

AS-T Biology

The AS-T major in Biology prepares students for transfer into bachelor's degree programs in Biology and similar fields.

Career Opportunities: Degree recipients in Biological Sciences are prepared for careers in civil service, industry, or teaching; and are prepared for professional training in such fields as biological science education, biotechnology, nursing, public health, environmental health, biological or biomedical research, pre-medicine and all related areas of biology.

Program Learning Outcomes

Students completing this program will be able to:

1. Use the Scientific Method to investigate biological questions and critically evaluate and effectively communicate scientific data.
2. Recognize and explain the evolutionary connections between biological structures and their function and between organisms and their environment.
3. Critically evaluate biological information and examine its significance and impact on society and the environment.

AS-T Degree Requirements

Major: Core and Selective Requirements

Complete Core Courses , 10 units Units

BIOL 225	Biology Of Organisms	5 units
BIOL 230	Cell and Molecular Biology	5 units

Selective Courses, choose 23 units from the following: Units

CHEM 210	General Chemistry I	5 units
AND		
CHEM 220	General Chemistry II	5 units
MATH 251	Analytical Geometry and Calculus I	5 units
PHYS 210	General Physics I	4 units
AND		
PHYS 220	General Physics II	4 units
OR		
PHYS 250	Physics with Calculus I	4 units
AND		
PHYS 260	Physics with Calculus II	4 units

General Education Requirements:*

Certified Completion of CSU-GE Breadth for STEM Pattern, **33 units**

OR

Certified Completion of IGETC for STEM Pattern, **31 units**

