

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: 69-72

First Year

Semester 1

16 Units

| COURSE | UNITS | PRE-REQS [^] | SEMESTERS OFFERED* | GE AREA |
|--|-------|-----------------------|--------------------|---------|
| CHEM 400 ¹ General Chemistry I | 5 | See Note Below | F, S | L5 |
| ENGL C1000 ^Z Academic Reading and Writing | 3 | | F, S | L1A |
| College-Level Mathematics/Major Electives * ² ^Z | 5 | See Note Below | F, S | L2 |
| ECON 302 ^Z Principles of Macroeconomics or | 3 | | F, S | L4 |
| ECON 304 ^Z Principles of Microeconomics | 3 | | F, S | L4 |

^Z At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

¹ 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.

² Students should consult with a counselor on appropriate math, as this will vary depending on target transfer colleges. Math class should be selected from approved list of Environmental Science electives on second page.

Semester 2

17-18 Units

| COURSE | UNITS | PRE-REQS [^] | SEMESTERS OFFERED* | GE AREA |
|--|-------|-----------------------|--------------------|---------|
| BIOL 400 Principles of Biology | 5 | CHEM 400 | F, S | |
| CHEM 401 General Chemistry II | 5 | CHEM 400 | F, S | |
| Major Electives * | 4-5 | | F, S | |

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.

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

| COURSE | UNITS | PRE-REQS^ | SEMESTERS OFFERED* | GE AREA |
|---|-------|-----------|--------------------|---------|
| Oral Communications and Critical Thinking ^Z | 3 | ENGWR 300 | F, S | L1B |

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Summer

5 Units

| COURSE | UNITS | PRE-REQS^ | SEMESTERS OFFERED* | GE AREA |
|-------------------------|-------|-----------|--------------------|---------|
| Major Electives* | 5 | | S | |

Second Year

Semester 3

15-16 Units

| COURSE | UNITS | PRE-REQS^ | SEMESTERS OFFERED* | GE AREA |
|---|--------|-----------|--------------------|---------|
| BIOL 410 Principles of Botany or BIOL 411 Plant Science | 5 4 | BIOL 400 | F, S | |
| Major Electives* | 5 | | F, S | |
| Arts and Humanities ^Z | 3 | | F, S | L3 |
| Ethnic Studies | 3 | | F, S | L6 |

^Z At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

Semester 4

16-17 Units

| COURSE | UNITS | PRE-REQS^ | SEMESTERS OFFERED* | GE AREA |
|--|-------|-----------|--------------------|---------|
| BIOL 420 Principles of Zoology | 5 | | F, S | |
| Major Electives* | 5 | | F, S | |
| Major Electives* | 3 | | F, S | |
| Living Skills: Physical Education ^Z | 1 | | F, S | L7A |
| Living Skills: Life Development Skills ^Z | 2-3 | | F, S | L7B |

^Z At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free

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.

Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

*The Environmental Science degree requires 30 units of major electives that must be chosen from the list below (please consult a counselor to determine the electives that best fit your interests and target transfer college's requirements):

BIOL 350 Environmental Biology (3)

CHEM 420 Organic Chemistry I (5)

CHEM 421 Organic Chemistry II (5)

ECON 302 Principles of Macroeconomics (3)

ECON 304 Principles of Microeconomics (3)

GEOG 300 Physical Geography: Exploring Earth's Environmental Systems (3)

GEOG 301 Physical Geography Laboratory (1)

GEOL 300 Physical Geology (3)

GEOL 301 Physical Geology Laboratory (1)

MATH 355 Calculus for Biology and Medicine I (4)

MATH 356 Calculus for Biology and Medicine II (4)

MATH 375 Pre-Calculus Mathematics (5)

MATH 400 Calculus I (5)

MATH 401 Calculus II (5)

MATH 402 Calculus III (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)

PSYC 330 Introductory Statistics for the Behavioral Sciences (3)

STAT 300 Introduction to Probability and Statistics (4)