

# SCHREINER UNIVERSITY

## Bachelor of Science

### *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 2423 Calculus II	4

*Credits* **15**

#### Fall Semester 2

BIOL 2305/2105 Genetics	3
CHEM 2311/2111 Organic Chemistry I	4
ENGL 1302 Literature and Composition	3
MATH 2330 Applied Statistics	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
Engagement core 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 <i>or</i>	4
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 <i>or</i>	3
CHEM 4399 Senior Project	3
Elective course	3

*Credits* **14**