

Biology, M.S.

Mission Statement

In keeping with the University mission, the Department of Biology is dedicated to creation, transmission, application and preservation of knowledge. Within this framework, the primary mission of the Department of Biology is to develop, support and conduct high quality educational and research programs in the life sciences.

Student Learning Outcomes

UWF Biology MS graduates should be able to do the following:

Content

- Identify and use advanced concepts, principles, and theories that form the foundation of research in the biological sciences.

Critical Thinking

- Employ and defend the scientific method in solving defined problems in the biological sciences.

Communication

- Communicate biological information in oral and written form during thesis development and defense.

Integrity/Values

- Adhere to appropriate ethical practices in scientific research and academic conduct.

Assessment of Student Learning Outcomes

Students in the Biology Master of Science Program will be assessed for SLOs using data from courses that test Biological knowledge based on the curriculum map through exams, quizzes, or other assignments. Students in the thesis track of the Biology Master of Science Program will also be assessed using a rubric based on the thesis presentation and defense. Biology faculty will review the outcome of all assessment procedures to evaluate the current status of the program and make suggestions for further improvement in programmatic effectiveness.

Job Prospects for Biology MS Graduates

- Biotechnology
- Medical Research
- Environmental and Health Agencies
- Health Profession assistants
- Conservation agencies

Find out more about Biology MS at UWF:

<https://uwf.edu/programs/hmcse/biology-ms/>