

Career Information for Biotechnology

A College of Science & Engineering Major

General Overview Information

The biotechnology program prepares students to use biology and other sciences to engineer new food, drug, and agricultural products and to investigate molecular mechanisms of cells and organisms. Students learn about eukaryotic cells, microbes, genetic engineering, and DNA sequencing. They also learn about patents and ethics.

Do You Have These Characteristics?

Ability to Work Individually & as a Team · Communicate Clearly & Concisely · Curiosity
Analytical Mind · Patience & Perseverance · Scientific & Mathematical Aptitude

Salary Information Can Be Found At:

www.bls.gov/bls/blswage.htm

www.iseek.org

www.stcloudstate.edu/careerservices

What Can You Do?

- Protein Engineering Technologist
- Genetic Modification Technologist
- Antisense Technologist
- Cell Culture Technologist
- BioSensor Technologist
- Medical Scientist
- Drug Manufacturer
- Virologist
- Research & Development
- Quality Control
- BioChemist
- Human Genome Researcher
- Molecular Biologist
- Biological Scientist

Where Can You Work?

- Colleges & Universities
- Pharmaceutical Companies
- Fertilizer Manufacturer
- Animal & Plant Breeding
- Government Laboratories
- Biotechnology Firms
- Environmental Remediation
- Hospitals
- Food Industry
- Non-Profit Organizations
- Research Facilities
-and MORE!

Resources

- SCSU Biology – <http://bulletin.stcloudstate.edu/departments/biol.asp>
- Occupational Outlook Handbook – <http://www.bls.gov/oco/ocos047.htm>;
<http://www.bls.gov/oco/ocos009.htm>
- Biotechnology Industry Organization – www.bio.org
- American Institute of Biological Sciences – www.aibs.org
- Careers in Biotechnology – www.bio-jobs.com
- Federation of American Societies for Experimental Biology – www.faseb.org
- SciWeb Biotechnology Career Center – www.biocareer.com
- Sloan Career Cornerstone Center – www.careercornerstone.org
- MN Life Sciences – <http://www.minnesotalifescience.com/industry/directory>
- *Career Opportunities in Biotechnology and Drug Development*
- *Handbook of Scientific & Technical Careers*
- *Jobs and Careers with Non-Profit Organizations*
- *National Trade and Professional Associations*
- *Opportunities in Biotechnology Careers*
- *Real Resumes for Medical Jobs*

(Books are available at SCSU Career Services Center)