

BS in Biochemistry Checklist (Revised 6/18)

Name:	Banner ID: @	Advisor:
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LIBERAL STUDIES COURSES

English Composition: 6 cr

ENGL 101 Composition I	3		
ENGL 202 Composition II	3		

Humanities: 9 cr (3 courses required; 1 in history, 1 in literature, 1 in philosophy or religious studies)

HIST 196 or 197 or 198	3		
Literature: ENGL 121	3		
Philosophy/Religious Studies:	3		

Fine Arts: 3 cr

	3		
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Social Science: 9 cr (3 courses required; no prefix may be used more than once)

Dimensions of Wellness: 3-4 cr

1 or 2 courses:

ECON, FCSE, FDNT, KHSS or NURS 143 (3 cr)

Alternate: MLSC 101 and 102 (4 cr)

Global and Multicultural Awareness: 0-3 cr (the following satisfy both this requirement and Social Science requirement: ANTH 110, ANTH 211, GEOG 103, GEOG 104, PLSC 101, RGPL 103)

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Mathematics: 3 cr

MATH 125 Calculus I	3		
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Liberal Studies electives: 3 cr

MATH 126 Calculus II	3		
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Natural Science: 8 cr

PHYS 131 Physics I-C Lecture	3		
PHYS 141 Physics I-C Lab	1		
PHYS 132 Physics II-C Lecture	3		
PHYS 142 Physics II-C Lab	1		

MAJOR COURSES

Required Courses: 54 cr

BIOC 301 Foundations of Biochem.	3		
BIOC 311 Biochemistry Laboratory I	1		
BIOC 401 Lab Method Biol & Biotech	3		
BIOC 402 Advanced Biochemistry	3		
BIOC 412 Biochemistry Laboratory II	1		
BIOC 480 Biochemistry Seminar I	1		
BIOC 481 Special Topics in Biochem	3		
BIOC 482 Independent Res Biochem	2		
BIOC 490 Biochemistry Seminar II	1		
BIOL 202 Princ Cell Molec Biology	4		
BIOL 203 Princ Genetics & Devel	4		
BIOL 250 Principles of Microbiology	4		
CHEM 111 or 113 General Chemistry I	4		
CHEM 112 or 114 General Chemistry II	4		
CHEM 231 Organic Chemistry I	4		
CHEM 325 Analytical Chemistry I	4		
CHEM 332 Organic Chemistry II	4		
CHEM 341 Physical Chemistry I	4		

Controlled Electives: 6-8 cr***

2 courses from any 300- or 400- level
BIOC/BIOL/CHEM courses or CHEM 314 or
MATH 216, MATH 225 or COSC 110

CHEM 314, Intermediate Inorganic Chemistry
must be included to qualify for an ACS-
certified degree.

FREE ELECTIVES

sufficient to reach 120 total cr

Graduation Requirements Summary

Must have at least 120 cr and QPA of 2.0 or
above in major courses and overall.

Credits	In Major	Overall
Total Earned		
Final Semester		
Total (120 required)		
QPA		

_____ Check if qualified for ACS-certified degree