

Bioinformatics, BS

BS Bioinformatics Program Learning Outcomes

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

1. Outline the foundational concepts of biology including cellular, organismal, ecological, and evolutionary biology.
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 the analysis of biological and biology-related research problems.
5. Differentiate career opportunities within the field and explore career opportunities.