

General Engineering Advising Road Map

Major:	BS General Engineering
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, Calculus I	3
Chem1A, Gen Chem	5
Engr 10, Intro to Eng (Area:E)	3
Eng 1A, Composition I (Area: A2)	3
Total Semester Units:	14

Spring Semester- Year 1	
Course or Requirement	Units
Math 31, Calculus II	4
Physics 50, Mechanics	4
Communications (Area: A1)	3
Eng 1B, Composition II (Area: C3)	3
Total Semester Units:	14

Fall Semester- Year 2	
Course or Requirement	Units
Math 32, Calculus III	3
Physics 51, Electricity & Magnetism	4
American Studies 1A or GE (Area C1, D2)	6
CE99, Introductory Statics	2
Total Semester Units:	15

Spring Semester- Year 2	
Course or Requirement	Units
CMPE30 Programming Concepts	3
American Studies 1B or GE (Area C2, D3)	6
EE98, Intro to Circuit Analysis	3
MatE25, Intro to Materials	3
Total Semester Units:	15

Fall Semester- Year 3	
Course or Requirement	Units
ENGR100W (Area Z and R)	3
Math123 Diff. Eq & Lin. Alge	3
Approved core Course	3
Approved Core Course	3
Approved Core Course	3
Approved Core Course	2
Total Semester Units:	17

Spring Semester- Year 3	
Course or Requirement	Units
GE Area: S	3
Approved core Course	3
Approved Core Course	3
Approved core Course	3
Approved Core Course	3
Total Semester Units:	15

Fall Semester- Year 4	
Course or Requirement	Units
GE Area: V	3
Approved core Course	3
Approved Core Course	3
Approved Elective Course	3
Approved Elective Course	3
Total Semester Units:	15

Spring Semester- Year 4	
Course or Requirement	Units
Approved core Course	3
Approved Core Course	3
Approved Elective Course	3
Approved Elective Course	3
Approved Elective Course *	3
Total Semester Units:	15

NOTES: * At least one elective course must be a senior design course.