Schreiner University
Bachelor of Arts
Mathematics, Teacher Certification 8-12

SUGGESTED FOUR-YEAR PLAN BEGINNING 2012-2013
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  
LANG 1401 – (French, German, or Spanish)  
MATH 2422 – Calculus I  

15 Credits

Sample Options

**Spring Semester 1**

ENGL 1302 – Literature and Composition  
HIST (3)  
LANG 1402 – (French, German, or Spanish)  
MATH 2423 – Calculus II  

14 Credits

**Fall Semester 2**

EDUC 2303 – Foundations of Education  
EXSI 1201 – Individualized Fitness  
IDST 2305 – Perspectives in Critical Thinking  
MATH 3324 – Calculus III  
PHYS 2425 – University Physics I  
or Science (4)  

16 Credits

Sample Options

**Spring Semester 2**

MATH 3312 – Linear Algebra  
MATH 3330 – Applied Statistics  
MATH 3425 – Differential Equations  
Social Institutions (3)  
SPED 3301 – Foundations in Special Education  

15 Credits

**Fall Semester 3**

Math 3313 – Abstract Algebra  
IDST 3360 – The Creative Experience  
MATH (3, Upper level)  
PHIL/RELI (3)  
RDNG 3309 – Disciplinary Literacy  

15 Credits

Sample Options

**Spring Semester 3**

COMM 2301 – Communication  
ENGL 3303 – Technical Communication  
or ENGL 3307 – Advanced Composition  
Fine Arts/Lit (3)  
MATH (3, Upper level)  
MATH 3310 – Introduction to Real Analysis  
MATH 4393 – Capstone in Mathematics  

18 Credits

**Fall Semester 4**

EDUC 4303 – Methods and Management (8-12)  
EDUC 4307 – Curriculum and Assessment (8-12)  
IDST 4340 – Problems & Solutions in a Global Society  
POLS 2301 – American Government (National and Texas)  
MATH 3301 – Modern Geometry  
MATH 3304 – Secondary Mathematics Pedagogy and Tech  

18 Credits

Sample Options

**Spring Semester 4**

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

12 Credits

TOTAL Credits – 123