

SUMMER 2019	FALL 2019	WINTER 2020	SPRING 2020
		<p data-bbox="1030 336 1361 427">Engr 11: Mat Lab</p> <p data-bbox="1030 437 1361 528">Physics 4C</p> <p data-bbox="1030 544 1361 639">COMM 1A: Public Speaking</p>	<p data-bbox="1494 331 1835 432">Physics 4D: Modern Physics</p> <p data-bbox="1494 443 1835 544">Math 2A: Differential Equations</p> <p data-bbox="1494 560 1835 655">Biol 10: GEN Bio: Basic Principles</p> <p data-bbox="1242 740 1806 970">Smog My Car</p>

SUMMER 2020	FALL 2020	WINTER 2021	SPRING 2021
<p data-bbox="153 311 480 406">Internship</p>	<p data-bbox="592 327 930 430">Engr 45: (5units) Properties of Materials</p> <p data-bbox="592 438 930 542">Engr 10: (3units) Intro to Engineering</p> <p data-bbox="602 558 930 662">Engr 35: (5units) Statics</p>	<p data-bbox="1308 319 1645 430">Math 28: (5units) Linear Algebra</p> <p data-bbox="1073 438 1410 550">Math 22: (5unit) Discrete Math</p> <p data-bbox="1083 550 1420 670">Engr 37: (5units) Intro to circuit Analysis</p> <p data-bbox="1093 670 1420 782">Engr 37L: (2units) Circuits Analysis: Lab</p>	<p data-bbox="1522 454 1860 558">CS 18: (4.5 units) Intermediate Java</p>

SUMMER 2021

Internship

FALL 2021

ME 30: (2 units)
Computer Applications

CE 112: (3 units)
Mechanics of Materials

ME/TECH 41: (1 unit)
Shop Safety

ME 113: (4 units)
Thermodynamics

ME 101: (3 units)
Dynamics

SPRING 2022

ME 130: (3 units)
Applied Engineering Analysis

ME 114: (3 units)
Heat Transfer

ME 115 (3 units)
Thermal Engineering Lab

ME 111: (3 units)
Fluid Mechanics

Engr 100w: (3 units)
Engineering Reports

SUMMER 2022

Internship

FALL 2022

ME154: (4units)
Mechanical Engineering Design

ME 120: (2units)
Experimental Method

ME 106: (3units)
Fundamentals of Mechatronics

ME 147: (3units)
Dynamic System Vibration & control

SPRING 2023

~~Elective~~
Elective (Technical)
(3unit)

Technical
Elective
(3unit)

Capstone (3unit)

SUMMER 2023

Internship

FALL 2023

ME 195A: (3units)
Senior Design Project

Engr 195A: (1unit)
Global & Social impact of Engineering

SPRING 2024

ME 195B: (3units)
Senior Design Project

ENGR 195B: (1unit)
Global & Social impact of Engineering

SUMMER 2024

FALL 2024

SPRING 2025

Get A Job...

Masters Degree?

Five-Year Plan for a ME Undergraduate Degree

<i>Year One</i>			
<u>Fall</u>	<u>Units</u>	<u>Spring</u>	<u>Units</u>
MATH 30 Calculus I	3	MATH 31 Calculus II	4
ENGR 10 Intro to Engineering	3	PHYS 50 Gen. Phys/Mech.	4
ENGL 1A Composition I	3	ME 20 Design & Graphics	2
CHEM 1A General Chemistry	5	ENGL 1B Composition II*	3
	14		13

<i>Year Two</i>			
<u>Fall</u>	<u>Units</u>	<u>Spring</u>	<u>Units</u>
MATH 32 Calculus II	3	MATH 133A Diff. Equations	3
PHYS 51 Gen. Phys/Elec. Mag.	4	PHYS 52 Gen. Phys/Heat & Light	4
ME 30 Computer Applications	2	CE 95 Statics	3
General Education (A1)	3	EE 98 Intro. to Circuit Analysis	3
	12		13

<i>Year Three</i>			
<u>Fall</u>	<u>Units</u>	<u>Spring</u>	<u>Units</u>
MATE 25 Intro. to Materials	3	ME 113 Thermodynamics	4
CE 112 Mechanics of Materials	3	ME 101 Dynamics	3
AMS 1a or General Education C1,D2**	6	AMS 1b or General Ed. C2,D3	6
ME/Tech 41 Shop Safety	1		
	13		13

<i>Year Four</i>			
<u>Fall</u>	<u>Units</u>	<u>Spring</u>	<u>Units</u>
ME 130 Applied Engr. Analysis	3	ME 154 Mechanical Engr. Design	4
ME 114 Heat Transfer	3	ME 120 Experimental Methods	2
ME 115 Thermal Engr. Lab	1	ME 106 Fund. of Mechatronics	3
ME 111 Fluid Mechanics	3	ME 147 Dyn. Sys. Vibs. & Cont.	3
ENGR 100W Engr. Reports	3		
	13		12

<i>Year Five</i>			
<u>Fall</u>	<u>Units</u>	<u>Spring</u>	<u>Units</u>
ME 195A Senior Design Proj. I	3	ME 195B Senior Design Proj. II	3
Capstone (ME 157, 182, or 190)	3	Technical Elective #2	3
Technical Elective #1	3	Engr 195B (SJSU Studies S/V)	1
Engr 195A (SJSU Studies S/V)	1		
	10		7

* Take WST upon completion of ENGL 1B

** American Studies 1A and 1B satisfy C1, C2, D1, D2, and D3;
or choose D2/D3 courses to double count for F1, 2, and 3
areas. Add D1 if you do not take AMS 1a, 1b.

Fall 2014