

Shaded= Graduate Level Courses

SF State Scholars *Tentative* 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 271
ENG 114	MATH 227
ENGR 100 + 101	PHYS 220+222
MATH 226	Area D
Area A	Area E
15-17 Units (15-17 total)	15 Units (30-32 total)

Fall	Spring
ENGR 102	ENGR 201
ENGR 200	ENGR 205
MATH 228	ENGR 235
PHYS 230+232	MATH 245
Area C	PHYS 240+242
17 Units (47-49 total)	16 Units (63-65 total)

Fall	Spring	Summer
ENGR 300	ENGR 302	Area C
ENGR 304	ENGR323	Area D
ENGR 309	ENGR 429	
ENGR 434	ENGR 430	
Area C	ENGR 436	
Area D	Area B2	
18 Units (81-83 total)	16 Units (97-99 total)	6 Units (103-105 total)
Apply to SF Scholars		
81 Units (GE Requirements)		3.0 GPA

Fall	Spring
ENGR 425	ENGR 697 GW
ENGR 696	SF Elective
SF Elective	SF Elective
SF Elective	UD-C
ENGR 800	UD-D
GRAD Elective	ENGR 801
16 Units (119-121 total)	17 Units (136-138 total)

Fall	Spring
ENGR 833	ENGR 836
ENGR 897 or Grad Elective	ENGR Grad Elective
ENGR Grad Elective	ENGR 898 or ENGR 895
ENGR Grad Elective	
12 Units (148-150 total)	9 Units (157-159 total)

Minimum Units required for Bachelors =127
Minimum Units required for Masters = 30