

Schreiner University  
Bachelor of Arts  
*Biochemistry*

**SUGGESTED FOUR-YEAR PLAN BEGINNING 2009-2010**

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

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*16 Credits*

**Fall Semester 2**

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

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*16 Credits*

**Fall Semester 3**

BIOC 3405 – Biochemistry I  
LANG 1401 – (French, German, or Spanish)  
BIOL 3430 – Genetics  
CHEM 3401 – Analytical Chemistry I (odd)

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*16 Credits*

**Fall Semester 4**

CHEM 3403 – Physical Chemistry I (even)  
BIOL 3450 – Cell Biology  
Social Institutions (3)  
BIOL 3350 – Writing and Research in Biology

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*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  
ENGL 1302 – Literature and Composition

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*15 Credits*

**Spring Semester 2**

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

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*16 Credits*

**Spring Semester 3**

BIOC 3406 – Biochemistry II  
LANG 1402 – (French, German, or Spanish)  
COMM 2301 – Communication  
IDST 3260 – The Aesthetic Experience

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*13 Credits*

**Spring Semester 4**

CHEM 2302 – Scientific Problem Solving Utilizing  
Spreadsheets (recommended elective)  
BIOC 4398 – Internship in Biochemistry  
or BIOC 4399 – Senior Project in Biochemistry  
PHIL/RELI (3)  
IDST 4240 – Global Issues in a Cultural Context  
Fine Arts/Lit (3)

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*14 Credits*

**TOTAL Credits – 120**