

SCHREINER UNIVERSITY

Bachelor of Science

Mathematics

Sample Four Year Plan beginning Fall 2022

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

Total Credits 120

Fall Semester 1

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

Spring Semester 1

MATH 2423 Calculus II	4
Communication core course	3
Engagement core course	3
Personal & Social Responsibility core course	3
Elective course	3
<i>Credits</i>	16

Fall Semester 2

CIT 2410 Introduction to Programming	4
MATH 3324 Calculus III	3
PHYS 2325/2125 University Physics I	4
Global Perspective core course	3
<i>Credits</i>	14

Spring Semester 2

MATH 3312 Linear Algebra	3
MATH 3425 Differential Equations	4
PHYS 2326/2126 University Physics II	4
Global Perspective core course	3
<i>Credits</i>	14

Fall Semester 3

MATH 2330 Applied Statistics	3
MATH 3313 Abstract Algebra	3
Upper level MATH choice	3
Distribution course choice	3
Elective Course	3
<i>Credits</i>	15

Spring Semester 3

MATH 2340 Intro to Proofs	3
MATH 3310 Real Analysis	3
MATH 4370 Topics in Mathematics	3
Distribution course choice	3
Elective Course	3
<i>Credits</i>	15

Fall Semester 4

MATH 3336 Modern Geometry	3
Upper level MATH choice	3
Aesthetic Appreciation core course	3
Elective Course	3
Elective Course	3
<i>Credits</i>	15

Spring Semester 4

MATH 4393 Capstone in Mathematics	3
Upper level MATH choice	3
Elective course	3
Elective course	3
Elective course	3
<i>Credits</i>	15