

# SCHREINER UNIVERSITY

## Bachelor of Science

### *Chemistry- Integrative track*

### **Sample Four Year Plan beginning Fall 2021**

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

**Total Credits 120**

#### **Fall Semester 1**

CHEM 1301/1101 General Chemistry	4
Communications core course	3
IDST 1301 Freshman Studies	3
MATH 2422 Calculus I	4

*Credits 14*

#### **Spring Semester 1**

CHEM 1302/1102 General Chemistry II	4
Communications core course	3
MATH 2423 Calculus II	4
Elective course	3

*Credits 14*

#### **Fall Semester 2**

CHEM 2311/2111 Organic Chemistry I	4
Engagement core course	3
MATH 2330 Applied Statistics	3
PHYS 2325/2125 University Physics I	4

*Credits 14*

#### **Spring Semester 2**

CHEM 2312/2112 Organic Chemistry II	4
Engagement core course	3
PHYS 2326/2126 University Physics II	4
Elective course	3
Elective course	3

*Credits 17*

#### **Fall Semester 3**

CHEM 2350 Writing and Research	3
CHEM 3301/3101 Quantitative Methods	4
Global Perspective core course	3
Elective Course	3

*Credits 13*

#### **Spring Semester 3**

Aesthetic Appreciation core course	3
CHEM 3302/3102 Instrumental Analysis	4
Global Perspective core course	3
MATH 3425 Differential Equations	4
Elective course	3

*Credits 17*

#### **Fall Semester 4**

CHEM 3303/3103 Thermodynamics	4
CHEM 3350 Chemical Research	3
Personal & Social Responsibility core course	3
Elective Course	3
Elective Course	3

*Credits 16*

#### **Spring Semester 4**

CHEM 3304/3104 Quantum Mechanics	3
CHEM 3307/3107 Inorganic Chemistry	3
CHEM 4398 Internship <i>or</i> CHEM 4399 Senior Project	3
Elective course	3
Elective course	3

*Credits 15*