

B.S. Chemistry, Biochemistry Emphasis
4-Year Plan Sheet
(Students who begin in 2014 - 2015)

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

¹CHEM 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.

²One or more of these classes may be taught during winter semester; check with your adviser.

³To 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.