

Schreiner University
Bachelor of Science
Chemistry

SUGGESTED FOUR-YEAR PLAN BEGINNING 2011-2012

This curriculum guide is intended for use in coordination with corresponding degree plan and course rotations

Sample Options

Fall Semester 1

CHEM 1101, 1301 – General Chemistry I & Lab
ENGL 1301 – Rhetoric and Composition
HIST (3)
IDST 1101 – Freshman Studies
MATH 2422 – Calculus I
UNIV 0101 – University Studies

15 Credits

Fall Semester 2

BIOL 1101, 1301 – Concepts of Biological Science & Lab
CHEM 2411 – Organic Chemistry I
IDST 2305 – Perspectives in Critical Thinking
PHYS 2425 – University Physics I

15 Credits

Fall Semester 3

BIOL 3350 – Writing and Research in Biology
CHEM (4, Upper level)
CHEM 3401 – Quantitative Methods
IDST 3360 – The Creative Experience
LANG 1401 – (French, German, or Spanish)

18 Credits

Fall Semester 4

CHEM 3350 – Introduction to Chemical Research
CHEM 3403 – Thermodynamics
COMM 2301 – Communication
IDST 4340 – Problems & Solutions in a Global Society
Social Institutions (3)

16 Credits

Sample Options

Spring Semester 1

CHEM 1102, 1302 – General Chemistry II & Lab
EXSI 1201 – Individualized Fitness
MATH 2423 – Calculus II
PHIL/RELI (3)

13 Credits

Spring Semester 2

CHEM 2302 – Scientific Problem-Solving
Utilizing Spreadsheets
CHEM 2412 – Organic Chemistry II
PHYS 2426 – University Physics II
POLS 2301 – American Government (National and Texas)

14 Credits

Spring Semester 3

CHEM 3402 – Instrumental Analysis
CHEM 3407 – Inorganic Chemistry
LANG 1402 – (French, German, or Spanish)
MATH 3425 – Differential Equations

16 Credits

Spring Semester 4

CHEM (4, Upper level)
CHEM 3404 – Quantum Mechanics
CHEM 4398 – Internship in Chemistry
or CHEM 4399 – Senior Project in Chemistry
Fine Arts/Lit. (3)

14 Credits

TOTAL Credits –121