

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

Check degree audit for Christian Service requirements.

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

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
_____ BIOL 151: Gen. Bio. I	4	_____ MATH 121: Precal. Trig. ¹	2
_____ ENGL 101: College Comp. I	3	_____ ENGL 102: College Comp. II	3
_____ NOND 101: Southern Conn.	1	_____ EDUC 138 Intro. to Sec. Ed.	3
_____ RELB 125: Life & Teach.	<u>3</u>	_____ PEAC 125: Fitness for Coll. Life	1
		_____ PSYC 128: Dev. Psych.	<u>3</u>
	15		<u>16</u>

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	_____ EDUC 338: Found. Inc. Ed.	3
_____ History (I-3-a)	3	_____ RELT 138: Adv. Heritage	3
_____ Physical Activity (P-1-b)	<u>1</u>	_____ Civil. & Global Persp. (I-3) ²	<u>3</u>
	15		<u>17</u>

Summer: _____ PHYS 211-214: Gen. Physics I & II (with lab)³ 8

Junior Year

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
_____ CHEM 361: Biochem. I	4	_____ CHEM 385: Chemistry Seminar	1
_____ EDUC 341: Gen. Meth. Assess.	3	_____ CHEM 363: Biochem. Lab	1
_____ EDUC 342: Curr. Cont. Meth.	2	_____ MATH 215: Statistics ⁴	3
_____ EDUC 343: Learn. Class. Mgmt.	3	_____ EDUC 319: Tech. in Education	3
_____ EDUC 434: Read. & Write Cont.	2	_____ EDUC 419: Phil. Christ. Ed. (W)	3
_____ Physical Activity (P-1-b)	<u>1</u>	_____ RELT 255: Christian Beliefs	3
		_____ Literature (S-3)	<u>3</u>
	15		<u>17</u>

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	_____ EDUC 472: Stud. Teach. 7-12	10
_____ HLED 173: Health for Life (P-2)	2	_____ EDUC 464: Teach. Seminar	<u>2</u>
_____ RELT 317: Issues in Phys. Sci.	3		
_____ Econ. & Bus. Basics (I-5)	3		
_____ Aesth./Skills Dev. (S-3)	<u>3</u>		
	16		13

¹elective

²May need 6 hours elementary foreign language if 2 year language not taken in high school.

³PHYS 221-224 **may not** be offered at SAU during this summer session.

⁴MATH 192 (Calculus II) may be substituted. This is a 4-credit hour course.