# Field Ecology Certificate - Pathway 1

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

**Catalog:** 2026-27

**Total Units:** 24-27

**Start Term:** Fall

## First Year

### Semester 1

**7-8 Units**

| CAT. | COURSE | TITLE | UNIT |
|---|---|---|---|
| **Maj** | BIOL 305 | Natural History | 4 |
| **ME** | | *Major Elective | 3-4 |

*Major Elective - A minimum of 5 units from the following (select 3 to 4 units this semester): BIOL 321+, BIOL 326, BIOL 327^, BIOL 330, BIOL 332, BIOL 350, BIOL 352, BIOL 364, BIOL 370, BIOLFS 310+, BIOLFS 311+, BIOLFS 350+, CHEM 320, GEOG 331, GEOG 334, GEOL 345

**+Prerequisite for BIOL 321:** BIOL 320 with a grade of "C" or better

**^Corequisite for BIOL 327:** BIOL 326 or prior completion of BIOL 326 with a grade of “C” or better

**+Enrollment Limitation for BIOLFS 310:** This course requires completion of a course application that can be obtained from the instructor.

**+Prerequisite & Enrollment Limitation for BIOLFS 311:** BIOLFS 310 with a grade of "B" or better; This course requires completion of a course application that can be obtained from the instructor.

**+Enrollment Limitation for BIOLFS 350:** This course requires completion of a written course application.

### Semester 2

**8-10 Units**

| CAT. | COURSE | TITLE | UNIT |
|---|---|---|---|
| **Maj** | BIOL 320 | Field Botany | 3 |
| **Maj** | BIOL 360 | Environmental Regulations | 3 |
| **ME** | | *Major Elective | 2-4 |

*Major Elective - A minimum of 5 units from the following (select 2 to 4 units this semester): BIOL 321+, BIOL 326, BIOL 327^, BIOL 330, BIOL 332, BIOL 350, BIOL 352, BIOL 364, BIOL 370, BIOLFS 310+, BIOLFS 311+, BIOLFS 350+, CHEM 320, GEOG 331, GEOG 334, GEOL 345

**+Prerequisite for BIOL 321:** BIOL 320 with a grade of "C" or better

## Legend

- **(H)** - Honors
- **Elec** - Elective
- **GE** - General Education
- **Maj** - Required Core
- **ME** - Major Elective

## Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

**PLEASE SEE AN SCC COUNSELOR.**

## Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each major course.

## Counselor Notes

**Alternate 2 semester sequence starting in spring:**

**^Corequisite for BIOL 327:** BIOL 326 or prior completion of BIOL 326 with a grade of “C” or better

**+Enrollment Limitation for BIOLFS 310:** This course requires completion of a course application that can be obtained from the instructor.

**+Prerequisite & Enrollment Limitation for BIOLFS 311:** BIOLFS 310 with a grade of "B" or better; This course requires completion of a course application that can be obtained from the instructor.

**+Enrollment Limitation for BIOLFS 350:** This course requires completion of a written course application.

# Second Year

## Semester 3

**9 Units**

| CAT. | COURSE | TITLE | UNIT |
|---|---|---|---|
| **Maj** | BIOL 362+ | Field Methods in Ecology | 4 |
| **ME** | BIOL 412+ / 422+ | Plant Biology | 5 |

**+Prerequisite for BIOL 362:** BIOL 305 or equivalent college-level courses (college-level ecology course with lecture and lab may substitute for BIOL 305) with a grade of "C" or better

**+Prerequisite for BIOL 412:** BIOL 402 or equivalent course with a grade of "C" or better

**+Prerequisite for BIOL 422:** BIOL 402 or an equivalent college-level Cell and Molecular Biology course with a grade of "C" or better

Semester 1 (Spring Only):

- BIOL 305
- BIOL 320
- BIOL 360
- Major Elective (3-4 units of program electives)

Semester 2 (Fall Only):

- BIOL 362
- Major Elective (2-3 units of program electives)
- BIOL 412 or BIOL 422

Two pathways to obtain the certificate exist for this program (students will choose only one of these pathways). Both pathways require the same core courses and only vary in their elective components. Pathway 1 is oriented toward students pursuing their Associate in Science degree in Biology. Pathway 2 is oriented toward students not pursuing their Biology degree.

## Important Links

- SCC General Counseling
- Biology
- Science, Math, & Engineering Meta Majors

Published May 14, 2026