

Schreiner University

Bachelor of Science

Biochemistry

SUGGESTED FOUR-YEAR PLAN BEGINNING 2008-2009

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

Sample Options

Fall Semester 1

CHEM 1401 – General Chemistry I
MATH 2422 – Calculus I
ENGL 1301 – Rhetoric and Composition
BIOL 1401 – Concepts of Biological Science
IDST 1101 – Freshman Seminar
UNIV 0101 – University Studies

16 Credits

Fall Semester 2

PHYS 1401 – College Physics I (recommended elective)
CHEM 3411 – Organic Chemistry I
HIST (3)
IS 2301 – Computer Concepts and Applications
EXSI 1201 – Individualized Fitness

16 Credits

Fall Semester 3

BIOC 3405 – Biochemistry I
LANG 1401 – (French, German, or Spanish)
BIOL 3450 – Cell Biology
CHEM 3403 – Physical Chemistry I (even)

16 Credits

Fall Semester 4

CHEM 3401 – Analytical Chemistry I (odd)
BIOL 3430 – Genetics
COMM 2301 – Communications
BIOL 3350 – Writing and Research in Biology

14 Credits

Sample Options

Spring Semester 1

CHEM 1402 – General Chemistry II
MATH 2423 – Calculus II
BIOL 2404 – Survey of the Plant Kingdom
or BIOL 2403 – Survey of the Animal Kingdom
PHIL/RELI (3)

15 Credits

Spring Semester 2

PHYS 1402 – College Physics II
CHEM 3412 – Organic Chemistry II
Social Institutions (3)
POLS 2301 – American Government (National and Texas)
IDST 2205 – Critical Thinking

16 Credits

Spring Semester 3

BIOC 3406 – Biochemistry II
LANG 1402 – (French, German, or Spanish)
Fine Arts/Lit (3)
IDST 3260 – The Aesthetic Experience

13 Credits

Spring Semester 4

CHEM 2302 – Scientific Problem Solving Utilizing
Spreadsheets
BIOC 4398 – Internship in Biochemistry
or BIOC 4399 – Senior Project in Biochemistry
Elective (6)
IDST 4240 – Global Issues in a Cultural Context

14 Credits

TOTAL Credits – 120