



WHAT CAN I DO WITH A MAJOR IN BIOINFORMATICS

CAREER OPTIONS

Bioinformatics Specialist
Software Developer
Data Analyst
Clinical Researcher
Physician*
Professor*
Research Scientist*

Scientific Software Developer*
Statistical Geneticist
Data Scientist

* Advanced Degree Required

TRANSFERABLE SKILLS GAINED

Attention to detail
Analytical skills
Technical and scientific writing
Critical thinking skills
Observation skills
Software development
Object-oriented programming

Statistics
Scripting language
Collaboration
Team science approaches
Presentation skills
Software version control

EMPLOYMENT AREAS

Laboratories
Hospitals/Healthcare
Government Institutions
Pharmaceutical Companies
Research & Development
Universities/Colleges

Health-related nonprofit organizations

INFORMATION WEBSITES

UNO College of IS&T
Bureau of Labor Statistics
Biomedical Central
Bioinformatics Organization
Nature Jobs
National Institutes of Health
International Society for Comp. Biology

ist.unomaha.edu
goo.gl/hfMd73
biomedcentral.com/bmcbioinformatics
bioinformatics.org
nature.com/naturejobs/science
commonfund.nih.gov/bioinformatics
iscb.org

EXTRACURRICULAR ACTIVITIES

Actively participate in student organizations within the College of IS&T, like the Maverick Club for Bioinformatics
Participate in undergraduate research opportunities
Complete an internship
Research Master's and Ph.D. programs to continue your education

