

# Biochemistry and Molecular Biology, PhD

## Learning Outcomes

- Identify significant research problems through critical examination of the scientific literature.
- Develop a research proposal that uses a scientific approach to test hypotheses or accomplish research goals.
- Gain broad expertise in their chosen field and develop critical thinking and quantitative skills to independently design, acquire, and interpret experimental data.
- Effectively communicate research findings to a broad audience in written and oral formats.
- Perform all aspects of research and communication with high ethical standards.
- Preparation for career options in academia, industry, government, or other fields.