Path to the Major

BA

BS

Intensive

BS/MS

Prerequisite for entering the major

General Chemistry I and II
Chem 161 and 165 or Chem 163 and 167
Chem 134L and 136L

Integral Calculus
Math 115

Introductory Physics
170 or higher
(180, 200 or 260)

10 credits
11 courses

13 credits
14 Courses

15 credits
16 Courses

Intensive + 4 grad courses

2 Semesters Organic Chemistry (with Labs)
Chem 174 or 220 and Chem 175, 221, or 230. Chem 222L and 223L

Chem 490 during 5th/6th term

Physical Chemistry
332 or 328

Two Physical Chemistry courses (with 1 Lab)
332, 333 and 330L

Chem 490 between Jr/Sr year

Inorganic Chemistry
Chem 252

Physics
171, 181, 201, or 261

Research including 2 in Chem 990

4 Addtl course credits
At least 1 lecture, 1 lab

5 Advanced course credits
At least 2 lectures and 1 lab

Senior Seminar
Chem 400

2 Semesters Research
Chem 490

or
Chem 400 + advanced additional course

2 Semesters Research
Chem 490

4 Semesters Research
including 2 in Chem 990

Substitution
Needs DUS permission

Up to 2 relevant advanced science courses in other departments for advanced chem courses

N/A

N/A
Possible BA Sequence

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<th>Year 1</th>
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<td>Fall</td>
<td>Spring</td>
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<td>Spring</td>
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<td>Chem 332</td>
<td>Chem 221, 223L</td>
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Possible BS Sequence

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<td>Chem 333, 252, 251L</td>
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<td>Chem 333, 252, 251L</td>
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