

SCHREINER UNIVERSITY

Bachelor of Science

Chemistry

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

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

Credits **15**

Spring Semester 1

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

Credits **14**

Fall Semester 2

BIOL 2350 Writing and Research	3
CHEM 2311/2111 Organic Chemistry I	4
Global Perspective core course	3
Engagement core course	3
MATH 2330 Applied Statistics	3

Credits **16**

Spring Semester 2

CHEM 2312/2112 Organic Chemistry II	4
Engagement core course	3
Global Perspective core course	3
Personal & Social Responsibility core course	3
Elective course	4

Credits **17**

Fall Semester 3

Aesthetic Appreciation core course	3
CHEM 3303/3103 Thermodynamics	4
CHEM 3350 Chemical Research	3
PHYS 2325/2125 University Physics I	4
Elective Course	3

Credits **17**

Spring Semester 3

CHEM 3304/3104 Quantum Mechanics	4
CHEM 3307/3107 Inorganic Chemistry	4
MATH 3425 Differential Equations	3
PHYS 2326/2126 University Physics II	3
Elective course	3

Credits **17**

Fall Semester 4

CHEM 3301/3101 Quantitative Methods	4
Elective Course	3
Elective Course	3
Elective Course	3

Credits **13**

Spring Semester 4

CHEM 3302/3102 Instrumental Analysis	3
CHEM 4398 Internship <i>or</i> CHEM 4399 Senior Project	3
Elective course	3
Elective course	3

Credits **12**