

B.A. Chemistry, Teaching Licensure 6-12
4-year Plan Sheet
(Students who begin in 2019-2020)

Check degree audit for Christian Service requirements.

May also need 6 hours elementary foreign language if 2 years of language not taken in high school.

Summer: _____ MATH 120: Precal. Alg.¹ **3**

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	3	_____ ENGL 102	3
_____ NOND 101: Southern Conn.	1	_____ EDUC 138: Intro. to Sec. Ed.	3
_____ RELB 125: Life & Teach. (R-1)	3	_____ PEAC 125: Fitness for Coll. Life	1
	<hr/>	_____ PSYC 128: Dev. Psych. (IN-8)	3
	15		<hr/> 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: Comm. Pub. Speak.	3	_____ EDUC 338: Found. Inc. Ed.	3
_____ Historical Perspectives (IN-6)	3	_____ RELT 138: Adv. Heritage (R-2)	3
_____ Physical Activity (P-1b)	1	_____ CPTC 100: Comp. Conc. (IN-5)	1
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	15		15

Summer: _____ PHYS 211-214: Gen. Physics I & II (with lab)² **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 (IN-4)	3
_____ EDUC 343: Learn. Class. Mgmt.	3	_____ EDUC 317: Teaching with Tech.	2
_____ EDUC 434: Read. & Write Cont.	2	_____ EDUC 419: Phil. Christ. Ed. (W)	3
_____ HLED 173: Health for Life	2	_____ RELT 255: Christian Beliefs	3
	<hr/>	_____ Physical Activity (P-1b)	1
	16		<hr/> 14

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 496: Intro. Research (W)	1	_____ EDUC 472: Student Teach. Sec.	10
_____ CHEM 498: Research in Chem.	1	_____ EDUC 464: Teach. Seminar	2
_____ RELT 317: Iss. Phys. Sci. (R-4)	3		
_____ Steward., Bus, & Econ. (IN-9)	3		
_____ Aesthetic Analysis (IN-10)	3		
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	15		13

¹prerequisite for MATH 191 if needed

²PHYS 211-214 **may not** be offered at SAU during this summer session. PHYS 221-224 may be substituted.