Advising Road Map

Major:	BS - Applied Mathematics
Concentration:	Statistics
Total Units to Degree:	120
Academic Year:	2018 - 2019

The following road map is a path of courses 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*
GE Area A1	3
GE Area E*	3
GE Area C1*	3
MATH 30, 30P or 30PL (GE Area: B4)	3
GE Area A2 (ENGL 1A preferred)	3
Total Semester Units:	15

Spring Semester - Year 1

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

Fall Semester - Year 2

Course or Requirement	*Units*
GE Area B1(+B3)*	3
GE Area D2 or D3/US123	3
MATH 32	3
MATH 161A	3
Lower Division Support Course**	4
Register to take WST	
Total Semester Units:	16

Spring Semester - Year 2

Course or Requirement	*Units*
GE Area C2*	3
GE Area D2 or D3/US123	3
MATH 129A	3
MATH 161B	3
Lower Division Support Course**	4
Total Semester Units:	16

Fall Semester - Year 3

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

Spring Semester - Year 3

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

Fall Semester - Year 4

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

Spring Semester - Year 4

Course or Requirement	Units
SJSU Studies (V)	3
SJSU Studies (S)	3
Upper Division Elective (From List)****	3
Upper Division Elective (From List)****	3
Upper Division Elective (From List)****	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.