

# San Jose State University

## Bachelor of Science Degree in General Engineering

### Sample Four-Year Plan

#### Freshmen Year

Fall	Units	Spring	Units
Math 30, Calculus I	3	Math 31, Calculus II	4
Chem 1A, General Chemistry	5	Physics 50, Mechanics	4
Engr 10, Intro to Eng. (GE Area E)	3	Comm20 (GE Area A1)	3
Eng 1A, Composition I (GE Area A2)	3	Eng 1B, Composition II (GE Area C2)	3
		CmpE 30, Intro To Computer Prog.	3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>17</b>

#### Sophomore Year

Fall	Units	Spring	Units
Math 32, Calculus III	3	CE 99, Introductory Statics	2
Physics 51, Electricity & Magnetism	4	Math123 Diff Equ and Linear Algebra	3
Am. Studies 1A	6	Am Studies 1B	6
Mate 25, Intro to Materials	3	EE 98, Intro To Circuit Analysis	3
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>14</b>

#### Junior Year \*

Fall	Units	Spring	Units
ENGR 100W Engineering Reports * *	3	GE (Area S)	3
Approved core *	3	Approved core	3
Approved core	3	Approved core	3
Approved core	3	Approved core	3
Approved core	3	Approved core	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>

\* A 'program of study' including all Junior and Senior level courses must be approved by a General Engineering advisor prior to enrolling in any Junior level course.      \*\* Must pass WST before enrolling in ENGR100W

#### Senior Year

Fall	Units	Spring	Units
GE (Area V)	3	Approved Core	3
Approved Core	3	Approved Core	3
Approved Core	2	Approved Elective	3
Approved Elective	3	Approved Elective	3
Approved Senior Project	3	Approved Senior Project	3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>15</b>