

Advising Road Map

Major:	BS Applied Mathematics
Concentration in:	Economics and Actuarial Science
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 B1(+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 129A	3
MATH 134	3
Amer Inst + GE Area D2, US1, US2, US3 (HIST 15A, AFAM 2A, AAS 33A, MAS 10A)	3
ECON 1A	4
Register to take WST	
Total Semester Units:	16

Spring Semester- Year 2

Course or Requirement	Units
MATH 161A	3
MATH 50, MATH 109, MATH 167, CS 46A, CS 49C, or CS 49J	3
GE Area C2*	3
Amer Inst + GE Area D3, US1, US2, US3 (HIST 15B, AFAM 2B, AAS 33B, MAS 10B)	3
ECON 1B (GE Area D1)	4
Total Semester Units:	16

Fall Semester- Year 3

Course or Requirement	Units
ECON 101	4
MATH 161B	3
University Elective	2
GE Area B2(+B3)*	3
GE Area C1 or C2*	3
Total Semester Units:	15

Spring Semester- Year 3

Course or Requirement	Units
ECON 102	4
BUS2 190	3
Math 100W (Z)	3
MATH 178	3
KIN (PE)	1
Total Semester Units:	14

Fall Semester- Year 4

Course or Requirement	Units
MATH 177 or ISE 170	3
MATH 163	3
SJSU Studies (R)	3
Upper Division Major Elective	3
Upper Division Major Elective	3
Total Semester Units:	15

Spring Semester- Year 4

Course or Requirement	Units
MATH 143C	3
SJSU Studies (V)	3
SJSU Studies (S)	3
Upper Division Major Elective	3
Upper Division Major 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. GE B3 can be taken either with B1 or B2.