



## UIS CAREER DEVELOPMENT CENTER

### What Can I Do with a Master's in Biology?

Degrees in Biology can open doors to many interesting and exciting careers in medical fields, and many other specific study fields. Graduates pursue careers as heads of private businesses, laboratory technicians, scientific sales representatives, project managers in life sciences, environmental consultants, allied health professionals, and high school or community college teachers. The following serves as a guide, but the career information and possibilities are not limited to the below list.

#### Biology Related Skills

- Ability to Meet Deadlines
- Accuracy and Precision
- Analytical Thinking Skills
- Assessing Problems and Situations
- Communication Skills
- Curiosity and Innovation
- Decision Making Skills
- Diagramming Skills
- Keen Observation and Attention to Detail
- Laboratory Skills
- Math and Statistical Skills
- Objectivity
- Operating Sensitive Equipment
- Patience and Perseverance
- Presentation Skills
- Research Skills
- Scientific Approach
- Solo and Team Work Skills
- Technological Adeptness
- Writing Skills

#### Related Career Titles

(Some career titles may require additional experience or education)

- Account Manager
- Adjunct Biology Professor
- Agricultural Scientist
- Analytical Researcher
- Analytical Technician
- Anthropologist
- Aquaculture Farmer
- Aquatic Biologist
- Argonomist
- Biochemist
- Biological Oceanographer
- Bioremediation
- Environmental Engineer
- Environmental Engineer, Biologist, or Geologist
- Environmental Field Technician
- Environmental Professional
- EPA Inspector
- FDA Inspector
- Field Test Services Technician
- Food Science Technologist
- Forensic Scientist
- Genetic Counselor
- Molecular Biologist
- Neurobiologist
- Nurse
- Oral Surgeon
- Pharmacist
- Physical Therapist
- Physician
- Process Organic Chemist
- Production Associate (Cell Based Services)
- Project Manager in Allied Health
- Reference Standards Scientist
- Research Scientist

- Biotech Field Application Specialist
- Biotechnician
- Cell Physiologist
- Clinical Bio-analytical Chemist
- Coroner/Medical Examiner
- Crime Lab Analyst
- Cytotechnologist
- Dentist
- Entomologist
- Horticulturalist
- Information Scientist
- Marine Biologist
- Materials Test Engineer
- Medical Technologist
- Medical Technologist
- Medical Writer
- Medicinal Chemist
- Metabolomics Technician
- Research Technician
- Science Lab Technician
- Science Teacher
- Science University Professor
- Scientific Sales Supply Personnel
- Seasonal Botanist
- Technical Instructor
- Toxicologist
- Veterinarian

### **Employers of Biology Master's Degree Holders**

- Agricultural Processing Companies
- Colleges of Science
- Engineering Companies
- Environmental Agencies
- Environmental Testing Laboratory
- Forensics Laboratories
- Government Agencies
- Hospitals and Dental Clinics
- K-12 Schools
- Manufacturing Companies
- Medical Schools
- Pharmaceutical Companies
- Physical Therapy Clinics
- Research Laboratories

### **Job Posting Sites**

Access Excellence <http://www.accessexcellence.org/RC/CC/>  
 Biology Careers in India <http://environmentalchemistry.com/careers/in/type/biology.html>  
 Biology Jobs <http://www.biologyjobs.com/>  
 Environmental Jobs and Careers <http://www.ecoemploy.com/>  
 Environmental Careers and Internships <http://www.eco.org/>  
 Job Openings in Science Careers <http://aaas.sciencecareers.org/js.php>  
 Medzilla (Biotech and Pharmaceutical Jobs) [http://www.medzilla.com./](http://www.medzilla.com/)  
 Nature Jobs <http://www.nature.com/naturejobs/index.html>  
 New Scientist Jobs <http://www.newscientistjobs.com/jobs/default.aspx>  
 Science Jobs <http://www.science-jobs.org/>  
 Scientific Careers <http://aaas.sciencecareers.or/js.php>  
 UIS Career Development Center <http://www.uis.edu/careerservices>  
 University of Illinois Alumni Association Career Center <http://www.uiaa.org/careers>  
 Virtual Hospital <http://www.vh.org/welcome/tour/discovery/>

UIS Career Development Center  
 Student Affairs Building, Suite 50 206-6508 careerservices@uis.edu  
<http://www.uis.edu/careerservices>

## **Career Planning Links**

American Institute of Biological Sciences <http://www.aibs.org/core/index.html>  
Biology Careers on the Internet <http://www.istl.org/98-fall/internet.html>  
Botanical Society of America <http://botany.org/>  
Careers in Science and Engineering  
<http://www.nap.edu/readingroom/books/careers/contents.html>  
Cell and Molecular Biology <http://www.cellbio.com/careers.html>  
CNN Money Article [http://money.cnn.com/2000/09/15/career/q\\_degreebiology/](http://money.cnn.com/2000/09/15/career/q_degreebiology/)  
Distinguished Women in Biology <http://www.distinguishedwomen.com/subject/biology.html>  
Graduate Career Opportunities [http://biology.csuci.edu/bio\\_careers.htm](http://biology.csuci.edu/bio_careers.htm)  
Princeton Review  
<http://www.princetonreview.com/college/research/majors/careers.asp?MajorID=47>  
Science Magazine (AAAS) <http://sciencecareers.sciencemag.org/>  
UIS Biology Department <http://www.uis.edu/biology/>  
UIS Career Development Center <http://www.uis.edu/careerservices>  
UIS Pre-Professional Information <http://www.uis.edu/preprofessional/about/links.html>

## **Professional Affiliations**

Air and Waste Management Association <http://www.awma.org/>  
American Association for the Advancement of Science <http://www.aaas.org/>  
American Institute of Biological Sciences <http://www.aibs.org/core/index.html>  
American Society for Cell Biology <http://www.ascb.org/>  
American Society for Genomic Medicine <http://www.genomic-medicine.stefan-university.edu/>  
Association for Tropical Biology <http://atbio.org/>  
Bioelectromagnetics Society <http://www.bioelectromagnetics.org>  
Biology News Net <http://www.biologynews.net>  
Botanical Society of America <http://botany.org/>  
The Company of Biologists <http://www.biologists.com/web/>  
Federation of American Societies for Experimental Biology <http://www.faseb.org>  
International Union of Biological Science <http://www.iubs.org/>  
National Science Teacher Association <http://www.nsta.org/>  
Pan American Aerobiology Association <http://www.geocities.com/paaaorg/>  
Society of Ethnobiology <http://ethnobiology.org/>  
Society for Experimental Biology <http://www.sebiology.org/>  
University of Illinois Alumni Association <http://www.uiiaa.org/>