Approved Program of Study for Undergraduate Minors
Georgia Institute of Technology
Office of the Registrar
2016-2017
Minor in Chemistry

Please type or print in ink:

Name (first/last):	GT Student ID Number:
GT Email Address:	Daytime Phone:
Major:	Anticipated Graduation Date:

In addition to the guidelines listed below, you are responsible for reviewing and following the general guidelines for minors: http://www.catalog.gatech.edu/academics/minorguide.php

The Chemistry minor must comprise at least 15 credit hours of approved chemistry related courses, of which at least 9 credit hours are upper-division coursework (numbered 3000 or above).

A maximum of 3 credit hours of Special Topics (in biochemistry) courses may be included in the minimum 15 credit hours of a minor program and a maximum of 3 credit hours of CHEM 4699 (Independent Research) may be used toward the minor.

A maximum of 3 semester hours of transfer credit may be used to satisfy the course requirements for a minor. This includes courses taken at another institution or credit earned through the AP or IB program, assuming the scores meet Georgia Tech minimum standards.

All courses counting toward the minor must be taken on a letter-grade basis and must be completed with a grade of C (2.00) or better.

It is the **major advisor's responsibility** to verify that students are using only courses from the designated block(s) from the student's major field of study that are allowed to satisfy a minor program, that they are not using any Core Area A-E courses (including humanities and social sciences), and that they are not using any courses for more than one minor or certificate. Any free elective course used to satisfy the course requirements of the student's major degree program may also be used to satisfy the course requirements for a minor.

List the courses completed for the requested minor:

Course and Section	Course Title	Credit Hours	Grade	Semester Completed

Student signature:
Minor school signature:
Major school signature:

Georgia Institute of Technology

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) 1) Courses at the 1000 level may NOT be used toward the minor.
2) A maximum of 3 credit hours of CHEM 4803 Special Topics (in Chemistry) courses may be included in the minimum 15 credit hours of a minor program.
3) A maximum of 3 credit hours of CHEM 4699 (Independent Research) may be used toward the minor.
4) All courses counting toward the minor must be completed with an overall average GPA of at least 2.0.
5) All courses counting toward the minor must be completed with on a letter grade basis.
6) A maximum of 3 semester hours of transfer credit may be used to satisfy the course requirements for a minor. This includes courses taken at another institution or credit earned through the AP or IB program, assuming the scores meet Georgia Tech minimum standards.
7) It is the **major advisor's responsibility** to verify that students are using only courses from the designated block(s) from the student's major field of study that are allowed to satisfy a minor program, that they are not using any Core Area A-E courses (including humanities and social sciences), and that they are not using any courses for more than one minor or certificate. Any free elective course used to satisfy the course requirements of the student's major degree program may also be used to satisfy the course requirements for a minor.

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 1-7 above:

CHEM 2211 Quantitative Analysis (3 Credits)
CHEM 2311 Organic Chemistry I (3 Credits)
CHEM 2312 Organic Chemistry II (3 Credits) or
CHEM 2313 Bioorganic Chemistry (3 credits)
CHEM 2380 Synthesis Lab I (2 Credits)
CHEM 3111 Inorganic Chemistry (3 Credits)
CHEM 3211 Analytical Chemistry (5 Credits)
CHEM 3281 Instrumental Analysis (3 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)

CHEM 3511 Survey of Biochemistry (3 Credits)
CHEM 3700 Alternative Energy (3 Credits)
CHEM 4113 Inorganic Chemistry (Energy Conversion (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 Engr I (3 Credits)
CHEM 4776 Polymer Science and Engr 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.

Approved by School of Chemistry and Biochemistry , UCC 11-16-2016