380	Synthesis Lab I (2 credits)
CHEM 3111	Advanced Inorganic Chemistry (3 credits)
CHEM 3211	Analytical Chemistry (5 credits)
CHEM 3281	Instrumental Analysis (4 credits)
CHEM 3380	Synthesis Lab II (3 credits)
CHEM 3411	Physical Chemistry I (3 credits)
CHEM 3412	Physical Chemistry II (3 credits)
CHEM 3481	Physical Chemistry Lab (2 credits)

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CHEM 3511 Survey of Biochemistry (3 credits)
CHEM 4311 Advanced Organic Chemistry (3 credits)
CHEM 4341 Applied Spectroscopy (3 credits)
CHEM 4452 Chemistry of the Solid State (3 credits)
CHEM 4699 Undergraduate Research
CHEM 4740 Atmospheric Chemistry (3 credits)
CHEM 4775 Polymer Science and Eng. I (3 credits)
CHEM 4776 Polymer Science and Engi. II (3 credits)
CHEM 4803 Special Topics (with approval of Director, Undergraduate Studies)
CHEM 6XXX Chemistry Elective (with approval of Director, Undergraduate Studies)
CHEM 8XXX Graduate courses (with approval of Director, Undergraduate Studies)

Contact minor@chemistry.gatech.edu for further information or questions.