

Bold= must take courses & pass before applying

Shaded: Graduate Level

SF State Scholars *Tentative* Computer Engineering Roadmap

****Students must meet with their advisor prior to registering for courses. This roadmap is designed for general planning ONLY! Roadmaps for more than 5 years plan may vary please consult with your department.**

Freshman

Sophomore

Junior

Senior

Graduate

Fall	Spring
CHEM 180 or 115	ENGR 213
ENG 114	MATH 227
ENGR 100 + 121+212	PHYS 220+222
MATH 226	Area D
Area A	Area E
17-19 Units (17-19 total)	17 Units (34-36 total)

Fall	Spring
CSC 210	MATH 245
MATH 228	ENGR 205+206
PHYS 230/232	CS 220
Area B2	CS 230
Area C	Area D
17 Units (51-53 total)	16 Units (67-69 total)

Fall	Spring	Summer
ENGR 300+301	ENGR 451	UD-C
ENGR 305	ENGR 476	UD-D
ENGR 353	ENGR 478	Area C
ENGR 356+357	CSC 340	
Area C	Area D	
17 Units (84-86 total)	16 Units (100-102 total)	9 Units (109-111 total)
Apply to SF Scholars		
81 Units (GE Requirements)		3.0 GPA

Fall	Spring
CS 413	ENGR 697 GW
ENGR 456	ENGR 378
ENGR 696	UD-Elective
UD-Elective	ENGR 852
ENGR 844	Graduate Elective
Graduate Elective	
16-17 Units (125-128 total)	17 Units (142-145 total)

Fall	Spring
ENGR 800	ENGR 801
ENGR 897 or Graduate Elective	Graduate Elective
Graduate Elective	ENGR 898 or 895
9 Units (151-154 total)	9 Units (160-163 total)

Minimum Units required for Bachelors =128
Minimum Units required for Masters = 30

Computer Engineering Prerequisite Flow Chart

