

LEARNING OUTCOMES: BIOINFORMATICS: INFORMATION SCIENCES, MS

Learning Outcomes for the degree of Master of Science in Bioinformatics,
Information Sciences Concentration

1. Students will be able to describe the essential concepts in data stewardship, data analytics and systems analysis and policy and the ways in which those concepts impact bioinformatics.
2. Students will demonstrate the ability to read, analyze, discuss, and critique scientific advances and limitations described in the research literature.
3. Students will execute a research project that includes their articulation of a tractable research question that is addressed and analyzed using the appropriate scientific methods.
4. Students will effectively and accurately communicate to an interdisciplinary audience in both oral and written formats.
5. Students will adhere to the highest level of ethical standards in all stages of their research and professional activities.