

Schreiner University

Bachelor of Science

Biology – Cellular Track

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

BIOL 1102, 1301 – Concepts of Biological Science & Lab
CHEM 1101, 1301 – General Chemistry I & Lab
ENGL 1301 – Rhetoric and Composition
IDST 1101 – Freshman Studies
MATH 2422 – Calculus I
UNIV 0101 – University Studies

16 Credits

Fall Semester 2

BIOL 2405 – Genetics
CHEM 2411 – Organic Chemistry I
IDST 2305 – Perspectives in Critical Thinking
PHIL/RELI (3)

14 Credits

Fall Semester 3

BIOL 3350 – Writing and Research in Biology
BIOL 3450 – Cell Biology
IDST 3360 – The Creative Experience
LANG 1401 – (French, German, or Spanish)
PHYS (4)

18 Credits

Fall Semester 4

BIOC 3405 – Biochemistry I
BIOL (3, Upper level)
Elective (3)
IDST 4340 – Problems & Solutions in a Global Society

13 Credits

Sample Options

Spring Semester 1

BIOL 1103, 1302 – Organismal Biology & Lab
CHEM 1102, 1302 – General Chemistry II & Lab
COMM 2301 – Communication
MATH 2423 – Calculus II
or MATH 3330 – Applied Statistics

14-15 Credits

Spring Semester 2

BIOL 2302 – Scientific Problem-Solving Utilizing
Spreadsheets
CHEM 2412 – Organic Chemistry II
EXSI 1201 – Individualized Fitness
HIST (3)
POLS 2301 – American Government (National and Texas)

15 Credits

Spring Semester 3

BIOL 3340 – Evolutionary Biology
BIOL 3414 – Microbiology
LANG 1402 – (French, German, or Spanish)
PHYS (4)

15 Credits

Spring Semester 4

BIOC 3406 – Biochemistry II
or BIOL 3451 – Molecular Biology
BIOL 4398 – Internship in Biology
or BIOL 4399 – Senior Project in Biology
Elective (2)
Fine Arts/Lit. (3)
Social Institutions (3)

15 Credits

TOTAL Credits – 120-121