



Operational Excellence and Assessment Support

Academic Learning Compacts

**College of Medicine  
Burnett School of Biomedical Sciences  
Academic Learning Compacts**

## **Biotechnology BS**

Upon completion of the Biotechnology BS program, the graduate will be able to:

### **Discipline specific Knowledge, Skills, Behavior and Values Outcomes**

1. Demonstrate general knowledge of problems and issues with product development in the biotechnology industry.
2. Demonstrate the technical laboratory skills required in the biotechnology industry.
3. Demonstrate knowledge of science and how that knowledge is applied to solve biotechnology problems.

### **Critical Thinking Outcomes**

4. Analyze data and information to draw the appropriate conclusions.
5. Develop an experimental approach to solving a biotechnology-related problem.

### **Communication Outcomes**

6. Demonstrate proficiency in both oral and written communication.

### **Assessment of Biotechnology B.S. Outcomes**

These outcomes will be assessed using a variety of assessment methods, including:

- Written and oral presentations
- Tests/exams
- Teaching modules
- Research projects
- Laboratory notebooks