Bachelor of Science in Chemistry (ACS Certification Track)

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<th>Name (Last, first)</th>
<th>Student Number</th>
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First Semester at MU Anticipated Graduation Date

**Required Chemistry Courses**

- College Chemistry I with Lab 1320 4 hrs.
- College Chemistry II with Lab 1330 4 hrs.
- Organic Chemistry 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) 4310 3 hrs.
- Physical Chemistry II (Spring) 4330 3 hrs.
- Physical Chem. Lab (Spring) 4340 3 hrs.
- Undergraduate Seminar (Spring) 3700W 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 (PHYSCS 2750) 5 hrs.
- University Physics II (PHYSCS 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 Walensky). 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.

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<th>Student</th>
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<tr>
<th>Associate Chair</th>
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<th>Arts and Science Dean</th>
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All General Education and Graduation requirements must be met with a grade of C- or better (except for the American Gov./History requirement)

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<th>Department/Course #</th>
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<tr>
<td>English 1000 or equivalent</td>
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<td>Math 1100/1120, 1160, 1180</td>
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<td>Writing Intensive I (1000+)</td>
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<td>Math Reasoning Proficiency</td>
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<td>Writing Intensive II (3000+)</td>
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<td>Capstone</td>
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<td>American Government or History</td>
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<td>Diversity Requirement (di)</td>
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**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)

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

This requirement is met with coursework required for the major.

**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 your progress toward requirements A and B. This information is also available at 107 Lowry Hall a few weeks after filing your graduation plan.

Consult the A&S Advising website for courses that meet A&S Foundation requirements

One non-A&S course can count toward the 2000 level or higher course requirement

Only one non-A&S course may be counted in each of the 3 areas

Courses in the major department may not be used to fulfill A&S Foundation (Breadth of Study and Depth of Study) requirements

30 of the last 36 hours must be taken as MU courses

In order to graduate, students must have the following Grade Point Averages (GPAs):
- 2.0 cumulative GPA
- 2.0 major GPA
- 2.0 minor GPA
- 2.0 GPA in the final 30 hours
- 2.0 GPA in the final 60 hours

(last revision 5/24/17)