

## Biology

**Award Type:** Associate in Arts

The associate degree in biology prepares students to move into a curriculum in a four-year institution leading to a baccalaureate degree in such areas as botany, zoology, conservation, and teaching. The biologist with a baccalaureate degree is prepared to enter graduate or professional programs of specialized study such as medicine, dentistry, medical technology, osteopathy, and veterinary medicine.

**The graduate of the Associate in Arts in Biology will:**

- Demonstrate proficient research skills in data gathering and analysis.
- Demonstrate effective communication using the language, concepts and models of biology.
- Demonstrate effective content knowledge of biodiversity.

### Program Requirements

**A major of 23 units is required for the degree. Required core courses (15 units):**

Course Number	Course Title	Units
BIOL 150	Cellular Biology	5.0
BIOL 154	General Botany	5.0
BIOL 155	General Zoology	5.0

**Plus a minimum of 8 units selected from the following:**

Course Number	Course Title	Units
CHEM 150	General Chemistry 1	5.0
CHEM 151	General Chemistry 2	5.0
PHYS 141	General Physics 1	4.0
PHYS 142	General Physics 2	4.0

**Recommended electives:**

Course Number	Course Title	Units
BIOL 132	Marine Biology	4.0
BIOL 179	Experimental Courses in Biology	0.5 - 3.0 units
BIOL 189	Independent Projects in Biology	1.0 - 3.0 units
BIOL 199	Special Topics in Biology	1.0 - 3.0 units