

Advising Road Map

Major:	BS Materials Engineering
Concentration in:	
Total Units to Degree:	122
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
CHEM 1A (B1/B3)	5
MATH 30 (B4)	3
MATH 30W	1
ENGL 1A (A2)	3
ENGR 10 (E)	3
Total Semester Units:	15

Spring Semester- Year 1

Course or Requirement	Units
MATH 31 (B4)	4
MATH 31W	1
CHEM 1B (B1/B3)	5
PHYS 50 (B1/B3)	4
ENGL 1B (C2)	3
Total Semester Units:	17

Fall Semester- Year 2

Course or Requirement	Units
MATH 32 (B4)	3
MATE 25	3
PHYS 51 (B1/B3)	4
AMS 1A	6
Register to take WST	
WRITING SKILLS TEST	
Total Semester Units:	16

Spring Semester- Year 2

Course or Requirement	Units
MATH 133A	3
CE 99	2
EE 98	3
AMS 1B	6
GE (A1) ORAL COMM	3
Total Semester Units:	17

Fall Semester- Year 3

Course or Requirement	Units
ENGR 100W (Z & R)	3
CHEM 161A	3
MATE 115 (LD)	3
CHE 162	3
MATE 153	3
MATE 143	1
Total Semester Units:	16

Spring Semester- Year 3

Course or Requirement	Units
MATE 151	3
MATE 154	3
MATE 141	3
MATE 155	3
MATE 144	1
TECH ELECTIVE	3
Total Semester Units:	16

Fall Semester- Year 4

Course or Requirement	Units
MATE 195 (JC, 100W)	3
MATE 185 (JC, 100W)	3
MATE 198A (JC, 100W)	2
TECH ELECTIVE	3
CHE 161 (JC, 100W)	1
Engr 195A (S)	1
Total Semester Units:	13

Spring Semester- Year 4

Course or Requirement	Units
MATE 152 (JC, 100W)	3
MATE 186	3
MATE 198B	2
TECH ELECTIVE	3
Engr 195B (V)	1
Total Semester Units:	12

NOTES: