

**Chemistry Department – B.S. in Chemistry, Pre-medical concentration with Honors certificate (Revised 7/21)**

Name:	Banner ID: @	Advisor:
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grade term

**Liberal Studies requirements**

**English Composition: 6 cr**

ENGL 101 - English Composition I (3)

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ENGL 202 - English Composition II (3)

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**Humanities: 9 cr**

HIST 196 or 197 or 198 (3)

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Literature: ENGL 121 (3)

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Philosophy/Religious Studies (3): PHIL 122 or 130

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**Fine Arts: 3 cr**

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**Social Science: 9 cr (3 courses required; no prefix may be used more than once)**

PSYC 101 – Introduction to Psychology

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SOC 151 or 161 or ANTH 110 or 211

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**Dimensions of Wellness: FIN, HPED, NURS or FDNT 143 (3 cr), or MLSC 101 and 102 (4 cr)**

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**Global and Multicultural Awareness: 3 cr (the following satisfy both this requirement and Social Science requirement: ANTH 110, ANTH 211, GEOG 103, GEOG 104, PLSC 101)**

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**Writing Intensive Requirement: (one course in addition to CHEM 343 or BIOL 203)**

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**B.S. in Chemistry, Traditional concentration**

(\* indicates that the requirement has a specified course for the Honors Certificate)

**Required Chemistry Courses: 41 cr**

CHEM 111 - General Chemistry I (4)

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CHEM 112 - General Chemistry II (4)

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CHEM 231 - Organic Chemistry I (4)

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CHEM 332 - Organic Chemistry II (4)

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CHEM 290 - Chemistry Seminar I (1)

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CHEM 314 - Inorganic Chemistry (4)

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CHEM 325 - Analytical Chemistry (4) \_\_\_\_\_

CHEM 341 - Physical Chemistry (4) \_\_\_\_\_

CHEM 390 - Chemistry Seminar II (1) \_\_\_\_\_

CHEM 442 – Advanced Physical Chemistry (3) \_\_\_\_\_

CHEM 498 – Problems in Chemistry (2) \_\_\_\_\_

BIOC 301 and 302 **or** CHEM 351 and BIOC 311 (6) \_\_\_\_\_

**Additional Requirements: 33 cr**

BIOL 202 (4) \_\_\_\_\_

BIOL 203 (4) \_\_\_\_\_

MATH 125 – Calculus I (3) \_\_\_\_\_

MATH 126 – Calculus II (3) \_\_\_\_\_

MATH 216 (3) \_\_\_\_\_

PHYS 131 – Physics I (3) \_\_\_\_\_

PHYS 141 – Physics I lab (1) \_\_\_\_\_

PHYS 132 – Physics II (3) \_\_\_\_\_

PHYS 142 – Physics II lab (1) \_\_\_\_\_

Controlled electives: at least 8 credits from BIOL 150, 240, 241, MATH 225\*, or any additional BIOC, BIOL or CHEM course at the 300-level or above

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**Graduation**

	credits earned	credits scheduled	total (min. 120)	QPA
in major				
overall				