

Advising Road Map

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|------------------------|--------------|
| Major: | BS Chemistry |
| Concentration in: | Biochemistry |
| Total Units to Degree: | 120 |
| Academic Year: | 2016-2017 |

The following road map is an advising tool that outlines a path of courses a student can take to complete requirements for graduation. This roadmap should be used in consultation with the catalog and your department to identify additional requirements for completing the major (for example course grade minimums). Students must have 60+ units in order to take SJSU Studies courses.

| Fall Semester- Year 1 | |
|-----------------------|-------|
| Course or Requirement | Units |
| CHEM 1A (B1/B3) | 5 |
| MATH 30 (B4) | 3 |
| ENGL 1A (A2) | 3 |
| GE: Area E | 3 |
| KIN (PE) | 1 |
| Total Semester Units: | 15 |

| Spring Semester- Year 1 | |
|-------------------------|-------|
| Course or Requirement | Units |
| CHEM 1B (B1/B3) | 5 |
| MATH 31 (B4) | 4 |
| BIOL 30 (B2/B3) | 4 |
| ENGL 1B (C2) | 3 |
| Total Semester Units: | 16 |

| Fall Semester- Year 2 | |
|-----------------------|-------|
| Course or Requirement | Units |
| CHEM 112A | 3 |
| CHEM 55 | 2 |
| CHEM 55 L | 2 |
| PHYS 2A (B1/B3) | 4 |
| GE: Area A1 | 3 |
| CHEM 120S | 1 |
| Register to take WST | |
| Total Semester Units: | 15 |

| Spring Semester- Year 2 | |
|---------------------------------------|-------|
| Course or Requirement | Units |
| CHEM 112B | 3 |
| CHEM 113A | 2 |
| PHYS 2B (B1/B3) | 4 |
| American Institutions 1A* (preferred) | 6 |
| Total Semester Units: | 15 |

| Fall Semester- Year 3 | |
|---------------------------------------|-------|
| Course or Requirement | Units |
| CHEM 130A (with CHEM 131B fulfills R) | 4 |
| CHEM 113B | 3 |
| GE: Area D1 | 3 |
| American Institutions 1B* (preferred) | 6 |
| Total Semester Units: | 16 |

| Spring Semester- Year 3 | |
|-------------------------|-------|
| Course or Requirement | Units |
| CHEM 130B (Spring only) | 4 |
| CHEM 131A | 2 |
| CHEM 100W (Z) | 3 |
| BIOL 115 | 4 |
| KIN (PE) | 1 |
| Total Semester Units: | 14 |

| Fall Semester- Year 4 | |
|---------------------------------------|-------|
| Course or Requirement | Units |
| CHEM 130C (Fall only) | 3 |
| CHEM 131B (with CHEM 103A fulfills R) | 3 |
| Upper Division Science Elective | 3 |
| Upper Division Science Elective | 3 |
| PHIL 133 (V) | 3 |
| Total Semester Units: | 15 |

| Spring Semester- Year 4 | |
|---------------------------------|-------|
| Course or Requirement | Units |
| CHEM 160 | 4 |
| SJSU Studies Area (S) | 3 |
| Upper Division Science Elective | 3 |
| Upper Division Science Elective | 4 |
| Total Semester Units: | 14 |

NOTES: BS Chem, conc Biochem majors are exempt from GE Area A3. *Choose GE courses that also fulfill (double count) for US1, US2, and US3; AMS 1A,B (C1/C2, D2/D3); HIST 15A,B (D2/D3); AAS 33A,B, (D2/D3); MAS 10A,B, (D2/D3).

