**GENERAL REQUIREMENTS**

**B.S. Chemistry with minor**

**Communications:**
- ♦#ENG 101 ___
- ♦#ENG 102 ___
- COM 101 ___

(grade of C or better):
- ♦ENG 102 ___
- COM 101 ___

**Social Science:**
- ♦HIST 103 ___
- ♦HIST 104 ___
- ♦HIST 210 ___
- HIST 211 ___

**History:**
- ♦ENG 101 ___
- ♦ENG 102 ___
- COM 101 ___

**Other Social Sciences:**
- Choose one from 3 of 4 groups
  - **Group 1**
    - GEO 205 ___
    - *GEO 206 ___
  - **Group 2**
    - POLS 101 ___
    - POLS 102 ___
    - SS 100 ___
  - **Group 3**
    - PSYC 101 ___
  - **Group 4**
    - *SOC 150 ___
    - *SOC 235 ___

**Literature:**
- (ENG prefix) ___

**Phil/Rel/For Lang**
- (choose one)
  - PHIL ___
  - REL ___
  - FL ___

**Business:**
- ♦ECON 101 ___
- ♦ECON 102 ___
- ♦GBUS 140 ___

**Fine Arts/Humanities:**
- (Choose one)
  - ♦ART 140 ___
  - ART 340 ___
  - ART 341 ___
  - ♦ART 343 ___
  - COM 203 ___
  - COM 211 ___
  - *COM 241 ___
  - COM 341 ___

**Communications:**
- ♦ENG 101 ___
- ♦ENG 102 ___
- COM 101 ___

(grade of C or better):
- ♦ENG 102 ___
- COM 101 ___

**Social Science:**
- ♦HIST 103 ___
- ♦HIST 104 ___
- ♦HIST 210 ___
- HIST 211 ___

**History:**
- ♦ENG 101 ___
- ♦ENG 102 ___
- COM 101 ___

**Other Social Sciences:**
- Choose one from 3 of 4 groups
  - **Group 1**
    - GEO 205 ___
    - *GEO 206 ___
  - **Group 2**
    - POLS 101 ___
    - POLS 102 ___
    - SS 100 ___
  - **Group 3**
    - PSYC 101 ___
  - **Group 4**
    - *SOC 150 ___
    - *SOC 235 ___

**Literature:**
- (ENG prefix) ___

**Phil/Rel/For Lang**
- (choose one)
  - PHIL ___
  - REL ___
  - FL ___

**Business:**
- ♦ECON 101 ___
- ♦ECON 102 ___
- ♦GBUS 140 ___

**Wellness/Phys Ed:**
- (4 credit hours)
  - HE 253 (2h) ___
  - Or
  - HE 250 (3h) ___
  - And
  - PE 101 ___
  - PE 102 ___

**Math:**
- (choose one)
  - MATH 102 ___
  - MATH 140 ___
  - MATH 145 ___
  - MATH 160 ___
  - MATH 210 ___

**Natural Sciences:**
- (at least one course from each of the four areas is required for graduation)
  - ♦- critical thinking
  - # - technology
  - • - international/global perspective
  - * - cultural diversity

- Life Sciences
- Choose one with lab
  - BIO 105 and BIO 106 ___
  - BIO 124 and BIO 125 ___

- Physical Sciences
- Choose one with lab
  - CHEM 100 and CHEM 101 ___
  - CHEM 111 and CHEM 112 ___
  - PHYS 101 and PHYS 110 ___
  - PHYS 190 and PHYS 191 ___

- Business:
  - ♦ECON 101 ___
  - ♦ECON 102 ___
  - ♦GBUS 140 ___
B.S. Chemistry (no minor)

Chemistry:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Requirement</th>
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<tbody>
<tr>
<td>CHEM 110</td>
<td>Chem I; F</td>
<td>__</td>
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<tr>
<td>CHEM 111</td>
<td>Chem I Lab; F</td>
<td>__</td>
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<tr>
<td>CHEM 112</td>
<td>Chem II; S</td>
<td>__</td>
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<tr>
<td>CHEM 113</td>
<td>Chem II Lab; S</td>
<td>__</td>
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<tr>
<td>CHEM 320</td>
<td>Analyt; F</td>
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<tr>
<td>CHEM 321</td>
<td>Analyt lab; F</td>
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<td>CHEM 340</td>
<td>OChem I; F</td>
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<td>CHEM 341</td>
<td>OChem Lab I; F</td>
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<tr>
<td>CHEM 342</td>
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<tr>
<td>CHEM 343</td>
<td>OChem Lab II; S</td>
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<tr>
<td>CHEM 400</td>
<td>Inorg; FO</td>
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<tr>
<td>CHEM 420</td>
<td>Inst; S</td>
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<td>CHEM 421</td>
<td>Inst Lab; S</td>
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<td>CHEM 464</td>
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<td>CHEM 465</td>
<td>PChem II Lab; FE</td>
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<td>CHEM 466</td>
<td>PChem II; SO</td>
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<td>CHEM 467</td>
<td>PChem II Lab; SO</td>
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<td>CHEM 485</td>
<td>Capstone; S</td>
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Restricted Electives: (6 hours)

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<tr>
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<td>CHEM 352</td>
<td>(BioChem; S)</td>
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<td>CHEM 358</td>
<td>Med Chem; BA</td>
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<td>CHEM 440</td>
<td>Adv Org; BA</td>
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<td>CHEM 442</td>
<td>Org Qual; BA</td>
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<td>CHEM 478</td>
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<td>CHEM 479</td>
<td>Sp Prob; BA</td>
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<td>CHEM 422</td>
<td>Adv Inst</td>
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<td>CHEM 423</td>
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Physics:

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<td>PHYS 102</td>
<td>Phys II; S</td>
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<td>PHYS 111</td>
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Math:

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<tr>
<td>MATH 210</td>
<td>Calc I; S</td>
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<tr>
<td>MATH 211</td>
<td>Calc II; F</td>
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MINOR - as chosen by student with direction from advisor, see appropriate discipline for requirements (typical minors include: Biology or Mathematics but any may be chosen)

F-fall only, S-spring only, FE-fall even only, FO-fall odd only, SE-spring even only, SO-spring odd only, BA- by arrangement