

# What Can I do with a major in ***Bioinformatics***?

*The information revolution that is now sweeping across society will be particularly important in the health sciences as new tools for medical diagnosis and treatment move from the research laboratory to the hospital clinic and physician's office. Bioinformatics majors have a wide range of career tracts open to them including pharmaceuticals and biotechnology, computer science, academic or government research, professional careers (i.e. medicine or dentistry)*

## **A Sample of Related Career Opportunities:**

Proteomics	Pharmacogenomics	
Computational Analysis	Sequence Assembly	Sequence Analysis
Software Engineer	Database Design and Administration	

## **Types of Employers:**

### ***Private and Non-profit Organizations***

Medical and hospital clinics	Food Processing Companies
Industrial Firms	Private or hospital diagnostic laboratories
Pharmaceutical Companies	Biotechnology Companies
Colleges and Universities	Bio Engineering Companies

### ***Government Agencies***

Occupational Safety and Health Administration	Public Health Service
U.S. Department of Health and Human Services	Food and Drug Administration
State and U.S. Environmental Protection Agencies	State Health Departments

## **Links for Computer Science Majors**

Bioexchange: <http://www.career.bioexchange.com>

Bioinform: <http://www.bioinform.com>

BioSpace: [http://www.biospace.com/b2/job\\_index.cfm](http://www.biospace.com/b2/job_index.cfm)

Biotech Find: <http://www.biotechfind.com>

Genome Web: <http://www.genomeweb.com>

Job Science: <http://www.jobscience.com>

Nature Magazine: <http://www.nature.com/naturejobs/>

Occupational Outlook Handbook: <http://www.bls.gov/oco/>

Science Jobs.com: <http://www.sciencejobs.com/search.action>

SciJobs.org: <http://www.scijobs.org/>

Science Magazine – Careers: <http://recruit.sciencemag.org/feature/cperspec/biosci.shl>

MonsterTRAK: <http://www.monstertrak.com>