

B.A. Chemistry  
4-year Plan Sheet  
(Students who begin in 2015-2016)

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

**Freshman Year**

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
_____ CHEM 151: Gen. Chem. I	4	_____ CHEM 152: Gen. Chem. II	4
_____ MATH 120: Precal. Alg. <sup>1</sup>	3	_____ MATH 121: Precal. Trig. <sup>1</sup>	2
_____ ENGL 101: College Comp. I	3	_____ ENGL 102: College Comp. II	3
_____ NOND 101: Southern Conn.	1	_____ RELB 125 <b>or</b> RELT 177 (R-1)	3
_____ PEAC 125: Fitness for Coll. Life	1	_____ Minor	<u>4</u>
_____ Minor	<u>4</u>		
	16		16

**Sophomore Year**

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
_____ CHEM 311: Org. Chem. I	4	_____ CHEM 312: Org. Chem. II	4
_____ MATH 191: Calculus I	4	_____ CHEM 315: Quant. Analysis	4
_____ COMM 135: Intro. Pub. Speak.	3	_____ MATH 192: Calculus II <b>or</b>	
_____ Personal/Social Adj. (S-2)	3	_____ MATH 215: Statistics	3-4
_____ Computer Skills (I-2-c)	<u>2</u>	_____ RELT 138, 225, <b>or</b> 255 (R-2)	3
		_____ Physical Activity (P-1-b)	<u>1</u>
	16		15-16

**Junior Year**

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
_____ U.D. CHEM elective <sup>2</sup>	4	_____ CHEM 385: Chemistry Seminar	1
_____ PHYS 211: Gen. Physics I <sup>3</sup>	3	_____ PHYS 211: Gen. Physics II <sup>3</sup>	3
_____ PHYS 213: Gen. Physics I Lab <sup>3</sup>	1	_____ PHYS 213: Gen. Physics II Lab <sup>3</sup>	1
_____ Minor	3	_____ Biblical Studies (R-3)	3
_____ Language (if needed) (I-3-c)	3	_____ Language (if needed) (I-3-c)	3
_____ Physical Activity (P-1-b)	<u>1</u>	_____ U.D. Minor	<u>4</u>
	15		15

**Senior Year**

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
_____ CHEM 411: Phys. Chem. I (W)	4	_____ PEAC 425: Fit for Hire	1
_____ CHEM 497: Intro. Research (W)	1	_____ Econ. & Bus. Basics (I-5)	3
_____ U.D. Minor	3	_____ U.D. Religion (W)	3
_____ Computer Concepts (I-2-b)	1	_____ Aesth./Skills Dev. (S-3)	3
_____ U.D. Aesth./Skills Dev. (S-3)	3	_____ Health Science (P-2)	2
_____ History (I-3-a)	<u>3</u>	_____ U.D. Electives	<u>4</u>
	15		16

<sup>1</sup>If you have already taken precalculus algebra, MATH 191 (Calculus I) may be taken fall semester. Talk to your advisor regarding the math course for winter semester.

<sup>2</sup>CHEM Elective: Check with your advisor to determine which chemistry courses will be offered during your junior and senior years. Physical Chem. II and Inorganic Chem. will be offered **every other year** during the same winter semester, while Instr. Analysis and Adv. Org. Chem. will be offered **every other year** in the alternate fall and winter semester. If you wish to take Biochemistry I as your elective, it is offered during the fall semester **every year**.

<sup>3</sup>PHYS 221-224 may be substituted.