Schreiner University

Bachelor of Arts

Mathematics

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
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16 Credits

Sample Options

Spring Semester 1

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

Fall Semester 2

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

Spring Semester 2

Elective (3)
Elective (3)
MATH 3312 – Linear Algebra
MATH 3425 – Differential Equations
Pers./Soc. Responsibility (3)
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16 Credits

Fall Semester 3

Elective (3)
Elective (3)
MATH 2330 – Applied Statistics
MATH 3313 – Abstract Algebra
MATH 4326 – Introduction to Numerical Analysis
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15 Credits

Spring Semester 3

Elective (3)
Elective (3)
Global Perspective (3)
MATH 3310 – Real Analysis
MATH 4370 – Topics in Mathematics
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15 Credits

Fall Semester 4

Aesthetic Appreciation (3)
Elective (3)
Elective (3)
MATH 2331 – Modern Geometry
MATH 3333 – Probability
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15 Credits

Spring Semester 4

Elective (3)
Elective (3)
MATH 4321 – Complex Variables
MATH 4393 – Capstone in Mathematics

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12 Credits

* 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