

B.S. Chemistry, Biochemistry Emphasis  
4-Year Plan Sheet  
(Students who begin in 2013 - 2014)

***Check degree audit for Christian Service requirements.***

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
<i>Freshman Year</i>			
_____ CHEM 151: Gen. Chem. I	4	_____ CHEM 152: Gen. Chem. II	4
_____ BIOL 151: Gen. Biol. I	4	_____ BIOL 152: Gen. Biol. II	4
_____ ENGL 101: College Comp. I	3	_____ ENGL 102: College Comp. II	3
_____ NOND 101: Southern Conn.	1	_____ CPTC 100: Comp. Concepts	1
_____ PEAC 125: Fit. Coll. Life	1	_____ Religion (Area R)	<u>3</u>
_____ History (Area I-3)	<u>3</u>		<u>15</u>
	16		
<i>Sophomore Year</i>			
_____ CHEM 311: Org. Chem. I	4	_____ CHEM 312: Org. Chem. II	4
_____ BIOL 311: Genetics	4	_____ CHEM 315: Quant. Anal.	4
_____ COMM 135: Int. Pub. Spk.	3	_____ MATH 191: Calculus I	4
_____ Health Science (Area P-2)	2	_____ Physical Activity (P-1)	1
_____ Religion (Area R)	<u>3</u>	_____ Econ. & Business (Area I-5)	<u>3</u>
	16		16
<i>Junior Year</i>			
_____ CHEM 361: Biochem. I	4	_____ CHEM 362: Biochem. II	3
_____ PHYS 211: Gen. Physics I	3	_____ CHEM 363: Biochem. Lab	1
_____ PHYS 213: G. Physics Lab I	1	_____ CHEM 385: Chem. Sem.	1
_____ Physical Act. (Area P-1)	1	_____ PHYS 212: Gen. Physics II	3
_____ Pers/Soc Develop (Area S-2)	3	_____ PHYS 214: G. Physics Lab II	1
_____ Computer Skills (Area I-2)	1	_____ Religion (Area R)	<u>3</u>
_____ Civilization (Area I-3)	<u>3</u>		<u>15</u>
	16		
<i>Senior Year</i>			
_____ CHEM 411: P. Chem. I	4	_____ CHEM 425: Adv. O. Chem. <sup>2</sup>	3
_____ CHEM 497: Intro. Res.	1	_____ MATH 192: Calculus II <sup>3</sup>	4
_____ BIOL 340, 412, or 418 <sup>1</sup>	3-4	_____ UD Religion (Area R)	3
_____ Computer Skills (Area I-2)	1	_____ PEAC 425: Fit for Hire	1
_____ Electives	<u>5</u>	_____ Aesth. Develop. (Area S-3)	3
	14-15	_____ Electives	<u>2</u>
			16

<sup>1</sup>One or more of these classes may be taught during winter semester; check with your adviser.

<sup>2</sup>CHEM 425 would count as your chemistry elective; this may be replaced with a different course offered during your junior or senior year such as CHEM 321, 415, or 435.

<sup>3</sup>To meet the recommendations of the American Society for Biochemistry and Molecular Biology and the American Chemical Society, MATH 192 must be taken. However, MATH 215: Statistics may be taken to fulfill the requirements for the degree.