

# Schreiner University

## Bachelor of Arts

### Mathematics

#### **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**

MATH 2422 – Calculus I  
IS 2301 – Computer Concepts and Applications  
ENGL 1301 – Rhetoric and Composition  
HIST (3)  
IDST 1101 – Freshman Seminar  
UNIV 0101 – University Studies

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*14 Credits*

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

MATH 3324 – Calculus III  
MATH 3301 – Modern Geometry (odd)  
PHYS 1401 – College Physics I  
or Science (4)  
IDST 2205 – Critical Thinking  
Elective (3)

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*15 Credits*

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

MATH 3313 – Abstract Algebra (even)  
MATH 4326 – Introduction to Numerical Analysis (even)  
LANG 1401 – (French, German, or Spanish)  
Elective (3)  
Social Institutions (3)

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*16 Credits*

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

MATH 4333 – Probability (odd)  
IS or MATH (3 Upper Level)  
Elective (9)

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*15 Credits*

#### Sample Options

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

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

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*15 Credits*

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

MATH 3312 – Linear Algebra  
MATH 3425 – Differential Equations  
Elective (3)  
POLS 2301 – American Government (National and Texas)  
PHIL/RELI (3)

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*16 Credits*

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

MATH 3330 – Applied Statistics  
Elective (3)  
LANG 1402 – (French, German, or Spanish)  
Fine Arts/Lit (3)  
IDST 3260 – The Aesthetic Experience

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*15 Credits*

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

MATH 4321 – Complex Variables (even)  
MATH 4310 – Introduction to Real Numbers (odd)  
or MATH 4370 – Topics in Mathematics (odd)  
or MATH 4399 – Senior Project in Mathematics  
ENGL 3303 – Technical Communication  
or ENGL 3307 – Advanced Composition  
IDST 4240 – Global Issues in a Cultural Context  
Elective (3)

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*14 Credits*

**TOTAL Credits - 120**