

**B.S. in BIOCHEMISTRY CHECKLIST**  
(Revised March 2014)

Student \_\_\_\_\_

Advisor \_\_\_\_\_

<b>BIOCHEMISTRY and SCIENCE COURSES (60 cr)</b>				<b>Planned</b>	<b>Taken</b>	<b>Grade</b>
<b>Biochemistry Core Courses (18 cr)</b>						
BIOC	301	Biochemistry I	3cr			
BIOC	311	Biochemistry Laboratory I	1cr			
BIOC	302	Biochemistry II	3cr			
BIOC	312	Biochemistry Laboratory II	1 cr			
BIOC	401	Lab Methods in Biology and Biotechnology	3 cr			
BIOC	481	Special Topics in Biochemistry	3 cr			
BIOC	482	Independent Research in Biochemistry	2 cr			
BIOC	480	Biochemistry Seminar I (writing intensive)	1 cr			
BIOC	490	Biochemistry Seminar I (writing intensive)	1 cr			
		<b>BIOC 480 and 490 together count as one writing intensive course</b>				
<b>Chemistry Courses (23 cr)*</b>						
CHEM	113	Concepts in Chemistry I	4 cr			
CHEM	114	Concepts in Chemistry II	4 cr			
CHEM	231	Organic Chemistry I	4 cr			
CHEM	232	Organic Chemistry II	4 cr			
CHEM	325	Analytical Methods	4 cr			
CHEM	341	Physical Chemistry for Biological Sciences	3 cr			
<b>Biology Courses (10 cr)</b>						
BIOL	202	Principles of Biology II- Cell and Mol. Biol.	4 cr			
BIOL	250	Principles of Microbiology	3 cr			
BIOL	203	Principles of Biology III- Genetics and Development (writing intensive)	4 cr			
<b>Additional Science Courses (9 cr)</b>						
<b>Three additional courses chosen from any 300- 400 level BIOL or CHEM courses or MATH 216 or MATH 225 or COSC 110 (minimum total of 6 cr)</b>			6 cr			
<b>LIBERAL STUDIES REQUIREMENTS (47-48 cr)</b>				<b>Planned</b>	<b>Taken</b>	<b>Grade</b>
<b>Learning Skills: English Composition (6 cr)</b>						
ENGL	101	English Composition I	3cr			
ENGL	202	English Composition II	3cr			
<b>Knowledge Areas – Humanities (9 cr)</b>						
HIST			3cr			
PHIL/RLST			3cr			
ENGL	121	Humanities: Literature	3cr			
<b>Knowledge Areas – Fine Arts (3 cr)</b>						
			3cr			
<b>Knowledge Areas – Dimensions of Wellness (3-4 cr)</b>						
		FNDT 143; HPED 142; NURS 143 <i>or</i>	3cr			
MLSC	101	Intro. to Military Science & Lab	2cr			
MLSC	102	Fundamentals of Military Sci. & Lab	2cr			
<b>Knowledge Areas – Social Sciences (9 cr)</b>						
			3cr			

