

San Francisco State University
Degree Roadmap: Bulletin Year 2009 - 2010

October 15, 2009

BA Degree in Mathematics - Mathematics for Advanced Study (674709)

Minimum Number of Units in Major = 48

Bulletin URL: <http://www.sfsu.edu/~bulletin/current/programs/math.htm#674709> Key to Course Abbreviations: <http://www.sfsu.edu/~admisrec/reg/noindex/crsabbrev.html>

1st Semester Requirements

Requirement	Recommended Courses	Units
Basic Information Competence		3
Written English Proficiency	ENG 114	3
GE 1 Oral Communication	COMM 150	3
GE 1 Quantitative Reasoning also satisfies Major Core (See Note 1)	MATH 226	4
GE 2 Behavioral and Social Sciences		3
GE 2 Humanities and Creative Arts		3

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

Totals: 16

2nd Semester Requirements

Requirement	Recommended Courses	Units
GE 1 Critical Thinking		3
GE 2 Physical and Biological Sciences, Category A or B		3
Major Core	MATH 227	4
Major Concentration	CSC 309 or CSC 210	3
University Elective		3

Totals: 16

3rd Semester Requirements

Requirement	Recommended Courses	Units
US History		3
GE 1 Written Communication also satisfies University Written English Proficiency	ENG 214	3
GE 2 Behavioral and Social Sciences		3
GE 2 Humanities and Creative Arts		3
Major Core	MATH 228	4

Totals: 16

4th Semester Requirements

Requirement	Recommended Courses	Units
US Government and California		3
GE 2 Physical and Biological Sciences, Category A or B		3
GE 2 Humanities and Creative Arts		3
Major Concentration	MATH 340	3
University Elective		3

Totals: 15

5th Semester Requirements

Requirement	Recommended Courses	Units
GE 2 Physical and Biological Sciences (If necessary to achieve 9 units)		3
GE 3		3
Major Core	MATH 301 GW	3
Major Core	MATH 325	3
Major Concentration	MATH 310 or MATH 376	3

Totals: 15

6th Semester Requirements

Requirement	Recommended Courses	Units
GE 3		3
Major Core	MATH 335	3
Major Concentration	MATH 380	3
University Elective		3
University Elective		3

Totals: 15

7th Semester Requirements

Requirement	Recommended Courses	Units
GE 2 Behavioral and Social Sciences		3
GE 3		3
Major Core	MATH 370	3
Major Concentration	MATH 435	3
Major Concentration Elective		3

Totals: 15

8th Semester Requirements

Requirement	Recommended Courses	Units
Major Concentration	MATH 470 or MATH 471	3
Major Concentration Elective		3
University Elective		3
University Elective		3

Totals: 12

Note: A minimum of 40 upper division units must be completed for degree.

Note 1: If MATH 109 Precalculus is required, take it in 1st semester followed by MATH 226, 227, 228 sequence in semesters 2 through 4. Consult with major advisor regarding appropriate sequencing of other major courses.

Department Website: <http://math.sfsu.edu/>