

B.S. Chemistry
4-year Plan Sheet
(Students who begin in 2019-2020)

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 191: Calculus I ¹	4	_____ MATH 192: Calculus II	4
_____ ENGL 101	3	_____ ENGL 102	3
_____ NOND 101: Southern Conn.	1	_____ Historical Perspectives (IN-6)	3
_____ PEAC 125: Fitness for Coll. Life	1	_____ CPTC 100: Comp. Conc. (IN-5)	1
_____ RELB 125 or RELT 177 (R-1)	3		
	16		15

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
_____ PHYS 221: Univ. Physics I	4	_____ MATH 315: Diff. Equations	3
_____ PHYS 223: Univ. Physics I Lab	1	_____ PHYS 222: Univ. Physics II	4
_____ COMM 135: Comm. Pub. Speak.	3	_____ PHYS 224: Univ. Physics II Lab	1
_____ Physical Activity (P-1b)	1	_____ Aesthetic Analysis (IN-10)	3
_____ RELT 138, 225, or 255 (R-2)	3		
	16		15

Junior Year

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
_____ CHEM 411: Phys. Chem. I (W)	4	_____ CHEM 315: Quant. Analysis	4
_____ CHEM 361: Biochemistry I	4	_____ CHEM 415: Phys. Chem. II ²	3
_____ MATH 215: Statistics (IN-4)	3	_____ CHEM 435: Inorganic Chem. ²	4
_____ Steward., Bus. & Econ. (IN-9)	3	_____ Bibl. Stud. (not RELB 125) (R-3)	3
_____ Electives	2	_____ Physical Activity (P-1b)	1
	16		15

Senior Year

<u>Fall Semester</u>	<u>Hours</u>	<u>Winter Semester</u>	<u>Hours</u>
_____ CHEM 321: Instr. Analysis ²	4	_____ CHEM 385: Chemistry Seminar	1
_____ CHEM 496: Intro. Research (W)	1	_____ U.D. Religion (W) (R-4)	3
_____ CHEM 498: Research in Chem.	1	_____ Electives	12
_____ PEAC 425: Fit for Hire	1		
_____ PSYC 128 or SOCI 125 (IN-8)	3		
_____ Electives	5		
	15		16

¹ MATH 191 (Calculus I) may be taken if you have already taken Precalculus Algebra and Trigonometry at the college level or have a math ACT score of 24 or higher. Talk to your advisor regarding the math course for this semester.

²This upper-division chemistry course is offered in alternate years; the student should plan accordingly.