

**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
University Basic Information Competence		
University 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
<b>1st Semester Total</b>		<b>16</b>

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	COMM 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
<b>2nd Semester Total</b>		<b>16</b>

**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
<b>3rd Semester Total</b>		<b>16</b>

**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
<b>4th Semester Total</b>		<b>15</b>

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
<b>5th Semester Total</b>		<b>15</b>

**6th Semester Requirements**

Requirement	Recommended Courses	Units
University 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
<b>6th Semester Total</b>		<b>12 to 15</b>

**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
<b>7th Semester Total</b>		<b>15</b>

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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
<b>8th Semester Total</b>		<b>15</b>