



**College of Medicine
Academic Learning Compacts**

Biomedical Sciences - B.S.

Discipline Specific Knowledge, Skills, Behavior and Values

1. Biomedical Sciences graduates will have a basic understanding of microbial metabolism, growth, types, pathogenesis and control.
2. The Biomedical Sciences graduates will have a strong background in molecular biology.
3. Biomedical Sciences majors will demonstrate basic science laboratory skills, including reporting laboratory results, deemed necessary for a graduate of Biomedical Sciences.
4. Molecular Biology and Microbiology graduates will demonstrate knowledge of immunology principles.
5. Graduates will demonstrate basic knowledge of biochemistry.
6. BMS graduates will have basic knowledge of molecular techniques and their role in health care delivery.

Critical Thinking

1. Biomedical Sciences graduates will have a basic understanding of microbial metabolism, growth, types, pathogenesis and control.
2. The Biomedical Sciences graduates will have a strong background in molecular biology.
3. Molecular Biology and Microbiology graduates will demonstrate knowledge of immunology principles.
4. BMS graduates will have basic knowledge of molecular techniques and their role in health care delivery.

Communication

1. Biomedical Sciences majors will demonstrate basic science laboratory skills, including reporting laboratory results, deemed necessary for a graduate of Biomedical Sciences.
2. Graduates will demonstrate competency in oral and written communication.

Assessment of Biomedical Sciences - B.S. Outcomes

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

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