

INTERDISCIPLINARY SCIENCES

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 with emphasis on marine biology, environmental biology, biotechnology and pre-professional programs. The Department of Biology oversees the Bachelor of Science in Interdisciplinary Sciences program that is intended to provide a broadly based education in the natural sciences and mathematics (biology, chemistry, computer science, environmental studies, mathematics, physics, and zoo science).

Student Learning Outcomes

UWF Interdisciplinary Sciences graduates should be able to do the following:

Content

- Identify and use the concepts, principles, and theories that constitute the core subdisciplines of two of the areas of science or of Biology and business (Zoo Science)
- Employ techniques central to analysis of materials and problems in the chosen areas
- Describe discipline-related career paths for which recipients of this degree are qualified

Critical Thinking

- Apply scientific method to solve problems in the chosen areas
- Select and conduct appropriate statistical analyses of data from the chosen areas

Communication

- Employ terminology from the chosen areas accurately
- Use language in written form effectively and professionally
- Communicate information from the chosen areas in oral form employing appropriate technology

