

B.A. Chemistry, Teaching Licensure 6-12⁺

2020-2021 Sample Course Schedule — *This is a recommended schedule and may be altered as needed. Consult your adviser when making changes. See degree audit for Christian Service requirements.*

SUMMER

RELB 125 Life & Teachings of Jesus (R-1) 3

FALL

FIRST YEAR

CHEM 151 General Chemistry I 4
 BIOL 151 General Biology 4
 ENGL 101 Critical Think in Ac Rdg & Wrtg I 3
 MATH 120 Precalculus Alg (Pre-req for MATH 121) 3
 NOND 101 Southern Connections 1
15

WINTER

CHEM 152 General Chemistry II 4
 MATH 121 Precalculus Trig (Pre-req for MATH 191) 2
 ENGL 102 Critical Think in Ac Rdg & Wrtg II 3
 EDUC 138 Intro to & Foundations/Secondary Education 3
 PEAC 125 Fitness for Collegiate Life 1
 PSYC 128 Developmental Psychology (IN-8) 3
16

SECOND YEAR

CHEM 311 Organic Chemistry I 4
 MATH 191 Calculus I 4
 COMM 135 Comm. & Public Speaking 3
 Historical Perspectives (IN-6) 3
 Physical Activity (P-1b) 1
15

CHEM 312 Organic Chemistry II 4
 CHEM 315 Quantitative Analysis 4
 EDUC 201 Teacher Education Candidacy 0
 EDUC 338 Foundations of Inclusive Education (SERV2) 3
 RELT 138 Adventist Heritage (R-2) 3
 CPTC 100 Computer Concepts (IN-5) 1
15

SUMMER

PHYS 211-214 General Physics I & II (with lab)^** 8

THIRD YEAR

CHEM 361 Biochemistry I 4
 EDUC 341 General Methods & Assessment 3
 EDUC 342 Curriculum Content Methods-Secondary 2
 EDUC 343 Learning Theories & Class. Mngt 3
 EDUC 434 Read & Writing in Content Areas 2
 HLED 173 Health for Life 2
16

CHEM 385 Chemistry Seminar 1
 CHEM 363 Biochemistry Laboratory 1
 MATH 215 Statistics (IN-4) 3
 EDUC 317 Teaching with Technology 2
 EDUC 419 Phil. & Ldrshp in Christ. Ed. (W) (SERV2) 3
 RELT 255 Christian Beliefs 3
 Physical Activity (P-1b) 1
14

FOURTH YEAR

CHEM 411 Physical Chemistry I (W) 4
 CHEM 496 Introduction to Research (W) 1
 CHEM 498 Research in Chemistry 1
 RELT 317 Issues in Phy. Science (R-4) 3
 Stewardship, Business, & Econ (IN-9) 3
 Aesthetic Analysis (IN-10) 3
15

PEAC 425 Fit for Hire 1
 EDUC 472 Enhanced Student Teaching Sec. (SERV2) 10
 EDUC 464 Teaching Seminar 2
13

TOTAL HOURS

130

⁺Eligible for SDA General Science endorsement with which they can teach all sciences for secondary.

May need 6 hrs. elementary foreign language if not 2 yrs in high school.

[^] PHYS 211-214 may not be offered at SAU during this summer session.

******May substitute PHYS 221/223 & PHYS 222/224.