

Chemistry Department – B.S. in Chemistry, Traditional concentration (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)	_____	_____
ENGL 202 - English Composition II (3)	_____	_____
Humanities: 9 cr		
HIST 196 or 197 or 198 (3)	_____	_____
Literature: ENGL 121 (3)	_____	_____
Philosophy/Religious Studies (3): _____	_____	_____
Fine Arts: 3 cr		
_____	_____	_____
Social Science: 9 cr (3 courses required; no prefix may be used more than once)		
_____	_____	_____
_____	_____	_____
_____	_____	_____
Dimensions of Wellness: FIN, HPED, NURS or FDNT 143 (3 cr), or MLSC 101 and 102 (4 cr)		
_____	_____	_____
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)		
_____	_____	_____
Writing Intensive Requirement: (one course in addition to CHEM 343 or BIOL 203)		
_____	_____	_____
B.S. in Chemistry, Traditional concentration		
(* indicates that the requirement has a specified course for the Honors Certificate)		
Required Chemistry Courses: 49 cr		
CHEM 111 - General Chemistry I (4)	_____	_____
CHEM 112 - General Chemistry II (4)	_____	_____
CHEM 231 - Organic Chemistry I (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 II (1) _____

CHEM 401 - Advanced Lab (4) _____

CHEM 498 – Problems in Chemistry (2) _____

BIOC 301 – Fundamentals of Biochemistry (3) _____

Chemistry Electives (9, three 400-level courses, CHEM 442 required for Honors Certificate)

Additional Requirements: 24-26 cr

BIOL 201 or 202 (4) _____

MATH 121 or 125* – Calculus I (3-4) _____

MATH 122 or 126* – Calculus II (3-4) _____

MATH elective (3, MATH 171, 216, 225*, 341, 342, 343)

controlled elective (3, COSC 110, GEOS 201, BIOL 200 or above, additional MATH course from above)

PHYS 111 or 131* – Physics I (3) _____

PHYS 121 or 141* – Physics I lab (1) _____

PHYS 112 or 132* – Physics II (3) _____

PHYS 122 or 142* – Physics II lab (1) _____

Graduation

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

Qualifies for Honors Certificate? Yes _____ No _____