

SCHREINER UNIVERSITY

Bachelor of Arts

Biochemistry

Sample Four Year Plan beginning Fall 2018

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
IDST 1301 Freshman Studies	3
MATH 2422 Calculus I	4

Credits **15**

Spring Semester 1

BIOL 1302/1103 Organismal Biology	4
CHEM 1302/1102 General Chemistry II	4
ENGL 1301 Rhetoric and Composition	3
MATH 2330 Applied Statistics	3

Credits **14**

Fall Semester 2

BIOL 2305/2105 Genetics	3
CHEM 2311/2111 Organic Chemistry I	4
ENGL 1302 Literature and Composition	3
Engagement core course	3
Global Perspective core course	3

Credits **16**

Spring Semester 2

BIOL 2350 Writing and Research	3
BIOL 3352/3152 Cell Biology	4
CHEM 2312/2112 Organic Chemistry II	4
Personal & Social Responsibility core course	3
Global Perspective core course	3

Credits **17**

Fall Semester 3

CHEM 3303/3103 Thermodynamics	4
CHEM 3350 Chemical Research	3
ENGL 3303 Technical Communication	3
Engagement core course	3
Elective course	3

Credits **16**

Spring Semester 3

Aesthetic Appreciation core course	3
CHEM 3304/3104 Quantum Mechanics	4
CHEM 3307/3107 Inorganic Chemistry	4
Elective course	3

Credits **14**

Fall Semester 4

CHEM 3301/3103 Quantitative Methods	4
CHEM 3305/3105 Biochemistry I	4
PHYS 1301/1101 College Physics I or PHYS 2325/2125 University Physics I	4
Elective course	3

Credits **15**

Spring Semester 4

CHEM 3302/3102 Instrumental Analysis	4
CHEM 3306/3106 Biochemistry II	4
CHEM 4398 Internship or CHEM 4399 Senior Project	3
Elective course	3

Credits **14**