

# **BIOLOGICAL SCIENCES, B.S.**

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## **Learning Outcomes**

- Students will demonstrate a solid base of knowledge in Biology. Subjects such as cell and molecular biology, genetics, ecology and evolution, plant biology, and physiology are all crucial subject areas that will be mastered.
- Students will analyze qualitative and quantitative data, assess validity of work and identify gaps in knowledge, and evaluate the results of analyses and experiments and decide on next steps.
- Students will identify assumptions, create and evaluate hypotheses, and design relevant experiments.
- Students will be trained to locate sources of information and to evaluate the quality of the information needed to make decisions. Students will be trained to critically read and discuss primary literature and evaluate its validity (on an appropriate level).
- Students will demonstrate the ability to learn independently and then share that knowledge with others as well as to work collaboratively.

## **Progression Requirement**

Biological sciences majors may enroll in a biological sciences major course a maximum of twice to earn the required grade of C or higher. For the purposes of this standard of progression, withdrawal with a W does not constitute enrollment.

## **Transfer Requirement**

Any student applying for transfer to the biological sciences major from other programs within the University, or from other accredited colleges and universities, is required to have a minimum overall grade point average of 2.50 on a 4.00 scale.