Advising Road Map

Major: BS Industrial and Systems Engineering

Concentration in:

Total Units to Degree: 120

Academic Year:

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	3
Chem 1A	5
Engr 10	3
Engl 1A	3
Total Semester Units:	14

Spring Semester- Year 1

Course or Requirement	Units
Math 31	4
Phys 50	4
Engl 1B	3
Oral Communication	3
Total Semester Units:	14

Fall Semester- Year 2

Course or Requirement	Units
Math 32	3
Phys 51	4
American Studies 1A	6
CmpE 30	3
Total Semester Units:	16

Spring Semester- Year 2

Course or Requirement	Units
MatE 25	3
ME 20	2
Math 123	3
American Studies 1B	6
Total Semester Units:	14

Fall Semester- Year 3

Course or Requirement	Units
ISE 102	3
Approved Technical Elective	3
ISE 130	3
Engr 100W	3
ISE 142	3
Total Semester Units:	15

Spring Semester- Year 3

Course or Requirement	Units
ISE 131	3
ISE 120	3
ISE 170	3
ISE 105	3
Approved Technical Elective	3
Total Semester Units:	15

Fall Semester- Year 4

Course or Requirement	Units
ISE 151	3
ISE 135	3
ISE 140	3
ISE 167	3
ISE 195A	1
SJSU STUDIES	3
Total Semester Units:	16

Spring Semester- Year 4

Course or Requirement	Units
ISE 115	3
ISE 155	3
ISE 195B	3
SJSU STUDIES	3
CmpE 131	3
Approved Technical Elective	1
Total Semester Units:	16

NOTES: