

SCHREINER UNIVERSITY

Bachelor of Arts

Mathematics with Teacher Certification minor

Sample Four Year Plan beginning Fall 2020

This curriculum guide intended for use in coordination with corresponding degree plan and course rotation.

Total Credits 120

Fall Semester 1

Communication core course	3
Engagement core course	3
IDST 1301 Freshman Studies	3
MATH 2422 Calculus I	4
Elective Course	3
<i>Credits</i>	16

Spring Semester 1

Communication core course	3
Engagement core course	3
Global Perspective core course ¹	3
MATH 2423 Calculus II	4
Elective course	3
<i>Credits</i>	16

Fall Semester 2

CIT 2410 Introduction to Programming	4
EDUC Foundations in Education*	3
IDST 2305 Perspectives in Critical Thinking	3
MATH 3324 Calculus III	3
Global Perspective core course ¹	3
<i>Credits</i>	16

Spring Semester 2²

MATH 2340 Into to Proofs	3
MATH 2341 Intro to Scientific Computing	3
MATH 3312 Linear Algebra	4
MATH 3425 Differential Equations	3
SPED 3301 Foundations in Special Education*	3
<i>Credits</i>	16

Fall Semester 3

Aesthetic Appreciation core course	3
EDUC 3302 Math Pedagogy	3
MATH 2330 Applied Statistics	3
MATH 3313 Abstract Algebra	3
Upper level MATH choice	3
<i>Credits</i>	15

Spring Semester 3

EDUC 3303 Math Pedagogy: Intervention	3
Upper level MATH choice	3
MATH 3310 Real Analysis	3
MATH 4370 Topics in Mathematics	3
MATH 4393 Capstone in Mathematics	3
<i>Credits</i>	15

Fall Semester 4

EDUC 4305 Curriculum & Assessment	3
Personal & Social Responsibility core course	3
MATH 2331 Modern Geometry	3
Upper level MATH choice	3
RDNG 4309 Disciplinary Literacy	3
<i>Credits</i>	15

Spring Semester 4

EDUC 4620 Clinical Teaching Seminar	6
EDUC 4623 Clinical Teaching 7-12	6
<i>Credits</i>	12

¹ Spanish is recommended for Texas educators

² Students should apply for admission to Teacher Education program in Spring 2

* Course may be taken prior to admission to Teacher Education Program