

Advising Road Map

Major:	BA Mathematics
Concentration in:	Preparation for Teaching
Total Units to Degree:	120
Academic Year:	2016-2017

The following road map is an advising tool that outlines a path of courses a student can take to complete requirements for graduation. This roadmap should be used in consultation with the catalog and your department to identify additional requirements for completing the major (for example course grade minimums). Students must have 60+ units in order to take SJSU Studies courses.

Fall Semester- Year 1	
Course or Requirement	Units
MATH 30/30P/30PL (Area: B4)	3
MATH 50, 109, CS 46A, 49C or 49J	3
ENGL 1A (Area: A2)	3
Area A1	3
Area E*	3
Total Semester Units:	15

Spring Semester- Year 1	
Course or Requirement	Units
MATH 31	4
MATH 42	3
PHYS 50 (Area: B1,B3)	4
PHIL 57 (Area: A3) preferred	3
KIN (PE)	1
Total Semester Units:	15

Fall Semester- Year 2	
Course or Requirement	Units
MATH 32	3
PHYS 51 or 52	4
GE Area C1*	3
Amer Inst + GE Area D2, US1, US2, US3 (HIST 15A, AFAM 2A, AAS 33A, MAS 10A)	3
MATH 108	3
Register to take WST	
Total Semester Units:	16

Spring Semester- Year 2	
Course or Requirement	Units
Math 129A	3
GE Area D1*	3
GE Area C2*	3
Amer Inst + GE Area D3, US1, US2, US3 (HIST 15B, AFAM 2B, AAS 33B, MAS 10B)	3
MATH 134, 142, (143C), 143M, 177, or (178)*	3
Total Semester Units:	15

Fall Semester- Year 3	
Course or Requirement	Units
MATH 161A	3
MATH 128A	3
University Elective	3
GE Area: B2	3
GE Area C1 or C2*	3
Total Semester Units:	15

Spring Semester- Year 3	
Course or Requirement	Units
MATH 131A	3
MATH 161B	3
Math 100W (Z)	3
University Elective***	4
KIN (PE)	1
Total Semester Units:	14

Fall Semester- Year 4	
Course or Requirement	Units
MATH (128B), 129B, 131B, or 175****	3
Math 115	3
SJSU Studies (R)	3
SJSU Studies (S)	3
University Elective	3
Total Semester Units:	15

Spring Semester- Year 4	
Course or Requirement	Units
MATH 126 or 201B	3
Math 104	3
SJSU Studies (V)	3
University Elective***	3
University Elective***	3
Total Semester Units:	15

NOTES:

Recommend Math 30W and Math 31W during Fall and Spring-Year 1 (respectively)

*Indicates GE classes that can be taken any semester prior to Spring Year 3

**MATH 134, 142, 143M, or 177 in Fall Year 3 can be replaced with MATH 143C or 178 in Spring Year 2

***MATH 102 is required in order to meet the subject matter requirement for a teaching credential and can replace either of these University Electives

****MATH 129B, 131B, or 175 in Fall Year 4 can be replaced with MATH 128B in either Spring Year 3 or Year 4