

# Laboratory Studies, AS

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## Laboratory Sciences Degree Program Learning Outcomes (PLOs)

At the successful conclusion of this program, students will be able to:

1. Outline the foundational concepts of biology including cellular, organismic, ecological, and evolutionary biology.
2. Evaluate hypotheses, design research, test hypotheses, conduct data analysis, and draw conclusions on biology related problems.
3. Perform a full range of testing encompassing the pre-analytical, analytical, and post-analytical components of contemporary laboratory services.
4. Employ relevant experience in research design and practice.
5. Adhere to safety, governmental regulations and standards as applied to medical laboratory practice.