WHY CHOOSE BIOINFORMATICS?

USJ’s Bioinformatics program offers students the opportunity to learn and gain experience with specific computer and laboratory skills needed for analytical science positions across industries, public agencies, and laboratories. Student coursework includes algorithms, database management, data mining, search strategies, and software design. In addition, students learn applications to analyze large databases through modeling and experimental design in the biological sciences.

CAREER OPPORTUNITIES INCLUDE:

As the Bioinformatics field continues to grow, the preparation students receive in USJ’s Bioinformatics program allows them to enter the workforce in a variety of fields, including:

- Research and Discovery
- Pharmaceutical and Biotechnology Industry
- Information Technology
- Insurance
- Health Care Organizations
- Engineering
- Database Administration
- Programming
- Robotics
ACADEMIC DISTINCTIVENESS

As Bioinformatics majors, students combine coursework, internships, and experiential learning, preparing them to:

» Demonstrate strong interdisciplinary skills from training in biology, chemistry, mathematics, and technology

» Design and implement research, and manage and analyze large databases

» Develop analytical, quantitative, and critical thinking skills necessary for success in this growing career

www.usj.edu/apply