

DEGREES & CERTIFICATES

BIOLOGY ASSOCIATE OF ARTS (AA)

About the Program

The Associate of Arts in Biology degree is designed to prepare students for transfer, but 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. It also provides students with the basic understanding of human anatomy and physiology, along with an overview of microbiology that impacts humans.

Program Goals and Objectives

The goal of the Associate of Arts in Biology is a local degree designed to prepare students to transfer to a four year institution in Biology and related fields. It helps to provide students with the fundamental principles of biology. Students are to gain hands-on lab experiences as well as field work.

Career Opportunities

Program Outcomes

- Upon completion of an AA in Biology, 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 AA in Biology, 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 AA in Biology, students are proficient in standard biology lab techniques and lab safety procedures.

Learning and Career Pathway Maps

[View LPC Program Map](#)

REQUIRED CORE: (33 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
PHYS 2A Introduction to Physics I.....	4
PHYS 2B Introduction to Physics II.....	4
TOTAL UNITS IN THE MAJOR.....	33
GENERAL EDUCATION AND ELECTIVES.....	27