

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education 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 916.608.6510. **ATTENTION:** General Education requirements have changed for the 2025-2026 academic year. Please see [GE guidance page](#) for more information on the different pathways.

Total Units: 60

## First Year

### Semester 1

15 Units

| COURSE                                                                  | UNITS | PRE-REQS <sup>^</sup>         | SEMESTERS OFFERED* | GE AREA |
|-------------------------------------------------------------------------|-------|-------------------------------|--------------------|---------|
| <b>CHEM 400<sup>1</sup></b><br>General Chemistry I                      | 5     | See Note Below                | F, S               | L5      |
| <b>ENGWR 300</b><br>College Composition                                 | 3     |                               | F, S               | L1A     |
| <b>STAT 300</b><br>Introduction to Probability and Statistics <b>or</b> | 4     |                               | F, S               | L2      |
| <b>MATH C2210</b><br>Calculus I                                         | 5     | MATH 375<br>or MATH 372 & 373 | F, S               | L2      |
| <b>Living Skills: Life Development Skills</b>                           | 3-2   |                               | F, S               | L7B     |

<sup>1</sup> Chem 400 pre-requisites are intermediate algebra; and a college-level Chemistry course with a lab with a "C" or better or one year in high school Chemistry with a lab with a grade of "C" or better.

### Semester 2

14 Units

| COURSE                                          | UNITS | PRE-REQS <sup>^</sup>   | SEMESTERS OFFERED* | GE AREA |
|-------------------------------------------------|-------|-------------------------|--------------------|---------|
| <b>BIOL 400</b><br>Principles of Biology        | 5     | Chem 305<br>or Chem 400 | F, S               |         |
| <b>CHEM 401</b><br>General Chemistry II         | 5     | CHEM 400                | F, S               |         |
| <b>Living Skills: Physical Education</b>        | 1     |                         | F, S               | L7A     |
| <b>Oral Communication and Critical Thinking</b> | 3     | ENGL C1000              | F, S               | L1B     |

## Notes

**ATTENTION:** General Education requirements have changed for the 2025-2026 academic year. Please see [GE guidance page](#) for more information on the different pathways. For the previous academic year see [General Education requirements](#).

- FLC 2025-2026 [AA/AS](#) General Education requirements.
- A degree applicable elective is defined as any class with a course number between 100 and 499.
- Some English and math courses have support courses (co-requisites). See your assessment results for more details.
- Students may earn credit for College Entrance Board Advanced Placement (AP) tests with scores of 3, 4, or 5. AP scores can be used to meet Folsom Lake College associate degree general education , CSU,UC, and other 4 year University requirements --Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

## Second Year

### Semester 3

15-16 Units

| COURSE                                     | UNITS | PRE-REQS^ | SEMESTERS OFFERED* | GE AREA |
|--------------------------------------------|-------|-----------|--------------------|---------|
| <b>BIOL 410</b><br>Principles of Botany or | 5     | BIOL 400  | F, S               |         |
| <b>BIOL 411</b><br>Plant Science           | 4     |           |                    |         |
| <b>Biology Elective: See List Below</b>    | 5     |           | F, S               |         |
| <b>Social/Behavioral Science</b>           | 3     |           | F, S               | L4      |
| <b>Art and Humanities</b>                  | 3     |           | F, S               | L3      |

A minimum of 8 units from the following:

BIOL 323 Plants and People (4)

BIOL 350 Environmental Biology (3)

BIOL 380 Natural History Field Studies: Coastal Ecosystems (1)

BIOL 382 Natural History Field Studies: Desert Ecosystems (1)

BIOL 384 Natural History Field Study of Forest Ecosystems (1)

BIOL 386 Natural History Field Studies: Marine Ecosystems (1)

BIOL 388 Natural History Field Studies: River Ecosystems (1)

BIOL 389 Natural History Field Studies: Wetland Ecosystems (1)

CHEM 420 Organic Chemistry I (5) **RECOMMENDED FOR BIOL MAJORS**

CHEM 421 Organic Chemistry II (5)

MATH 400 Calculus I (5)

MATH 401 Calculus II (5)

PHYS 350 General Physics (4)

PHYS 360 General Physics (4)

PHYS 411 Mechanics of Solids and Fluids (4)

PHYS 421 Electricity and Magnetism (4)

PHYS 431 Heat, Waves, Light and Modern Physics (4)

### Semester 4

16-15 Units

| COURSE                                   | UNITS | PRE-REQS^ | SEMESTERS OFFERED* | GE AREA |
|------------------------------------------|-------|-----------|--------------------|---------|
| <b>BIOL 420</b><br>Principles of Zoology | 5     | BIOL 400  | F, S               |         |

### Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.

| COURSE                                  | UNITS | PRE-REQS^ | SEMESTERS OFFERED* | GE AREA |
|-----------------------------------------|-------|-----------|--------------------|---------|
| <b>Biology Elective: See List Below</b> | 5     |           | F, S               |         |
| <b>Ethnic Studies</b>                   | 3     |           | F, S               | L6      |
| <b>Degree Applicable Elective</b>       | 3-2   |           | F, S               |         |

A minimum of 8 units from the following:

BIOL 323 Plants and People (4)

BIOL 350 Environmental Biology (3)

BIOL 380 Natural History Field Studies: Coastal Ecosystems (1)

BIOL 382 Natural History Field Studies: Desert Ecosystems (1)

BIOL 384 Natural History Field Study of Forest Ecosystems (1)

BIOL 386 Natural History Field Studies: Marine Ecosystems (1)

BIOL 388 Natural History Field Studies: River Ecosystems (1)

BIOL 389 Natural History Field Studies: Wetland Ecosystems (1)

CHEM 420 Organic Chemistry I (5)

CHEM 421 Organic Chemistry II (5) **RECOMMENDED FOR BIOL MAJORS**

MATH 400 Calculus I (5)

MATH 401 Calculus II (5)

PHYS 350 General Physics (4)

PHYS 360 General Physics (4)

PHYS 411 Mechanics of Solids and Fluids (4)

PHYS 421 Electricity and Magnetism (4)

PHYS 431 Heat, Waves, Light and Modern Physics (4)

STAT C1000 Introduction to Statistics (4)

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