

OCEANOGRAPHY

Mission Statement

In keeping with the University mission, the Oceanography Program is dedicated to creation, transmission, application and preservation of knowledge. Within this framework, the primary mission of the Oceanography Program is to develop, support and conduct high quality educational in the ocean sciences.

Student Learning Outcomes

UWF graduates of the Oceanography Program should be able to do the following:

Content

- Identify and use the concepts, principles, and theories that constitute the core sub-disciplines of oceanography
- Employ techniques central to oceanography
- Describe Oceanography-related career paths

Critical Thinking

- Apply scientific method to solve problems in oceanography
- Select and conduct appropriate experimental designs for investigating problems in oceanography

Communication

- Employ oceanographic terminology accurately
- Use language in written form effectively and professionally

Integrity/Values

- Describe ethical challenges involved in conducting oceanographic research
- Adhere to appropriate ethical practices in research and teaching

Project Management

- Design and execute a project that incorporates a reasonable time line to address a problem in oceanography
- Draw and defend conclusions related to the results of the study
- Collaborate effectively with others on team projects

Assessment of Student Learning Outcomes

As an Oceanography major, you will demonstrate specific skills in projects and assignments throughout the undergraduate program. Opportunities to showcase your knowledge and research skills will become available as your study progresses. For example, the Introduction to Oceanography and Marine Biology course will give you an opportunity to research a related topic area and create a professional presentation to showcase your efforts. In the associated lab with this course, you will be assessed on your ability to create a detailed laboratory notebook to demonstrate proficiency and expertise in oceanography and marine biology topics. Some assignments in this program will be completed within groups to assess your ability to collaborate effectively and to complete a project within a specified timeframe.

Job Prospects for Oceanography Graduates

Biological Oceanographer
Marine Geochemist
Marine and Ocean Engineering

Chemical Oceanographer
Geological Oceanographer
Marine Policy Manager

Find Out More about Oceanography at UWF:
<http://uwf.edu/oceanography>