Biology

Academic Program Goals & Student Learning Outcomes

Goal 1. The Biology Program will produce highly-qualified baccalaureate-level biologists who are nationally competitive for acceptance to graduate programs, professional schools, or for careers in K-12 education, private industry, and governmental agencies.

Students will be able to:

- demonstrate a broad understanding of the concepts, theories, and facts within the field of biology.
- effectively employ appropriate field methods, technology, and laboratory techniques as required by their chosen career.
- contribute positively to their chosen careers and their communities.
- For those students entering K-12 science education, the student will be able to effectively convey biological concepts and facts in an active learning environment.

Goal 2. The Biology Program will enhance students' communication, critical thinking, and problem-solving skills.

Students will be able to:

- demonstrate facility with the scientific method of inquiry, including experimental design and data analysis/interpretation.
- demonstrate the ability to find, use, and understand the primary biological literature effectively.
- read and think critically and analytically.
- communicate effectively orally and in writing.