SF State Scholars
*Tentative* Mechanical 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.

**Bold= must take courses & pass before applying
**Green= Undergraduate courses
**Orange= Graduate Courses

### Freshman
- **Fall**: CHEM 180 or 115, MATH 226
- **Spring**: PHYS 220+222, ENGR 100 + 101, GE Area A1, ENGR 200, GE Area A2, GE Area C
- **Units**: 15-17 Units (15-17 total)

### Sophomore
- **Fall**: ENGR 102, MATH 228, PHYS 230+232, US History or Gov’t, GE Area E
- **Spring**: ENGR 201, ENGR 205+206, MATH 245, PHYS 240+242
- **Summer**: GE Area B2, GE Area D1
- **Units**: 17 Units (47-49 total), 17 Units (64-66 total), 6 Units (70-72 total)

### Junior
- **Fall**: ENGR 300, PHYS 230+232, GE Area E
- **Spring**: ENGR 301, ENGR 309, MATH 245
- **Summer**: GE Area C
- **Units**: 15 Units (85-87 total), 14 Units (99-101 total), 6 Units (105-107 total)

### Senior
- **Fall**: ENGR 696, ENGR 697, GW
- **Spring**: ENGR 467, ENGR 463
- **Summer**: GE Area D1, ENGR 800, ENGR 860
- **Units**: 13 Units (118-120 total), 14 Units (132-134 total)

### Graduate
- **Fall**: ENGR 897 or Grad Elective
- **Spring**: ENGR 898 or ENGR 895
- **Units**: 12 Units (134-136 total)

### Minimum Units required for Bachelors
- 127 Units

### Minimum Units required for Masters
- 30 Units

Apply to SF Scholars
- **Units**: 81 Units (GE Requirements)
- **GPA**: 3.0 GPA

ENGR 696/697 align w/ Grad Project