



Fresno City College

Biology
FIELD BIOLOGIST
2023-2024

Name: _____

ID: _____

Date: _____

Counselor Contact: _____

Major Requirements: 22 units

A grade of "C" or better is required in the following courses

CERTIFICATE OF ACHIEVEMENT (F.6083.CA)	C-ID	Units	Completed	In Progress	Planned
BIOL 11A, Biology for Science Majors I	BIOL 190	5			
BIOL 7, Field Biology		5			
Select One Sequence:					
BIOL 11B, Biology for Science Majors II OR BIOL 4, Principles of Zoology AND BIOL 6, Principles of Botany	BIOL 140 BIOL 130S	5-10			
Electives (2-7 units) Students must choose from the following elective courses. Students that take the recommended sequence of BIOL 11A, BIOL 4, BIOL 6, BIOL 7 must complete a minimum of 2 elective units. Students that take the alternative sequence of BIOL 11A, BIOL 11B, BIOL 7 must complete 7 elective units. Elective courses may be taken in any sequence, but GEOL 1 is highly recommended for field biology students.					
ANTHRO 16A, Field Archaeology I		2			
BIOL 14, Conservation Biology		3			
BIOL 15, Animal Biology		4			
BIOL 16, Plant Biology		4			
BIOL 71, Field Biology of the High and Eastern Sierra Nevada		1			
BIOL 72, Field Biology of the Central California Coast		1			
GEOG 1, Physical Geography	GEOG 110	4			
GEOG 10, Introduction to GIS		3			
GEOL 1, Physical Geology	GEOL 101	4			
GEOL 3, Geology Field Studies		1			
GEOL 4, Geology of California	GEOL 200	3			

Notes:

1. The Field Biologist Certificate is a program designed to provide students with education and training in various aspects of field biology in preparation for 1) entry level employment in the environmental consulting field or government agencies 2) entry level field research assistant and 3) continuing education in biology. A certificated field biologist may work in the field doing plant and animals surveys, threatened and endangered species surveys, sensitive habitat delineation, biological construction monitoring or scientific data collection, all under the direction of qualified professional biologists. Students planning for a career in biology in most cases will need to earn at least a Bachelor's Degree.
2. Therefore, biology students are strongly encouraged to meet with a counselor about transfer requirements (IGETC/CSU certification) early in their program. Biology students should also meet with biology faculty about course/program offerings as soon as possible in order to complete the program in a timely manner.
3. Some of the above courses may have prerequisites. See the catalog or schedule of classes.
4. The *Certificate of Achievement* requires completion of the major (22 units) with a "C" or better grade in each course.