

**Schreiner University**  
Bachelor of Arts  
*Biology/Life Sciences, Teacher Certification 8-12*

**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**

BIOL 1401 – Concepts of Biological Science  
CHEM 1401 – General Chemistry I  
MATH 1310 – College Algebra  
ENGL 1301 – Rhetoric and Composition  
IDST 1101 – Freshman Seminar  
UNIV 0101 – University Studies

-----  
15 Credits

**Fall Semester 2**

CHEM 3411 – Organic Chemistry I  
HIST 1301 – United States History Through the Civil War  
or HIST 1302 – United States History Since the Civil War  
IS 2301 – Computer Concepts and Applications  
ENGL 2340 – World Literature Through the Renaissance  
LANG 1401 – (French, German, or Spanish)

-----  
17 Credits

**Fall Semester 3**

BIOL 3450 – Cell Biology  
Fine Arts (3)  
IDST 2205 – Critical Thinking  
BIOL (3 Upper Level)  
BIOL 3350 – Writing and Research in Biology  
Social Institutions (3)

-----  
18 Credits

**Fall Semester 4**

EDUC 4307 – Curriculum and Assessment (8-12)  
IDST 4240 – Global Issues in a Cultural Context  
EDUC 4303 – Methods and Management (8-12)  
RDNG 3309 – Content Area Reading  
BIOL 3430 – Genetics

-----  
15 Credits

Sample Options

**Spring Semester 1**

BIOL 2404 – Survey of the Plant Kingdom  
or BIOL 2403 – Survey of the Animal Kingdom  
CHEM 1402 – General Chemistry II  
MATH 1321 – Precalculus  
ENGL 1302 – Literature and Composition  
COMM 2301 – Communication

-----  
17 Credits

**Spring Semester 2**

EPSY 2302 – Foundations of Education in the Classroom  
CHEM 3412 – Organic Chemistry II  
HIST 1301 – United States History Through the Civil War  
or HIST 1302 – United States History Since the Civil War  
or HIST 2303 – Texas History  
POLS 2301 – American Government (National and Texas)  
LANG 1402 – (French, German, or Spanish)

-----  
17 Credits

**Spring Semester 3**

BIOL 3440 – Population Biology  
BIOL (3 Upper Level)  
EXSI 1201 – Individualized Fitness  
IDST 3260 – The Aesthetic Experience  
PHIL/RELI (3)  
EPSY 3330 – Child Growth and Development (EC-8)

-----  
17 Credits

**Spring Semester 4**

BIOL 4398 – Internship in Biology  
or BIOL 4399 – Senior Project in Biology  
EDUC 4313 – The Learner (8-12)  
EDUC 4310 – Professional Roles and Responsibilities  
EDUC 4601 – Student Teaching (8-12)

-----  
15 Credits

**TOTAL Credits – 131**