

Advising Road Map

Major:	BS Applied Mathematics
Concentration in:	Statistics
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
ENGL 1A (GE Area: A2)	3
GE Area A1	3
GE Area E*	3
GE Area C1*	3
Total Semester Units:	15

Spring Semester- Year 1

Course or Requirement	Units
MATH 31	4
MATH 42	3
GE Area B2(+B3)*	3
PHIL 57 (GE Area: A3) preferred	3
KIN (PE)	1
Total Semester Units:	14

Fall Semester- Year 2

Course or Requirement	Units
MATH 32	3
MATH 161A	3
GE Area B1(+B3)*	3
Amer Inst + GE Area D2, US1, US2, US3 (HIST 15A, AFAM 2A, AAS 33A, MAS 10A)	3
Lower Division Support Course**	4
Register to take WST	
Total Semester Units:	16

Spring Semester- Year 2

Course or Requirement	Units
MATH 129A	3
MATH 161B	3
GE Area C2*	3
Amer Inst + GE Area D3, US1, US2, US3 (HIST 15B, AFAM 2B, AAS 33B, MAS 10B)	3
Lower Division Support Course**	4
Total Semester Units:	16

Fall Semester- Year 3

Course or Requirement	Units
MATH 167	3
MATH 163	3
GE Area C1 or C2*	3
GE Area D1*	3
Upper Division Support Course***	3
Total Semester Units:	15

Spring Semester- Year 3

Course or Requirement	Units
MATH 164	3
Upper Division Support Course***	3
Math 100W (Z)	3
Upper Division Elective (from list)****	3
University Elective	3
Total Semester Units:	15

Fall Semester- Year 4

Course or Requirement	Units
Upper Division Elective (from list)****	3
Upper Division Elective (from list)****	3
University Elective	4
SJSU Studies (R)	3
KIN (PE)	1
Total Semester Units:	14

Spring Semester- Year 4

Course or Requirement	Units
Upper Division Elective (from list)****	3
Upper Division Elective (from list)****	3
Upper Division Elective (from list)****	3
Upper Division Elective (from list)****	3
SJSU Studies (V)	3
SJSU Studies (S)	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. GE B3 can be taken with either B1 or B2.

**Lower Division Support Course must be from Economics, Business, Science or Engineering. They must be approved by the Department of Mathematics and Statistics.

***Upper Division Support Course must be from Mathematics, CS, Science or Engineering. It can be in MATH 203 or similar applied mathematics projects. The choices must be approved by the Department of Mathematics and Statistics.

****Upper Division Electives must be from the following list of courses: MATH 112, 131A or 134 (only one of MATH 131A or 134 can be taken), 142, 143C, 143M, 162, 178, 261A, 261B, 265, or 266.