

Advising Road Map

Major:	BA Mathematics
Concentration in:	
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 or 30PL (GE Area: B4)	3
MATH 50, 109, 167, CS 46A, 49C or 49J	3
ENGL 1A (GE Area: A2)	3
GE Area A1	3
GE Area E*	3
Total Semester Units:	15

Spring Semester- Year 1

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

Fall Semester- Year 2

Course or Requirement	Units
MATH 32	3
MATH 108	3
PHYS 51, 52 or MATH 161A	4
Amer Inst + GE Area D2, US1, US2, US3 (HIST 15A, AFAM 2A, AAS 33A, MAS 10A)	3
GE Area C1*	3
Register to take WST	
Total Semester Units:	16

Spring Semester- Year 2

Course or Requirement	Units
MATH 129A	3
Upper Division Math Elective	3
GE Area C2*	3
Amer Inst + GE Area D3, US1, US2, US3 (HIST 15B, AFAM 2B, AAS 33B, MAS 10B)	3
GE Area D1*	3
Total Semester Units:	15

Fall Semester- Year 3

Course or Requirement	Units
MATH 112, 113, 115 or 138	3
MATH 128A	3
GE Area C1 or C2*	3
GE Area B2*	3
University Elective	3
Total Semester Units:	15

Spring Semester- Year 3

Course or Requirement	Units
MATH 131A	3
Upper Division Math Elective	3
Math 100W (Z)	3
University Elective	4
KIN (PE)	1
Total Semester Units:	14

Fall Semester- Year 4

Course or Requirement	Units
Upper Division Math Elective	3
Math (128B), 129B, 131B, 175**	3
SJSU Studies (R)	3
SJSU Studies (S)	3
University Elective	3
Total Semester Units:	15

Spring Semester- Year 4

Course or Requirement	Units
Upper Division Math Elective	3
Upper Division Math Elective	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 129B, 131B or 175 in Fall-Year 4 can be replaced with Math 128B in Spring-Year 4