Bachelor of Science, College of Health and Human Sciences  
Forensic Science, Chemistry (120 units) ROAD MAP

**IMPORTANT**

- **IF YOU WANT TO GRADUATE IN 4 YEARS, FOLLOW THE ROADMAP BELOW.**
- **TAKING SCIENCE COURSES IN SUMMER/WINTER IS RECOMMENDED TO REDUCE SCIENCE COURSE LOAD DURING FALL/Spring.**
- **TAKE CHEM 1A IN YOUR FIRST SEMESTER OR AS SOON AS POSSIBLE. IF YOU ARE NOT ACADEMICALLY PREPARED FOR CHEM 1A, TAKE CHEM 10 OR 30 FIRST – IN YOUR FIRST SEMESTER.**
- **CHEM 145 ONLY OFFERED IN FALL; CHEM 155 ONLY OFFERED IN SPRING.**
- **YOU DO NOT NEED TO TAKE GE COURSES IN AREA B.**
- **SOME LOWER DIVISION COURSES MAY BE TAKEN AT COMMUNITY COLLEGES.**
- **GE COURSE RECOMMENDATIONS: PHIL 057 (A3), PSYC 1 (D1), PHIL 133 (V), PHIL 160 (R), AMS 01A (C1 & D2), AMS 01B (C2 & D3).**
- **SEE GE ADVISOR IF YOU NEED ASSISTANCE CHOOSING OTHER GE COURSES.**

### 4-year plan for incoming freshmen

<table>
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<tr>
<th>YEAR</th>
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| 1 | FS 11 (3 units)  
Chem 1A (5 units)  
Stat 95 (3 units)  
GE Area A2 (3 units)  
*Take Calculus Placement Exam or Math 19*  
14 units | Chem 1B (5 units)  
Math 30 (3 units)  
Biol 030 (4 units)  
GE Area A1 (3 units)  
15 units |
| 2 | Phys 2A (4 units)  
Chem 55 & 55L (4 units)  
GE Area A3 (3 units)  
Rec: PHIL 57  
GE Area D1 (3 units)  
Rec: PSYC 1  
*Pass Writing Skills Test*  
14 units | Phys 2B (4 units)  
Chem 112A (3 units)  
GE Area C1 & D2 (6 units)  
Rec: AMS 01A  
GE Area E (3 units)  
16 units |
| 3 | FS 161 (3 units)  
FS or JS 100W (3 units)  
Chem 112B (3 units)  
Chem 113A (2 units)  
GE Area C2 & D3 (6 units)  
Rec: AMS 01B  
17 units | FS 162 (3 units)  
Chem 135 or 130A (4 units)  
Chem 160 (4 units)  
JS 114 (3 units)  
SJSU Studies Area V (3 units)  
Rec: PHIL 133  
*Apply to Graduate*  
17 units |
| 4 | Chem 145 (3 units)  
FS Upper Division Elective (6 units)  
JS 181 Practical Requirement (3 units)  
SJSU Studies Area R (3 units)  
Rec: PHIL 160  
15 units | FS 169 or JS 189 (3 units)  
Chem 155 (4 units)  
FS Upper Division Elective (3 units)  
SJSU Studies Area S (3 units)  
13 units |