

B.A. Chemistry, Teaching Licensure 6-12
4-year Plan Sheet
(Students who begin in 2024-2025)

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: _____ RELB 125: Life & Teachings of Jesus (R-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 123: Precalculus II ¹	2
_____ MATH 122: Precalculus I ¹	3	_____ EDUC 138: Intr./Found. Sec. Ed.	3
_____ ENGL 101	3	_____ ENGL 102	3
_____ CPTC 100: Comp. Conc. (IN-5)	1	_____ PEAC 125: Fitness for Coll. Life	1
_____ NOND 101: Southern Conn.	1	_____ PSYC 128: Dev. Psych. (IN-8)	3
	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
_____ EDUC 253: Resp. Teaching	1	_____ EDUC 201: Teach. Ed. Candid.	0
_____ COMM 135: Comm. Pub. Speak.	3	_____ EDUC 317: Teaching with Tech.	2
_____ Historical Perspectives (IN-6)	3	_____ RELT 138: Adv. Heritage (R-2)	3
_____ Physical Activity (P-1b)	1	_____ HLED 173: Health for Life	2
	16		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 363: Biochem. Lab	1
_____ MATH 215: Statistics (IN-4)	3	_____ CHEM 385: Chemistry Seminar	1
_____ EDUC 342: Curr. Cont. Meth.	2	_____ EDUC 252: Praxis Preparation	0
_____ EDUC 419: Phil. Christ. Ed. (W)	3	_____ EDUC 434: Read. & Write Cont.	2
_____ RELT 255: Christian Beliefs	3	_____ RELT 317: Iss. Phys. Sci. (R-4)	3
_____ Physical Activity (P-1b)	1	_____ Steward., Bus., & Econ. (IN-9)	3
	16	_____ Aesthetic Analysis (IN-10)	3
			13

Senior Year

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
_____ CHEM 411: Phys. Chem. I (W)	4	_____ EDUC 464: Teach. Seminar	2
_____ CHEM 496: Intro. Research (W)	1	_____ EDUC 472: Student Teach. Sec.	10
_____ CHEM 498: Research in Chem.	1	_____ PEAC 425: Fit for Hire	1
_____ EDUC 345: Learn. Class. Mgmt.	2		
_____ EDUC 346: Field Exp. Sec. Ed.	2		
_____ EDUC 347: Assess. & Diff.	2		
_____ EDUC 348: Sec. Inst. Methods	2		
	14		13

¹Prerequisite for MATH 191 if needed. MATH 125 (4 credits) may be substituted for MATH 122 & MATH 123.

²PHYS 211-214 **may not** be offered at SAU during this summer session. PHYS 221-224 may be substituted for degree requirements, but is not offered during the summer.