

# Schreiner University

## Bachelor of Arts

### *Mathematics*

#### **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**

ENGL 1301 – Rhetoric and Composition  
HIST (3)  
IDST 1101 – Freshman Studies  
MATH 2422 – Calculus I  
Social Institutions (3)  
UNIV 0101 – University Studies

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*14 Credits*

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

Elective (6)  
IDST 2305 – Perspectives in Critical Thinking  
MATH 3324 – Calculus III  
PHYS 2425 – University Physics I  
or Science (4)

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*16 Credits*

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

Elective (3)  
LANG 1401 – (French, German, or Spanish)  
MATH 3301 – Modern Geometry  
MATH 3330 – Applied Statistics  
MATH 4333 – Probability

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*16 Credits*

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

Elective (3)  
Fine Arts/Lit. (3)  
IS or MATH (3, Upper level)  
MATH 3313 – Abstract Algebra  
MATH 4326 – Introduction to Numerical Analysis

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*15 Credits*

#### Sample Options

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

COMM 2301 – Communication  
ENGL 1302 – Literature and Composition  
EXSI 1201 – Individualized Fitness  
HIST (3)  
MATH 2423 – Calculus II

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*15 Credits*

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

Elective (3)  
MATH 3310 – Real Analysis  
MATH 3312 – Linear Algebra  
MATH 3425 – Differential Equations  
POLS 2301 – American Government (National and Texas)

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*16 Credits*

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

Elective (3)  
IDST 3360 – The Creative Experience  
LANG 1402 – (French, German, or Spanish)  
MATH 4321 – Complex Variables  
or MATH 4370 – Topics in Mathematics

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*13 Credits*

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

Elective (3)  
ENGL 3303 – Technical Communication  
or ENGL 3307 – Advanced Composition  
IDST 4340 – Problems & Solutions in a Global Society  
MATH 4393 – Capstone in Mathematics  
PHIL/RELI (3)

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*15 Credits*

**TOTAL Credits - 120**