Approved Program of Study for Undergraduate Minors
Georgia Institute of Technology
Office of the Registrar
2014-2015
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).

It is the major advisor’s responsibility to verify that students are not using any courses required by name and number for their major, 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. Free electives and technical electives may be used towards minors.

List the courses completed for the requested minor:

<table>
<thead>
<tr>
<th>Course and Section</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade</th>
<th>Semester Completed</th>
</tr>
</thead>
</table>

Student Signature:  

Major School Signature:  

Minor School Signature:  
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 Special Problems courses may be included in the minimum 15 credit hours of a minor program.
4) A maximum of 3 credit hours of CHEM 4699 (Undergraduate Research) may be used toward the minor.
5) 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.
6) All courses counting toward the minor must be completed on a letter-grade basis.
7) 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 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)

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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.