

**Bold= must take courses & pass before applying**

**Shaded= Graduate Courses**

## SF State Scholars \*Tentative\* Chemistry 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	Summer
CHEM 115	MATH 227	Area C
Area A2 (ENG 114)	CHEM 215 & 216	SF Elective
MATH 226	PHYS 220 & 222	
Area A	Area E	
<b>15 Units</b> <b>(15 total)</b>	<b>16 Units</b> <b>(31 total)</b>	<b>6 Units</b> <b>(37 total)</b>

Fall	Spring	Summer
CHEM 233 & 234	CHEM 335 & 336	SF Elective
PHYS 230 & 232	CHEM 321 & 322	SF Elective
Area C	Area D	
Area A	Area D	
<b>15 Units</b> <b>(52 total)</b>	<b>16 Units</b> <b>(68 total)</b>	<b>6 Units</b> <b>(74 total)</b>

Fall	Spring
CHEM 251	CHEM 353
CHEM 351	CHEM 426
CHEM 325	CHEM 390 GW
Area C	UD-B
Area D	UD-C
<b>15 Units</b> <b>(89 total)</b>	<b>14 Units</b> <b>(103 total)</b>
<b>Apply to SF Scholars</b>	
Completed 60 units	3.0 GPA

Fall	Spring
CHEM 340	CHEM UD Elective
CHEM 451	CHEM UD Elective
CHEM UD Elective	Graduate Elective
UD-D	CHEM 879
Graduate Elective	
<b>14 Units</b> <b>(114 total)</b> <b>Grad (3)</b>	<b>6 Units</b> <b>(120 total)</b> <b>Grad (9)</b>

Fall	Spring
CHEM 880	CHEM 897
CHEM 897	CHEM 897
Graduate Elective	Culminating Experience
Graduate Elective	
<b>12 Units</b> <b>Grad (21)</b>	<b>9 Units</b> <b>Grad (30)</b>

Minimum Units required for Bachelors =120  
Minimum Units required for Masters = 30