

Sample Academic Plan: Chemistry- Chemistry AS Degree

Catalog: 22-23

GE Pattern: Sierra College

Full Time, Total Units: 60

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call (916) 660-7400.

First Year

Semester 1 (16 units)

| Course Number | Course Title | Units | Area |
|----------------|---|---------|----------------------|
| CHEM 0001A | General Chemistry | 5 units | Major/SC Area A |
| ENGL 0001A | College Reading, Writing and Research | 4 units | SC Area D1/LS 1/LS 2 |
| MATH 0012/0030 | College Algebra/Analytical Geometry, Calculus I | 4 units | SC Area D2/LS 4 |
| | General Education | 3 units | SC Area E |

Semester 2 (14 units)

| Course Number | Course Title | Units | Area |
|---------------|----------------------|---------|-----------|
| CHEM 0001B | General Chemistry II | 5 units | Major |
| | General Education | 3 units | SC Area C |
| | General Education | 3 units | SC Area F |
| | Elective | 3 units | Elective |

Second Year

Semester 3 (14 units)

| Course Number | Course Title | Units | Area |
|---------------|---------------------|---------|--------------|
| CHEM 0012A | Organic Chemistry I | 5 units | Major |
| | General Education | 3 units | SC Area LS 3 |
| | General Education | 3 units | SC Area B |
| | Elective | 3 units | Elective |

Semester 4 (16 units)

| Course Number | Course Title | Units | Area |
|---------------|----------------------------------|---------|----------|
| CHEM 0012B | Organic Chemistry II | 5 units | Major |
| CHEM 0005 | Chemistry- Quantitative Analysis | 4 units | Major |
| | Elective | 3 units | Elective |
| | Elective | 3 units | Elective |