

Chemistry Department – B.S. in Biochemistry (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 BIOL 203)		
_____	_____	_____
B.S. in Biochemistry		
(* indicates that the requirement has a specified course for the Honors Certificate)		
Required Chemistry Courses: 41 cr		
BIOC 290 – Biochemistry Seminar I (1)	_____	_____
BIOC 301 – Foundations of Biochemistry (3)	_____	_____
BIOC 311 – Biochemistry Laboratory I (2)	_____	_____
BIOC 402 – Advanced Biochemistry (3)	_____	_____
BIOC 412 – Biochemistry Laboratory II (2)	_____	_____
BIOC 480 – Biochemistry Seminar II (1)	_____	_____

BIOC 482 – Ind. Research in Biochemistry (2) _____

one additional BIOC course at the 400-level (3) _____

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 325 - Analytical Chemistry (4) _____

CHEM 314 or 341* (4) _____

Additional Requirements: 30-31 cr

BIOL 202 (4) _____

BIOL 203 (4) _____

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

MATH 216 (3) _____

controlled electives (at least 8cr, MATH 122, 126*, 171, 225 or 341, BIOL 241 or any additional BIOC, BIOL or CHEM course at the 300-level or 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 ACS certification? Yes _____ No _____

(requires CHEM 314, 341 and MATH 122 or 126)