

SCHREINER UNIVERSITY

Bachelor of Science

Chemistry-Biochemistry track

Sample Four Year Plan beginning Fall 2019

This curriculum guide intended for use in coordination with corresponding degree plan and course rotation.

Total Credits 120

Fall Semester 1

BIOL 1301/1102 Concepts of Biological Science	4
CHEM 1301/1101 General Chemistry	4
ENGL 1301 Rhetoric and Composition	3
IDST 1301 Freshman Studies	3
MATH 2422 Calculus I	4
<i>Credits</i>	18

Spring Semester 1

CHEM 1302/1102 General Chemistry II	4
ENGL 1302 Literature and Composition	3
MATH 2423 Calculus II	4
Elective course	3
Elective course	3
<i>Credits</i>	16

Fall Semester 2

CHEM 2311/2111 Organic Chemistry I	3
Engagement core course	4
MATH 2330 Applied Statistics	3
PHYS 1301/1101 College Physics I <i>or</i> PHYS 2325/2125 University Physics I	4
<i>Credits</i>	14

Spring Semester 2

BIOL 2305/2105 Genetics	3
CHEM 2312/2112 Organic Chemistry II	4
Engagement core course	4
Elective course	3
<i>Credits</i>	14

Fall Semester 3

CHEM 3301/3101 Quantitative Methods	4
CHEM 3305/3105 Biochemistry I	4
Global Perspective core course	3
Elective course	3
Elective course	3
<i>Credits</i>	17

Spring Semester 3

BIOL upper level choice	4
CHEM 2350	4
CHEM 3302/3102 Instrumental Analysis	4
CHEM 3306/3106 Biochemistry II	3
Global Perspective core course	
<i>Credits</i>	15

Fall Semester 4

CHEM 3303/3103 Thermodynamics	4
CHEM 3350 Chemical Research	3
Personal & Social Responsibility core course	3
Elective course	3
Elective course	1
<i>Credits</i>	14

Spring Semester 4

Aesthetic Appreciation core course	3
CHEM 4398 Internship <i>or</i> CHEM 4399 Senior Project	3
Elective course	3
Elective course	3
<i>Credits</i>	12