**SF State Scholars**
*Tentative* Biochemistry + Chemistry (Biochemistry Concentration) 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**

**Shaded= Graduate Courses**

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**Fall**  |  **Spring**  |  **Summer**
---|---|---
CHEM 115  |  MATH 227  |  
Area A2 (ENG 114)  |  CHEM 215/216  |  
MATH 226  |  PHYS 111/112 or 220/222  |  
Area A  |  Area E  |  
15 Units (15 total)  |  16 Units (31 total)  |  

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**Fall**  |  **Spring**  |  **Summer**
---|---|---
CHEM 233/234  |  CHEM 335  |  SF Elective
PHYS 121/122 or 240/242  |  BIO 230  |  SF Elective
CHEM 321  |  Area C  |  
Area A  |  Area D  |  
15 Units (46 total)  |  14 Units (60 total)  |  6 Units (66 total)

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**Fall**  |  **Spring**  |  **Summer**
---|---|---
CHEM 340  |  CHEM 300  |  
CHEM 343  |  CHEM 341  |  
Major UD-Elective  |  Major UD-Elective  |  
UD-B  |  SF Elective  |  
UD-C  |  Related Study  |  
CHEM 321  |  Area C  |  
Area D  |  Area D  |  
15 Units (81 total)  |  15 Units (96 total)  |  
**Apply to SF Scholars**

Completed 60 units  |  3.0 GPA  |  

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**Fall**  |  **Spring**  |  **Summer**
---|---|---
CHEM 301  |  Major UD Elective  |  CHEM 897
Major UD-Elective  |  UD-D  |  
UD-B  |  SF Elective  |  
UD-C  |  Related Study  |  
CHEM 879  |  
15 Units (111 total)  |  15 Units (120 total)  |  3 Units (Grad 6)
Grad (21)  |  Grad (30)  |  

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