

SCHREINER UNIVERSITY

Bachelor of Science

Chemistry- Integrative 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

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	3
Elective course	3

Credits 13

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
Elective course	3

Credits 17

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