SCHREINER UNIVERSITY

Bachelor of Science

Mathematics

Sample Four Year Plan beginning Fall 2019

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

Total Credits 120

Fall Semester 1		**Spring Semester 1**	
Communication core course	3	Aesthetic Appreciation core course	3
Engagement core course	3	Communication core course	3
IDST 1301 Freshman Studies	3	Engagement core course	3
MATH 2422 Calculus I	4	MATH 2423 Calculus II	4
Elective Course	3	Elective course	3
Credits	**16**	*Credits*	**16**

Fall Semester 2		**Spring Semester 2**	
MATH 3324 Calculus III	3	MATH 2340 Introduction to Proofs	3
PHYS 2325/2125 University Physics I	4	MATH 3312 Linear Algebra	3
Elective Course	4	MATH 3425 Differential Equations	4
Elective Course	3	PHYS 2326/2126 University Physics II	4
Credits	**14**	*Credits*	**14**

Fall Semester 3		**Spring Semester 3**	
Global Perspective core course	3	Global Perspective core course	3
MATH 2330 Applied Statistics	3	MATH 2341 Intro to Scientific Computing	3
MATH 2331 Modern Geometry	3	MATH 4370 Topics in Mathematics	3
Distribution course choice	3	MATH upper level choice	3
Elective Course	3	Distribution course choice	3
Credits	**15**	*Credits*	**15**

Fall Semester 4		**Spring Semester 4**	
MATH 3313 Abstract Algebra	3	MATH 3310 Real Analysis	3
MATH upper level choice	3	MATH upper level choice	3
Personal & Social Responsibility core course	3	MATH 4393 Capstone in Mathematics	3
Elective Course	3	Elective course	3
Elective Course	3	Elective Course	3
Credits	**15**	*Credits*	**15**