



**College of Medicine
Academic Learning Compacts**

Biotechnology - B.S.

Discipline Specific Knowledge, Skills, Behavior and Values

1. Graduates will demonstrate general knowledge of problems and issues associated with product development in the biotechnology industry.
2. Graduates will be able to perform laboratory skills required in the biotechnology industry.
3. Graduates will demonstrate the ability to analyze data and draw appropriate conclusions.
4. Graduates will demonstrate proficiency in the core subject of molecular biology.
5. Graduates will have learned the many different kinds of technology used in the field.
6. The undergraduate program in biotechnology will adequately prepare graduates for positions in the biotechnology industry.

Critical Thinking

1. Graduates will demonstrate the ability to analyze data and draw appropriate conclusions.
2. Graduates will have a solid foundation in molecular techniques and methods necessary for a career in biotechnology.

Communication

1. Graduates will demonstrate proficiency in oral and written communication at the level expected for a biotechnology graduate.

Assessment of Biotechnology - B.S. Outcomes

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

- Written and oral presentations
- Tests/exams
- Papers
- Research projects