MINOR IN BIOCHEMISTRY

The School of Chemistry and Biochemistry provides many courses that are of interest to students from the Schools of Biology, Chemical and Biomolecular Engineering, Materials Science and Engineering, and Biomedical Engineering, and students pursuing pre-health tracks. These students develop greater interest in chemistry while taking these courses and the proposed minor provides a means to enhance their knowledge in a structured and documented manner. Given the multi-disciplinary nature of science and engineering today, the option to pursue more in-depth study outside of the major in a manner documented on their transcripts will benefit graduates as they enter a competitive, global, and diverse workforce.

The minor is likely to be highly attractive to students who intend to apply to medical, pharmacy, dental and graduate schools.

Program of Study

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>CHEM 4511</td>
<td>Biochemistry I</td>
<td>3</td>
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<tr>
<td>CHEM 4512</td>
<td>Biochemistry II</td>
<td>3</td>
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Electives

Select 9 credit hours of electives, at least 6 which are upper-division.

Total Credit Hours 15

1 Numbered 3000 or above.
2 Nine credit hours may be of any combination (3 credit hours each): CHEM 2312 (this course is pre-requisite to CHEM 4511), CHEM 3411 (this course is a pre-requisite to CHEM 4521), CHEM 4521, CHEM 4581, CHEM 4582, CHEM 4699, CHEM 4765, CHEM 4803 (with approval of the associate chair for undergraduate programs or their designate), CHEM 6500-level courses, CHEM 8500-level courses.

• 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 credit 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.