

**Schreiner University**  
Bachelor of Science  
*Chemistry*

**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  
HIST (3)  
IDST 1101 – Freshman Seminar  
UNIV 0101 – University Studies

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*15 Credits*

**Fall Semester 2**

PHYS 1401 – College Physics I  
CHEM 3411 – Organic Chemistry  
BIOL 1401 – Concepts of Biological Science  
IDST 2205 – Critical Thinking  
COMM 2301 – Communication

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*17 Credits*

**Fall Semester 3**

CHEM 3401 – Analytical Chemistry I (odd)  
LANG 1401 – (French, German, or Spanish)  
IDST 3260 – The Aesthetic Experience  
BIOL 3350 – Writing and Research in Biology  
Social Institutions (3)

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*16 Credits*

**Fall Semester 4**

CHEM 3403 – Physical Chemistry I (even)  
IDST 4240 – Global Issues in a Cultural Context  
CHEM 3350 – Introduction to Chemical Research (even)  
Elective (3)

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*12 Credits*

Sample Options

**Spring Semester 1**

CHEM 1402 – General Chemistry II  
MATH 2423 – Calculus II  
IS 2301 – Computer Concepts and Applications  
EXSI 1201 – Individualized Fitness  
PHIL/RELI (3)

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*16 Credits*

**Spring Semester 2**

PHYS 1402 – College Physics II  
CHEM 3412 – Organic Chemistry II  
CHEM 2302 – Scientific Problem-Solving Utilizing  
Spreadsheets  
POLS 2301 – American Government (National and Texas)

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*14 Credits*

**Spring Semester 3**

CHEM 3402 – Analytical Chemistry II (even)  
LANG 1402 – (French, German, or Spanish)  
MATH 3425 – Differential Equations  
Fine Arts/Lit (3)

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*15 Credits*

**Spring Semester 4**

CHEM 3404 – Physical Chemistry II (odd)  
CHEM 3407 – Inorganic Chemistry (odd)  
CHEM 4398 – Internship in Chemistry  
or CHEM 4399 – Senior Project in Chemistry  
Elective (4)

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*15 Credits*

**TOTAL Credits –120**