

**University of Saint Francis**  
**Bachelor of Science in Mathematics**

**Effective Date: 8-07 (Catalog Year 2008)**

Name: \_\_\_\_\_ ID# \_\_\_\_\_

Advisor: \_\_\_\_\_ Expected Graduation Date \_\_\_\_\_

Evaluation Date:

Evaluation Update:

*PT=WORK IN PROGRESS CURRENTLY PENDING TRANSFER*

**By Placement Courses: 0-10 credit hours**

GE Outcome	GE Approved Courses	CR	Plan to Take	Date Taken or Transferred	Repeat	Final Grade
<b>Computer Literacy</b> LO 13	CIS 101, 102, 103 By Placement (no credit toward degree)	0-3				
<b>English</b>	ENGL 100 By Placement (no credit toward degree)	0-2				
<b>Reading</b> LO 8	READ 101, 119, 120, 121 By Placement (no credit toward degree for READ 101)	0-2				
<b>Math</b>	MATH 120 By Placement	0-3				

**General Education Courses- Common Content: 9 credit hours**

GE Outcomes	GE Approved Courses	CR	Plan to Take	Date Taken or Transferred	Repeat	Final Grade
<b>iConnect</b> LO 2, 3, 4, 5, 6, 27, 29	ICON 100	3				
<b>English Composition</b> LO 9, 14, 18, 20	ENGL 101 English Composition I or ENGL 103 College Writing (only 3 credits towards a degree)	3				
<b>Speech</b> LO 10, 11, 12	COMM 121 Fundamentals of Public Communication	3				

**General Education Courses: 37-40 credit hours**

<b>History</b> LO 1		3				
<b>Society and Environment</b> LO 3		3				

<b>Social Responsibility and Leadership</b> LO 4, 5, 6, 7		3				
<b>Writing Intensive</b> LO 9, 14		0				
<b>Technology Application</b> LO 15		0				
<b>Physical Education</b> LO 16, 17		2-3				
<b>Philosophical Ethics</b> LO 18, 19, 20	PHIL 112 Logic: Creative & Critical Thinking	3				
<b>Math</b> LO 22	MATH 270 History of Mathematics	3				
<b>Science</b> LO 23	SCIE 257 Physics I	4				
<b>Social Sciences</b> LO 24		3				
<b>Creative Expression - Fine Arts</b> LO 25, 26		2-3				
<b>Creative Expression - Literature</b> LO 25, 26		3				
<b>Theology</b> LO 29, 30		3				
<b>Religion</b> LO 29, 31		3				
<b>Senior Capstone</b> LO 9, 21, 27, 28	Capstone course in major or GE	3				

**Total General Education Requirements: 46-49 credit hours**

**Major Required Courses: 57-60 credit hours**

MATH 126	Informal Geometry	3				
MATH 223	Calculus I	3				
MATH 224	Calculus II	3				
MATH 246	Mathematics Laboratory I	3				
MATH 271	Cryptology	3				
MATH 275	Mathematical Riddles and Games	3				
MATH 302	Statistics	3				

MATH 306	Linear Algebra	3				
MATH 309	Problem Solving (capstone course)	3				
MATH 315	Differential Equations	3				
MATH 316	College Geometry	3				
MATH 323	Computer Programming and Design	3				
MATH 345	Discrete Mathematics	3				
MATH 422	Abstract Algebra	3				
MATH 446	Mathematics Laboratory II	3				
MATH 476	Mathematical Olympiads	3				
MATH 496	Special Problems in Mathematics	1-3				
MATH 497	Special Problems in Mathematics	1-3				
MATH 498	Special Problems in Mathematics	1-3				
MATH 499	Special Problems in Mathematics	1-3				
SCIE 258	Physics II	4				

**Electives: 15-31 credit hours**



Total Transfer Credit Hours Completed:

Total USF Credit Hours Completed:

Total Degree Requirements: 128 credit hours