

Advising Road Map

Major:	BS	Industrial Technology
Concentration in:	Manufacturing Systems (MFGS)	
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	GE-AI-GWAR	Units
English 1A *	GE A2	3
GE Course C1 course *	GE C1	3
GE Course A1 course *	GE A1	3
Math 71	Major	3
Math 71W	Optional	0
¹ Tech 60 (Coreq: Math 008/ HS Algebra)	Major	3
Total Semester Units:		15

Spring Semester- Year 1		
Course or Requirement	GE-AI-GWAR	Units
English 1B *	GE C3	3
Econ 1B *	GE D1	4
Tech 020	Major	2
Tech 041	Major	1
Phys 2A *	GE B3	4
Phys 2AW (1)	Optional	0
Total Semester Units:		14

Fall Semester- Year 2		
Course or Requirement	GE-AI-GWAR	Units
Bus 090	Minor	3
Phys 2B*	GE	4
¹ Tech 046	Major	3
¹ Tech 065	Major	3
Engr 010	GE E	3
Total Semester Units:		16

Spring Semester- Year 2		
Course or Requirement	GE-AI-GWAR	Units
¹ Tech 045	Major	3
CmpE 30	Major	3
Chem 1A	GE B1	5
¹ Tech 025	Major	3
Pass the WST		
Total Semester Units:		14

Fall Semester- Year 3		
Course or Requirement	GE-AI-GWAR	Units
GE Area D2 course *	GE D2	3
¹ Tech 115	Major	3
Engr 100W **	GE R, Z	3
Bus 140 or 145	Minor	3
¹ Tech 140	Major	3
Total Semester Units:		15

Spring Semester- Year 3		
Course or Requirement	GE-AI-GWAR	Units
GE Area A3 course *	GE A3	3
GE Area C2 course *	GE C2	3
GE Area D3 course *	GE D3	3
² Tech 031	Major	3
Tech 145	Major	3
1 Tech Elective	Major	1
Total Semester Units:		16

Fall Semester- Year 4		
Course or Requirement	GE-AI-GWAR	Units
BUS 142	Minor	3
Bus 186 **	GE S	3
¹ Tech 147	Major	3
Tech 198 **	GE V	3
¹ Tech 190A	Major	3
Total Semester Units:		15

Spring Semester- Year 4		
Course or Requirement	GE-AI-GWAR	Units
Bus 141 or 144	Minor	3
1 Tech Elective	Major	3
1 Tech Elective	Major	3
² Tech 149	Major	3
² Tech 190B	Major	3
Total Semester Units:		15

NOTES:

Math requirement: Math 71 or Equivalent. May be met with Math 30 or Equivalent.

Physics Requirement: Phys 2A & 2B. May be met with Phys 50 (for 2A) and Phys 51 (for 2B) or their equivalents.