

**Schreiner University**  
Bachelor of Arts  
*Chemistry, 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**

CHEM 1401 – General Chemistry I  
MATH 2422 – Calculus I  
ENGL 1301 – Rhetoric and Composition  
HIST 1301 or 1302  
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  
CHEM 3401 – Analytical Chemistry I (odd)  
IDST 2205 – Critical Thinking  
COMM 2301 – Communication

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*17 Credits*

**Fall Semester 3**

CHEM 3403 – Physical Chemistry I (even)  
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 4398 or 4399  
HIST 1301 or 1302  
IDST 4240 – Global Issues in a Cultural Context  
EDUC 4307 – Curriculum and Assessment (8-12)  
EDUC 4303 – Methods and Management (8-12)  
RDNG 3309 – Content Area Reading

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*17 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  
ENGL 1302 – Literature and Composition

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*16 Credits*

**Spring Semester 2**

PHYS 1402 – College Physics II  
CHEM 3412 – Organic Chemistry II  
CHEM 3402 – Analytical Chemistry II (even)  
EPSY 2302 – Foundations of Learning in the Classroom  
POLS 2301 – American Government (National and Texas)

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*18 Credits*

**Spring Semester 3**

CHEM 3404 – Physical Chemistry II (odd)  
LANG 1402 – (French, German, or Spanish)  
ENGL 2341 – World Literature From the Renaissance  
PHIL/RELI (3)  
EPSY 3330 – Child Growth and Development (EC-8)

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*17 Credits*

**Spring Semester 4**

EDUC 4313 – The Learner (8-12)  
EDUC 4310 – Professional Roles and Responsibilities  
EDUC 4601 – Student Teaching (8-12)

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*12 Credits*

**TOTAL Credits – 128**