

**Chemistry Department – B.S. in Chemistry, Chemistry Education concentration**  
 (Revised 7/21)

Name:	Banner ID: @	Advisor:
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	grade	term
<b>Liberal Studies requirements</b>		
<b>English Composition: 6 cr</b>		
ENGL 101- English Composition I (3)	_____	_____
ENGL 202- English Composition II (3)	_____	_____
<b>Humanities: 9 cr</b>		
HIST 196 or 197 or 198 (3)	_____	_____
Literature: ENGL 121(3)	_____	_____
Philosophy/Religious Studies(3): _____	_____	_____
<b>Fine Arts: 3 cr</b>		
_____	_____	_____
<b>Social Science: 9 cr(3 courses required; no prefix may be used more than once)</b>		
_____	_____	_____
_____	_____	_____
_____	_____	_____
<b>Dimensions of Wellness: FIN, HPED, NURS or FDNT 143 (3 cr) or MLSC 101 and 102 (4 cr)</b>		
_____	_____	_____
<b>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)</b>		
_____	_____	_____
<b>Writing Intensive Requirement: (one course in addition to CHEM 343 or BIOL 203)</b>		
_____	_____	_____

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

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

**Required Chemistry Courses: 34-35 cr**

CHEM 111 -General Chemistry(4)	_____	_____
CHEM 112 -General Chemistry (4)	_____	_____
CHEM 231 -Organic Chemistry (4)	_____	_____
CHEM 332 -Organic Chemistry II(4)	_____	_____
CHEM 290 -Chemistry Seminar I (1)	_____	_____
CHEM 314 -Inorganic Chemistry (4)	_____	_____

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

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

CHEM 343 -Physical Chemistry lab (1) \_\_\_\_\_

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

BIOC 301 or CHEM 351 (3) \_\_\_\_\_

**Additional Requirements: 22-24 cr**

BIOL 201 or 202 (4) \_\_\_\_\_

GEOS 201 (4) \_\_\_\_\_

MATH 121 or 125 – Calculus I (3) \_\_\_\_\_

MATH 122 or 126 – Calculus (3-4) \_\_\_\_\_

PHYS 111 or 131 – Physics(3) \_\_\_\_\_

PHYS 121 or 141 – Physicslab (1) \_\_\_\_\_

PHYS 112 or 132 – Physics(B) \_\_\_\_\_

PHYS 122 or 142 – Physicslab (1) \_\_\_\_\_

**Education sequence: 24-31 cr**

ACE 103 – Digital Instructional Tech. (3) \_\_\_\_\_

EDSP 102 – Educational Psychology (3) \_\_\_\_\_

EDEX 301 – Ed. of Students with Disabilities (2) \_\_\_\_\_

EDEX 323 –Instruction with Special Needs (2) \_\_\_\_\_

EDSP 477 – Assessment of Student Learning (3) \_\_\_\_\_

EDUC 242 – Prestudent Teaching I (1) \_\_\_\_\_

EDUC 342 – Prestudent Teaching II (1) \_\_\_\_\_

EDUC 441 – Student Teaching(1) \_\_\_\_\_

EDUC 442 – School Law (1) \_\_\_\_\_

EDUC 451 – Teaching Science in the Secondary School (3) \_\_\_\_\_

**Graduation**

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