

Schreiner University

Bachelor of Arts

Mathematics

SUGGESTED FOUR-YEAR PLAN BEGINNING 2009-2010

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

Sample Options

Fall Semester 1

MATH 2422 – Calculus I
IS 2301 – Computer Concepts and Applications
ENGL 1301 – Rhetoric and Composition
HIST (3)
IDST 1101 – Freshman Seminar
UNIV 0101 – University Studies

14 Credits

Fall Semester 2

MATH 3324 – Calculus III
MATH 3313 – Abstract Algebra (even)
PHYS 1401 – College Physics I
or Science (4)
IDST 2205 – Critical Thinking
Elective (3)

15 Credits

Fall Semester 3

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

16 Credits

Fall Semester 4

MATH 4326 – Introduction to Numerical Analysis (even)
IS or MATH (3 Upper Level)
Elective (9)

15 Credits

Sample Options

Spring Semester 1

MATH 2423 – Calculus II
COMM 2301 – Communication
ENGL 1302 – Literature and Composition
EXSI 1201 – Individualized Fitness
HIST (3)

15 Credits

Spring Semester 2

MATH 3312 – Linear Algebra
MATH 3425 – Differential Equations
Elective (3)
POLS 2301 – American Government (National and Texas)
PHIL/RELI (3)

16 Credits

Spring Semester 3

MATH 4321 – Complex Variables (even)
Elective (3)
LANG 1402 – (French, German, or Spanish)
Fine Arts/Lit (3)
IDST 3260 – The Aesthetic Experience

15 Credits

Spring Semester 4

MATH 3330 – Applied Statistics
MATH 4310 – Introduction to Real Numbers
or MATH 4370 – Topics in Mathematics
or MATH 4399 – Senior Project in Mathematics
ENGL 3303 – Technical Communication
or ENGL 3307 – Advanced Composition
IDST 4240 – Global Issues in a Cultural Context
Elective (3)

14 Credits

TOTAL Credits - 120