

# Schreiner University

## Bachelor of Arts

### *Chemistry*

#### **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**

CHEM 1101, 1301 – General Chemistry I & Lab  
ENGL 1301 – Rhetoric and Composition  
HIST (3)  
MATH 2422 – Calculus I  
IDST 1101 – Freshman Studies  
UNIV 0101 – University Studies

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*15 Credits*

##### **Fall Semester 2**

CHEM 2411 – Organic Chemistry  
COMM 2301 – Communication  
HIST (3)  
IDST 2305 – Perspectives in Critical Thinking  
PHYS (4)

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*16 Credits*

##### **Fall Semester 3**

BIOL 3350 – Writing and Research in Biology  
CHEM 3401 – Quantitative Methods  
IDST 3360 – The Creative Experience  
LANG 1401 – (French, German, or Spanish)  
Social Institutions (3)

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*17 Credits*

##### **Fall Semester 4**

CHEM (4)  
CHEM 3403 – Thermodynamics  
Elective (3)  
IDST 4340 – Problems & Solutions in a Global Society

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*14 Credits*

#### Sample Options

##### **Spring Semester 1**

CHEM 1102, 1302 – General Chemistry II & Lab  
ENGL 1302 – Literature and Composition  
EXSI 1201 – Individualized Fitness  
MATH 2423 – Calculus II

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*13 Credits*

##### **Spring Semester 2**

CHEM 2412 – Organic Chemistry II  
PHIL/RELI (3)  
PHYS (4)  
POLS 2301 – American Government (National and Texas)

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*14 Credits*

##### **Spring Semester 3**

CHEM (4)  
CHEM 3402 – Instrumental Analysis  
Elective (3)  
Fine Arts/Lit. (3)  
LANG 1402 – (French, German, or Spanish)

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*18 Credits*

##### **Spring Semester 4**

CHEM 3404 – Quantum Mechanics  
CHEM 4398 – Internship in Chemistry  
or CHEM 4399 – Senior Project in Chemistry  
Elective (5)

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*12 Credits*

**TOTAL Credits – 120**