

# BIOLOGY ASSOCIATE IN SCIENCE DEGREE

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**Division:** Natural Sciences

**PROGRAM CODE:** 2S41929

The Biology Associate in Science Degree is designed to provide a solid foundation for students who wish to pursue further study at the baccalaureate level and for some graduate-level programs. This degree will provide a background in all areas of biology while also providing skills for possible entry-level employment in science-related industries or laboratories. This degree requires a total of 27 units in the major in addition to other graduation requirements.

Code	Title	Units
<b>Required Courses: (27 units)</b>		
BIOL 170 F	Organismal Biology	5
BIOL 272 F	Cell and Molecular Biology	4
BIOL 274 F	General Ecology	4
BIOL 276 F	Genetics and Evolutionary Biology	4
CHEM 111AF	General Chemistry I	5
CHEM 111BF	General Chemistry II	5
<b>Total Units</b>		<b>27</b>

Program Level Student Learning Outcomes

**Outcome 1:** Demonstrate an understanding of how the scientific method is used to explore topics in biology by designing and carrying out their own experiments, and communicating their results to the scientific community.

**Outcome 2:** Explain the significance of evolutionary theory and how it relates to life on Earth.

**Outcome 3:** Analyze the effects of human activities on natural environments, and understand the role of scientists in approaching global environmental and health challenges.

**Outcome 4:** Demonstrate preparation for the professional environment by thorough, safe, and proficient use of laboratory and field equipment and techniques.

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