

B.A. Chemistry, Teaching Certification  
4-Year Plan Sheet  
(Students who begin in 2013 - 2014)

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

Summer: \_\_\_\_\_ MATH 120: Precal. Alg. 3 (if needed)

<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	_____ MATH 121: Precal. Trig.	2
_____ ENGL 101: College Comp. I	3	_____ ENGL 102: College Comp. II	3
_____ NOND 101: Southern Conn.	1	_____ EDUC 138: Intro. Sec. Ed.	3
_____ RELB 125: Life & Teach.	<u>3</u>	_____ PEAC 125: Fitness for Coll. Life	1
	15	_____ PSYC 128: Dev. Psych. <sup>1</sup>	<u>3</u>
			16

Summer: \_\_\_\_\_ History (Area I-3) 3

*Sophomore Year*

_____ CHEM 311: Org. Chem. I	4	_____ CHEM 312: Org. Chem. II	4
_____ MATH 191: Calculus I	4	_____ CHEM 315: Quant. Anal.	4
_____ COMM 135: Intr. Pub. Spk.	3	_____ EDUC 338: Found. Inc. Ed.	3
_____ PHYS 155: Descrip. Astron. <sup>2</sup>	3	_____ RELT 138: Adv. Heritage	3
_____ Physical Act. (Area P-1)	<u>1</u>	_____ Civ. & Global Per. (Area I-3) <sup>3</sup>	<u>3</u>
	15		17

Summer: \_\_\_\_\_ PHYS 211-214: General Physics I & II (with lab)<sup>4</sup> 8

*Junior Year*

_____ CHEM 411: P. Chem. I	4	_____ CHEM 385: Chem. Seminar	1
_____ EDUC 341: Gen. Meth. Ass.	3	_____ MATH 215: Statistics <sup>5</sup>	3
_____ EDUC 342: Curr. Methods	2	_____ EDUC 319: Tech. in Ed.	3
_____ EDUC 343: Class. Mngt	3	_____ EDUC 419: Phil. Christ. Ed. (W)	2
_____ EDUC 434: Read. Content	2	_____ RELT 255: Christian Beliefs	3
_____ Physical Act. (Area P-1)	<u>1</u>	_____ Literature (S-3)	<u>3</u>
	15		16

*Senior Year*

_____ CHEM 361: Biochem. I	4	_____ PEAC 425: Fit for Hire	1
_____ CHEM 497: Intro. Res.	1	_____ EDUC 472: Stud. Teach.	10
_____ HLED 173: Health Life (P-2)	2	_____ EDUC 464: Teach. Sem.	<u>2</u>
_____ RELT 317: Issues in Phy.Sci.	3		13
_____ Aesth. Develop. (Area S-3)	3		
_____ Econ. & Business (Area I-5)	<u>3</u>		
	16		

<sup>1</sup>EDUC 220 (Growth Years) may be substituted.

<sup>2</sup>ERSC 105 (Earth Science) may be substituted. It is important to note that PHYS 155 would count towards a physics minor, while ERSC 105 will not.

<sup>3</sup>May need 6 hrs. elementary foreign language if not 2 yrs in high school.

<sup>4</sup>Not offered at SAU during this summer session.

<sup>5</sup>MATH 192 (Calculus II) may be substituted. This is a 4 credit course.