

Chemistry Department – B.S. in Chemistry, Applied 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, Applied concentration		
(* indicates that the requirement has a specified course for the Honors Certificate)		
Required Chemistry Courses: 41-42 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) _____

BIOC 301 or CHEM 351 (3-4) _____

Chemistry Electives (3, one 400-level CHEM or BIOC course) _____

Additional Requirements: 18-20 cr

BIOL 201 or 202 (4) _____

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

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

PHYS 111 or 131 – Physics I (3) _____

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

PHYS 112 or 132 – Physics I (3) _____

PHYS 122 or 142 – Physics I lab (1) _____

Minor or Customized Program: 12-18 cr

Graduation

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