

**PROGRAM STUDENT LEARNING OUTCOMES**  
**Marine Biotechnology**

**Program SLOs**

Students will be able to convey proper methods and techniques used in the laboratory and in culturing facilities as demonstrated by achieving at least an 80% on the technique-specific grading rubric in BTC181, BTC285, and AQU215 courses.

Students will be able to demonstrate the ability to follow protocol and standard operating procedures, record data, and analyze data in the laboratory or manufacturing environment as evidence by achieving at least an 80% on the Keeping a Laboratory Notebook Rubric.

Students will be able to research current biotechnology uses as it relates to agriculture, medicine, industry, or environment, and discuss findings with peers and instructor as demonstrated by achieving at least an 80% on the grading rubric for In-Class Presentations.

Students will be able to understand and use the scientific method through reading primary literature articles, determining the validity of peer-reviewed published information, and integrating concepts and knowledge from research and laboratory experiments in written reports as demonstrated by achieving at least an 80% on the grading rubric for Lab Reports.