

BS Degree in Applied Mathematics (670503)

Minimum Number of Units in Major = 54

Bulletin URL: <http://www.sfsu.edu/~bulletin/current/programs/math.htm#670503> Key to Course Abbreviations: <http://www.sfsu.edu/~admisrec/reg/noindex/crsabbrev.html>

1st Semester Requirements

Requirement	Recommended Courses	Units
Basic Information Competence		
Written English Proficiency	ENG 114	3
GE 1 Critical Thinking		3
GE 1 Quantitative Reasoning also satisfies Major	MATH 226	4
GE 2 Physical and Biological Sciences, Category A or B		3
GE 2 Humanities and Creative Arts		3
1st Semester Total		16

Note: Review the Bulletin for GE II requirements in the following areas: LLD-Lifelong Development; AERM-American Ethnic and Racial Minorities; L/F-Laboratory or Fieldwork.

2nd Semester Requirements

Requirement	Recommended Courses	Units
GE 1 Oral Communication	SPCH 150	3
GE 2 Physical and Biological Sciences, Category A or B		3
GE 2 Behavioral and Social Sciences		3
Major	MATH 227	4
Major	CSC 209	3
2nd Semester Total		16

3rd Semester Requirements

Requirement	Recommended Courses	Units
GE 1 Written Communication also satisfies University Written English Proficiency		3
GE 2 Behavioral and Social Sciences		3
GE 2 Humanities and Creative Arts		3
Major	MATH 228	4
Major Elective (Math 301 is a prerequisite for several courses in the major, so students should choose this as one of the elective courses.)	MATH 301	3
3rd Semester Total		16

4th Semester Requirements

Requirement	Recommended Courses	Units
US History		3
GE 2 Physical and Biological Sciences, Category C		3
GE 2 Humanities and Creative Arts		3
Major	MATH 325	3
Major Elective		3
4th Semester Total		15

Note: Take JEPET after 48 units earned to satisfy Written English Proficiency.

5th Semester Requirements

Requirement	Recommended Courses	Units
US Government and California		3
GE 3		3
Major	MATH 324 or MATH 340	3
Major	MATH 376	3
Major Elective		3
5th Semester Total		15

6th Semester Requirements

Requirement	Recommended Courses	Units
Written English Proficiency (if required)	ENG 414	0 to 3
GE 3		3
Major	MATH 400	3
Major	MATH 460	3
Major (MATH 441 is offered spring semesters only.)	MATH 340 or MATH 441	3
6th Semester Total		12 to 15

7th Semester Requirements

Requirement	Recommended Courses	Units
GE 2 Behavioral and Social Sciences		3
Major	MATH 335 or MATH 370	3
Major	MATH 696	3
Major Elective		3
University Elective		3
7th Semester Total		15

8th Semester Requirements

Requirement	Recommended Courses	Units
GE 3		3
Major	MATH 697	3
Major Upper Division Elective		3
University Elective		3
University Elective		3
8th Semester Total		15