# Bachelor of Science in Chemistry (ACS Certification Track)

<table>
<thead>
<tr>
<th>Name (Last, first)</th>
<th>Student Number</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## First Semester at MU

### Required Chemistry Courses

- College Chemistry I with Lab: 1320, 4 hrs.
- College Chemistry II with Lab: 1330, 4 hrs.
- Organic Chemistry I: 2100, 3 hrs.
- Organic Chemistry II: 2110, 3 hrs.
- Organic Laboratory I: 2130, 2 hrs.
- Organic Laboratory II (Spring): 2140, 2 hrs.
- Fund. of Inorganic Chem. (Fall): 2400, 3 hrs.
- Quantitative Methods of Analysis: 3200, 4 hrs.
- Physical Chemistry I (Fall): 3310, 3 hrs.
- Physical Chemistry II (Spring): 3330, 3 hrs.
- Physical Chem. Lab (Spring): 3340, 3 hrs.
- Undergraduate Seminar (WI, Spring): 3700, 3 hrs.
- Instrumental Methods (Fall): 4200, 3 hrs.
- Adv. Inorganic Chemistry (Spring): 4400, 3 hrs.
- Senior Research: 4950, 3 hrs.

### Other Required Science Courses

- Calculus I (MATH 1500): 5 hrs.
- Calculus II (MATH 1700): 5 hrs.
- Calculus III (MATH 2300): 3 hrs.
- University Physics I (PHYS 2750): 5 hrs.
- University Physics II (PHYS 2760): 5 hrs.
- Biochemistry I (BIOCHM 4270): 3 hrs.

### Substitutions:

- 
- 
- 

After completing and signing this form, have it signed and dated by your advisor and the Associate Chair for Undergraduate Studies (Professor Keller). You then will need to make two photocopies of the signed form and schedule an appointment to submit all three copies to the A&S Dean’s Office, 107 Lowry Hall, (573)882-6411.

<table>
<thead>
<tr>
<th>Student</th>
<th>Date</th>
<th>Advisor</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Associate Chair</th>
<th>Date</th>
<th>Arts and Science Dean</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Mizzou Chemistry
College of Arts and Science Foundation (Basic Skills), University General Education and Graduation Requirements
Bachelor of Science (in Chemistry, Geological Sciences, Mathematics, Physics, and Statistics) Degree
(List courses already completed and courses to be completed)

Ed = General Education, G = Graduation, B = Basic Skills, O = course may be use for other degree requirements

All General Education and Graduation requirements must be met with a grade of C- or better (except for the American Gov./History requirement)

<table>
<thead>
<tr>
<th>ENGLISH 1000 OR EQUIVALENT Ed, B</th>
<th>Department/Course #</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRITING INTENSIVE I (1000+) Ed, O</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WRITING INTENSIVE II (3000+) G, O</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMERICAN GOVERNMENT OR HISTORY Ed, B, O</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATH 1100/1120, 1160, 1180 Ed, B</th>
<th>Department/Course #</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH REASONING PROFICIENCY Ed, O</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAPSTONE G, O</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This requirement is met with coursework required for the major.

Foreign Language (generally 12–13 hours; must in the same language) or Foreign Language Alternative (12 hours) B

<table>
<thead>
<tr>
<th>FOREIGN LANGUAGE</th>
<th>Department/Course #</th>
<th>Semester</th>
</tr>
</thead>
</table>

College of Arts and Science Foundation (Breadth of Study and Depth of Study) Requirements
(List courses already completed and courses to be completed)

Arts and Science Foundation courses satisfy the MU Distribution of Content requirement for an Arts and Science degree —
(if student is pursuing a second non-A&S degree and/or transfers to another division, check with the appropriate advisor concerning courses meeting MU Distribution of Content requirement)

<table>
<thead>
<tr>
<th>DEPARTMENT AND COURSE NUMBER</th>
<th>SEMESTER/ GRADE</th>
<th>CREDIT HOURS</th>
<th>TOTAL HOURS</th>
</tr>
</thead>
</table>

This requirement is met with coursework required for the major.

Area 1 — Biological, Physical, and Mathematical Sciences
9 hours minimum covering at least 2 of 3 categories (must include 1 science lab).

Area 2 — Behavioral and Social Sciences
9 hours minimum including 1 behavioral science course and 1 social science course. Examples include Behavioral, anthropology (excluding biological anthropology), psychology and sociology, Social: economics, geography, history and political science.

Area 3 — Humanities and Fine Arts
9 hours minimum covering at least 2 subjects. Examples include appreciation of art, music or theatre; classical humanities; creative and performing arts; foreign civilizations; history of art, music or theatre; literature; philosophy; and religious studies.

Two 2000 level or above
Arts & Science approved courses (minimum 6 hours) must be taken from 2 of the following 3 areas: Behavioral Science; Social Science; Humanities and Fine Arts. One course must be an MU course.

In order to graduate, students must complete a minimum of (A) 120 hours of degree applicable credit (including major, foundation courses, general education, minor (optional), and electives) including (B) 30 hours numbered 3000 or above. You will receive an e-mail stating progress toward requirements A and B. This information is also available at 107 Lowry Hall a few weeks after filling this graduation plan.

last revision 5/12/04