

Schreiner University

Bachelor of Arts

Mathematics with Teacher Certification, Grades 7-12

SUGGESTED FOUR-YEAR PLAN BEGINNING 2016-2017

This curriculum guide is intended for use in coordination with corresponding degree plan and course rotations

Sample Options

Fall Semester 1

Communication (3)
Elective (3)*
Engagement (3)
IDST 1301 – Freshman Studies
MATH 2422 – Calculus I

16 Credits

Fall Semester 2

Elective (3)
IDST 2305 – Perspectives in Critical Thinking
CIT 2410 – Introduction to Programming Logic
MATH 2331 – Modern Geometry
MATH 3324 – Calculus III

16 Credits

Fall Semester 3

Aesthetic Appreciation (3)
EDUC 2303 – Foundations of Education¹
MATH 3313 – Abstract Algebra
MATH 4326 – Introduction to Numerical Analysis
SPED 3301 – Foundations in Special Education¹

15 Credits

Fall Semester 4

EDUC 4303 – Methods and Management (7-12)
EDUC 4307 – Curriculum and Assessment (7-12)
MATH 3304 – Secondary Mathematics Ped. and Tech.
MATH 3333 – Probability
RDNG 3309 – Disciplinary Literacy Across the Content Area

15 Credits

Sample Options

Spring Semester 1

Communication (3)
Elective (3)*
Engagement (3)
Global Perspective (3)¹
MATH 2423 – Calculus II

16 Credits

¹Spanish is recommended for Texas educators

Spring Semester 2

Elective (3)
MATH 2330 – Applied Statistics
MATH 3312 – Linear Algebra
MATH 3425 – Differential Equations
Pers./Soc. Responsibility (3)

16 Credits

Students should apply for admission to the Teacher Education Program in Spring 2

Spring Semester 3

Global Perspective (3)
MATH (3, Upper Level)
MATH 3310 – Real Analysis
MATH 4370 – Topics in Mathematics
MATH 4393 – Capstone in Mathematics

15 Credits

Students should apply for Student Teaching in Spring 3

Spring Semester 4

EDUC 4310 – Professional Roles and Responsibilities
EDUC 4313 – The Learner (7-12)
EDUC 4320 – Clinical Teaching Seminar
EDUC 4323 – Clinical Teaching (7-12)

12 Credits

¹Indicates courses which may be taken before admission to Teacher Education Program.

* A student needing to complete the prerequisites for calculus (MATH 1310: College Algebra and MATH 1321: Precalculus) may use 6 elective hours to do so, and may move the calculus sequence to the following year.

TOTAL Credits - 120