

SCHREINER UNIVERSITY

Bachelor of Arts

Chemistry-Integrative track

Sample Four Year Plan beginning Fall 2024

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 |
| ENGL 1301 Rhetoric and Composition | 3 |
| IDST 1301 Freshman Studies | 3 |
| MATH 2422 Calculus I | 4 |
| Elective Course | 3 |

Credits **17**

Spring Semester 1

| | |
|-------------------------------------|-----|
| CHEM 1302/1102 General Chemistry II | 4 |
| ENGL1302 Literature and Composition | 3 |
| MATH 2330 Applied Statistics or | 3-4 |
| MATH 2423 Calculus II | |
| Elective course | 3 |

Credits **13**

Fall Semester 2

| | |
|---|---|
| CHEM 2311/2111 Organic Chemistry I | 4 |
| Global Perspective core course | 3 |
| Engagement core course | 3 |
| Personal & Social Responsibility core course | 3 |
| PHYS 1301/1101 College Physics I <i>or</i> PHYS 2325/2125 University Physics I | 4 |

Credits **17**

Spring Semester 2

| | |
|---|---|
| CHEM 2312/2112 Organic Chemistry II | 4 |
| CHEM 2350 Writing and Research | 3 |
| Engagement core course | 3 |
| Global Perspective core course | 3 |
| PHYS 1302/1102 College Physics II <i>or</i> PHYS 2326/2126 University Physics II | 4 |

Credits **17**

Fall Semester 3

| | |
|------------------------------------|---|
| Aesthetic Appreciation core course | 3 |
| CHEM 3303/3103 Thermodynamics | 4 |
| CHEM 3350 Chemical Research | 3 |
| ENGL 3303 Technical Communication | 3 |
| Elective course | 3 |

Credits **16**

Spring Semester 3

| | |
|-------------------------|---|
| CHEM 3307/3107 | 4 |
| Upper level CHEM course | 4 |
| Elective course | 3 |
| Elective course | 3 |
| Elective course | 3 |

Credits **17**

Fall Semester 4

| | |
|-------------------------------------|---|
| CHEM 3301/3103 Quantitative Methods | 4 |
| Upper level CHEM course | 4 |
| Elective Course | 3 |
| Elective Course | 3 |

Credits **14**

Spring Semester 4

| | |
|--------------------------------------|---|
| CHEM 3302/3102 Instrumental Analysis | 4 |
| CHEM 4398 Internship or | 3 |
| CHEM 4399 Senior Project | |
| Elective course | 3 |
| Elective course | 3 |

Credits **13**