

# SCHREINER UNIVERSITY

## Bachelor of Arts

### *Mathematics*

### **Sample Four Year Plan beginning Fall 2024**

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

**Total Credits 120**

#### **Fall Semester 1**

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

#### **Spring Semester 1**

Communication core course	3
Engagement core course	3
Global Perspective core course	3
MATH 2423 Calculus II	4
Elective course	3
<i>Credits</i>	<b>16</b>

#### **Fall Semester 2**

MATH 3324 Calculus III	3
Elective Course	3
Elective Course	3
Elective Course	3
Elective Course	3
<i>Credits</i>	<b>15</b>

#### **Spring Semester 2**

MATH 3312 Linear Algebra	3
MATH 3425 Differential Equations	4
Personal & Social Responsibility core course	3
Elective course	3
Elective course	3
<i>Credits</i>	<b>16</b>

#### **Fall Semester 3**

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

#### **Spring Semester 3**

Global Perspective core course	3
MATH 3310 Real Analysis	3
MATH 3337 Discrete Mathematics	3
MATH 4370 Topics in Mathematics	3
Elective course	3
<i>Credits</i>	<b>15</b>

#### **Fall Semester 4**

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

#### **Spring Semester 4**

Upper level MATH choice	3
MATH 4393 Capstone in Mathematics	3
Elective course	3
Elective course	3
<i>Credits</i>	<b>12</b>