Field Ecology Certificate - Pathway 2

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: 24-30

Start Term: Fall

First Year

Semester 1

9-12 Units

CAT.	COURSE	TITLE	UNIT
Maj	BIOL 305	Natural History	4
ME		*Major Elective	3-4
ME		*Major Elective	2-4

*Major Elective - A minimum of 10 units from the following (select 2 or more courses totaling at least 5 units this semester): BIOL 321+, BIOL 326, BIOL 327^, BIOL 330, BIOL 332, BIOL 350, BIOL 352, BIOL 364, BIOL 370, BIOLF 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

9-10 Units

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

*Major Elective - A minimum of 10 units from the following (select 1 course not already completed in a previous term): 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

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:

+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.

Second Year

Semester 3

6-8 Units

CAT.	COURSE	TITLE	UNIT
Maj	BIOL 362+	Field Methods in Ecology	4
ME		*Major Elective	2-4

+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

*Major Elective - A minimum of 10 units from the following (select 1 course not already completed in a previous term to complete 10 units total): BIOL 321+, BIOL 326, BIOL 327^, BIOL 330, BIOL 332, BIOL 350, BIOL 352, BIOL 364, BIOL 370, BIOLF 310+, BIOLFS 311+, BIOLFS 350+, CHEM 320, GEOG 331, GEOG 334, GEOL 345 - ***(If 10 units from this list is already completed, this additional major elective is not required.)***

+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 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 (3 units of program electives)
- Major Elective (3-4 units of program electives)

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