

**Advising Road Map**

Major:	BS Software Engineering
Concentration in:	
Total Units to Degree:	120
Academic Year:	2018 - 2019

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
CS 46A	4
ENGR 10 (E)	3
MATH 30 (B4)	3
MATH 30W	
GE Area A1	3
ENGL 1A (A2)	3
Total Semester Units:	16

**Spring Semester- Year 1**

Course or Requirement	Units
ENGL 1B (C2)	3
MATH 42	3
PHYS 50 (B1/B3)	4
CS 46B	4
Total Semester Units:	14

**Fall Semester- Year 2**

Course or Requirement	Units
MATH 31 (B4)	4
MATH 31W	
BIOL 10 (B2)	3
CMPE 131	3
AMS 1A (GE Areas C1, D2)	6
Register to take WST	
Total Semester Units:	16

**Spring Semester- Year 2**

Course or Requirement	Units
PHYS 51 (B1/B3)	4
MATH 32 (B4)	3
CS 146	3
AMS 1B (GE Areas C2, D3)	6
Total Semester Units:	16

**Fall Semester- Year 3**

Course or Requirement	Units
CMPE 120	3
CMPE 133	3
CS 151	3
CS 157A	3
MATH 161A/ISE 130	3
Total Semester Units:	15

**Spring Semester- Year 3**

Course or Requirement	Units
ENGR 100W (R/Z)	3
CMPE 148	3
CS 149	3
CMPE 102	3
MATH 123	3
Total Semester Units:	15

**Fall Semester- Year 4**

Course or Requirement	Units
CMPE 172	3
CS 166	3
CMPE 187	3
CMPE 165	3
CMPE 195A	2
ENGR 195A (S/V)	1
Total Semester Units:	15

**Spring Semester- Year 4**

Course or Requirement	Units
ENGR 195B (S/V)	1
Technical Elective	3
Technical Elective	3
CMPE 195B	3
ISE 164	3
Total Semester Units:	13

NOTES: a) A minimum 2.0 GPA in all REQUIRED COURSES and TECHNICAL ELECTIVES taken at SJSU has been achieved; b) A minimum "C" in MATH 030, MATH 031 and PHYS 050 has been achieved; c) A minimum "C-" in the remaining courses in preparation for the major as well as in all courses in requirements of the major has being acheived; d) A minimum "C" in CMPE 195 A/B and ENGR 195 A/B has been achieved.