

Schreiner University

Bachelor of Science

Mathematics

SUGGESTED FOUR-YEAR PLAN BEGINNING 2011-2012

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

Sample Options

Fall Semester 1

COMM 2301 – Communication
ENGL 1301 – Rhetoric and Composition
HIST (3)
IDST 1101 – Freshman Studies
MATH 2422 – Calculus I
UNIV 0101 – University Studies

14 Credits

Fall Semester 2

IDST 2305 – Perspectives in Critical Thinking
IS 2310 – Computer Programming
MATH 3313 – Abstract Algebra
MATH 3324 – Calculus III
PHYS 2425 – University Physics I

16 Credits

Fall Semester 3

Elective (3)
IS (3)
LANG 1401 – (French, German, or Spanish)
MATH 3301 – Modern Geometry
MATH 4333 – Probability

16 Credits

Fall Semester 4

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

15 Credits

Sample Options

Spring Semester 1

Elective (3)
ENGL 1302 – Literature and Composition
EXSI 1201 – Individualized Fitness
MATH 2423 – Calculus II
PHIL/RELI (3)

15 Credits

Spring Semester 2

MATH 3310 – Real Analysis
MATH 3312 – Linear Algebra
MATH 3425 – Differential Equations
PHYS 2426 – University Physics II
POLS 2301 – American Government (National and Texas)

17 Credits

Spring Semester 3

IDST 3360 – The Creative Experience
LANG 1402 – (French, German, or Spanish)
MATH 3330 – Applied Statistics
MATH 4321 – Complex Variables

13 Credits

Spring Semester 4

Elective (2)
ENGL 3303 – Technical Communication
Fine Arts/Lit. (3)
IDST 4340 – Problems & Solutions in a Global Society
MATH 4393 – Capstone in Mathematics

14 Credits

TOTAL Credits – 120