

DEGREES & CERTIFICATES

BIOLOGY UC PATHWAY CERTIFICATE OF ACHIEVEMENT (CA)

About the Program

The Biology UC Pathway Certificate of Achievement is designed to prepare students for a seamless transfer into a biology major at a University of California campus. The certificate also provides entry-level opportunities for laboratory technicians in industry and the academic environment. The coursework provides foundational knowledge and hands-on experiences across all levels of biology, from the molecular to the ecological.

Program Goals and Objectives

The goal of the Biology UC Pathway Certificate of Achievement is to prepare students to transfer to the University of California system in Biology. The coursework will prepare you to major in biology at any University of California campus. The Biology UC Pathway Certificate of Achievement helps to provide students with the fundamental principles of biology. Students are to gain hands-on lab experiences.

Career Opportunities

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Program Outcomes

- Upon completion of an Certificate of Achievement in Biology UC Pathway, students are able to design, conduct, analyze, and/or report results of investigations and experiments in the laboratory and/or field.
- Upon completion of an Certificate of Achievement in Biology UC Pathway, students are able to explain and apply basic principles and processes of biology at different levels, from the biochemical to the ecological.
- Upon completion of an Certificate of Achievement in Biology UC Pathway, students are proficient in standard biology lab techniques and lab safety procedures.

Learning and Career Pathway Maps

[View LPC Program Map](#)

Required Core: (45 units)

BIO 1A General Botany.....	5
BIO 1B General Zoology.....	5
BIO 1C Cell and Molecular Biology.....	5
CHEM 1A General College Chemistry I.....	5
CHEM 1B General College Chemistry II.....	5
CHEM 12A Organic Chemistry I.....	5
CHEM 12B Organic Chemistry II.....	5
MATH 1 Calculus I.....	5
MATH 2 Calculus II.....	5