

# Bioinformatics, BS

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## **Bioinformatics Program Learning Outcomes**

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

1. Outline the foundational concepts of biology, chemistry, computer science, and mathematics.
2. Create computational solutions to biological and biology-related research problems using interpreted and compiled programming languages, recognizing the need for continual learning and skill development.
3. Devise and understand the range of high-throughput, large-scale research projects in contemporary inquiry in biology and biology related fields.
4. Develop and apply algorithms and statistical strategies used in analysis of biological and biology-related research problems.