

**University of Saint Francis**  
**Bachelor of Science in Mathematics**  
**Example Curriculum Plan**

Name: \_\_\_\_\_ email: \_\_\_\_\_

USF ID: \_\_\_\_\_ Advisor: \_\_\_\_\_

**Year 1**

**Semester 1**

Course Code	Course Name	Credits
ICON 100	iConnect 100	3
MATH 126	Informal Geometry	3
MATH 223	Calculus I	3
ENGL 101	English Composition I	3
	General Education or Elective	3

**Semester 2**

Course Code	Course Name	Credits
MATH 224	Calculus II	3
MATH 270	History of Mathematics	3
COMM 121	Fundamentals of Public Communication	3
	General Education or Elective	3
	General Education or Elective	3

**Year 2**

**Semester 1**

Course Code	Course Name	Credits
MATH 302	Statistics	3
MATH 345	Discrete Mathematics	3
SCIE 257	Physics I	4
	General Education or Elective	3
	General Education or Elective	3

**Semester 2**

Course Code	Course Name	Credits
MATH 246	Mathematics Laboratory I	3
MATH 306	Linear Algebra	3
SCIE 258	Physics II	4
	General Education or Elective	3
	General Education or Elective	3

**Year 3**

**Semester 1**

Course Code	Course Name	Credits
MATH 315	Differential Equations	3
MATH 316	College Geometry	3
	General Education or Elective	3
	General Education or Elective	3
PHIL 312	Logic: Creative & Critical	3
OR	Thinking	3
PHIL 313	Symbolic Logic	3

**Semester 2**

Course Code	Course Name	Credits
MATH 275	Mathematical Riddles and Games	3
MATH 422	Abstract Algebra	3
	General Education or Elective	3
	General Education or Elective	3
	General Education or Elective	3

**Year 4**

**Semester 1**

Course Code	Course Name	Credits
MATH 271	Cryptology	3
MATH 446	Mathematics Laboratory II	3
	General Education or Elective	3
	General Education or Elective	3
	General Education or Elective	3

**Semester 2**

Course Code	Course Name	Credits
MATH 476	Mathematical Olympiads	3
MATH 496	Special Problems in Math	3
LIBS 410	Interdisciplinary Capstone	3
	General Education or Elective	3
	General Education or Elective	3