

Chemistry Department – B.S. in Chemistry, Traditional concentration, 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)

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, Honors concentration

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 442 – Advanced Physical Chemistry (3)	_____	_____
CHEM 498 – Problems in Chemistry (2)	_____	_____
BIOC 301 – Fundamentals of Biochemistry (3)	_____	_____
Chemistry Electives (6, two 400-level CHEM or BIOC courses)	_____	_____
	_____	_____

Additional Requirements: 24 cr

BIOL 201 or 202 (4)	_____	_____
MATH 125 – Calculus I (3)	_____	_____
MATH 126 – Calculus II (3)	_____	_____
MATH 225 – Calculus III (3)	_____	_____
controlled elective (3, COSC 110, GEOS 201, BIOL 200-level or above, MATH 171, MATH 300-level or above)	_____	_____
PHYS 131 – Physics I (3)	_____	_____
PHYS 141 – Physics I lab (1)	_____	_____
PHYS 132 – Physics II (3)	_____	_____
PHYS 142 – Physics II lab (1)	_____	_____

Graduation

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