



**College of Medicine
Academic Learning Compacts**

Molecular Microbiology - B.S.

Discipline Specific Knowledge, Skills, Behavior and Values

1. Molecular Microbiology graduates will have a basic understanding of microbial: **metabolism, growth, types, and control.**
2. Molecular Microbiology majors will demonstrate basic science laboratory skills, including reporting laboratory results, deemed necessary for a graduate of Molecular Microbiology.
3. Molecular Microbiology graduates will demonstrate a basic knowledge of bacterial genetics and pathogenicity.

Critical Thinking

1. Molecular Microbiology graduates will have a basic understanding of microbial: **metabolism, growth, types, and control.**
2. Molecular Microbiology graduates will demonstrate a basic knowledge of bacterial genetics and pathogenicity.

Communication

1. Molecular Microbiology majors will demonstrate basic science laboratory skills, including reporting laboratory results, deemed necessary for a graduate of Molecular Microbiology.

Assessment of Molecular Microbiology - 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