

**Schreiner University**  
Bachelor of Science  
*Mathematics*

**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**

MATH 2422 – Calculus I  
COMM 2301 – Communication  
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 3313 – Abstract Algebra  
MATH 3324 – Calculus III  
PHYS 1401 – College Physics I  
IDST 2205 – Critical Thinking  
IS 2310 – Computer Programming  
Elective (2)  
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*17 Credits*

**Fall Semester 3**

MATH 3301 – Modern Geometry  
MATH 4333 – Probability  
LANG 1401 – (French, German, or Spanish)  
IS (3)  
Elec (3)  
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*16 Credits*

**Fall Semester 4**

MATH 4326 – Introduction to Numerical Analysis  
IS (3)  
Elective (6)  
Social Institutions (3)  
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*15 Credits*

Sample Options

**Spring Semester 1**

MATH 2423 – Calculus II  
IS 2301 – Computer Concepts and Applications  
ENGL 1302 – Literature and Composition  
PHIL/RELI (3)  
EXSI 1201 – Individualized Fitness  
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*15 Credits*

**Spring Semester 2**

MATH 3312 – Linear Algebra  
MATH 3425 – Differential Equations  
PHYS 1402 – College Physics II  
POLS 2301 – American Government (National and Texas)  
BIOL 2302 – Scientific Problem-Solving Utilizing  
Spreadsheets (if IS 2310 not taken)  
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*17 Credits*

**Spring Semester 3**

MATH 4321 – Complex Variables  
MATH 3330 – Applied Statistics  
LANG 1402 – (French, German, or Spanish)  
MATH 3305 – Survey of Mathematics  
IDST 3260 – The Aesthetic Experience  
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*15 Credits*

**Spring Semester 4**

MATH 4310 – Introduction to Real Numbers  
or MATH 4370 – Topics in Mathematics  
or MATH 4399 – Senior Project in Mathematics  
ENGL 3303 – Technical Communication  
IDST 4240 – Global Issues in a Cultural Context  
Elective (3)  
Fine Arts/Lit (3)  
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*14 Credits*

**TOTAL Credits – 120**