What can I do with a major in Biology

The information below describes typical occupations and employers associated with this major.
Understand that some of the options listed below may require additional training.
Moreover, you are not limited to these options alone when choosing a possible career path.

Description of Biology

The Biology Department offers two degrees, a Bachelor of Science in Biology and a Bachelor of Science in Biomedical Science. The Biology degree offers excellent preparation for many different careers, including most of the health careers such as medicine, veterinary medicine, dentistry, optometry, nursing, and physical therapy. As a Biology major, you can also select a Biology degree with a concentration in Environmental Science. The Biomedical Science degree is a specialized biology degree tailored to provide the strongest foundation for graduate programs in medicine, dentistry, and veterinary medicine.

You can choose from a variety of Biology courses including selections in the fields of human & biomedical biology, organismal biology, evolutionary biology & ecology, and cell & molecular biology. In addition to a strong academic program, CBU Biology offers personalized advising, state of the art lab equipment with a lab component for nearly every course, and small classes. As a major you also get to present your laboratory or field research at the annual CBU research poster session and at a scientific meeting. Many CBU students have their research published. You can view a slide presentation describing the CBU Biology research courses. CBU students also have opportunities for international research and service through MHIRT and Haiti Medical Missions.

The Department also offers, in conjunction with the Department of Education, a five-year program leading to a Bachelor of Science degree in natural science, a Master of Arts in Teaching degree, and teaching licensure in biology or biology and chemistry for grades 7 through 12. Biology and biomedical science students at CBU organize and participate in a variety of activities through the Mu Tau chapter of Beta Beta Beta, the national undergraduate biology honor society.

Possible Job Titles of Biology Graduates (Includes Full-Time, Internships & Co-Ops)
(*Jobs secured as reported by CBU Career Services post-graduate survey)

<table>
<thead>
<tr>
<th>Analytical Chemist</th>
<th>Food and Drug Inspector</th>
<th>Parasitologist</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Customer Service Agent</td>
<td>Health Program Coordinator*</td>
<td>Pharmaceutical Sales Representative</td>
</tr>
<tr>
<td>Bacteriologist</td>
<td>Hemotherapist</td>
<td>Phlebotomist</td>
</tr>
<tr>
<td>Biochemist</td>
<td>Insurance Agent</td>
<td>Physical Therapy Technician</td>
</tr>
<tr>
<td>Blood Bank Technologist</td>
<td>Lab Tech Assistant*</td>
<td>Physician*</td>
</tr>
<tr>
<td>Chemical Analyst*</td>
<td>Lab Technician*</td>
<td>Production Assistant*</td>
</tr>
<tr>
<td>Chemist</td>
<td>Legal Assistant</td>
<td>Public Health Specialist</td>
</tr>
<tr>
<td>Clinical Assistant*</td>
<td>Loan Officer*</td>
<td>Quality Control Specialist</td>
</tr>
<tr>
<td>Clinical Support Technician*</td>
<td>Manager*</td>
<td>Research Assistant*</td>
</tr>
<tr>
<td>Computer Consultant*</td>
<td>Marketing Consultant*</td>
<td>Research Immunologist*</td>
</tr>
<tr>
<td>Computer Consultant*</td>
<td>Medical Equipment Sales</td>
<td>Research Technologist*</td>
</tr>
<tr>
<td>Crime Lab Analyst</td>
<td>Representative</td>
<td>Researcher*</td>
</tr>
<tr>
<td>Customer Service Representative</td>
<td>Medical Investigator</td>
<td>Sales Associate*</td>
</tr>
<tr>
<td>Cytotechnologist*</td>
<td>Medical Lab Technician</td>
<td>Teacher*</td>
</tr>
<tr>
<td>Dental Assistant*</td>
<td>Medical Librarian</td>
<td>Technician</td>
</tr>
<tr>
<td>Engineering Associate</td>
<td>Medical Writer</td>
<td>Toxicologist</td>
</tr>
<tr>
<td>Enrollment Analyst*</td>
<td>Microbiologist</td>
<td>Veterinarian Technician*</td>
</tr>
<tr>
<td>Environmental Program Specialist*</td>
<td>Nurse</td>
<td>Veterinary Technician</td>
</tr>
<tr>
<td>Field Study Coordinator*</td>
<td>Optometry Assistant</td>
<td>Zoo Keeper*</td>
</tr>
</tbody>
</table>
Possible Employers and Employment Settings for Biology Graduates (Includes Full Time, Internships & Co-ops)

(*Jobs secured as reported by CBU Career Services post-graduate survey)

- ACT*
- Banks*
- Bell South*
- Bic Corporation
- Biotechnology firms
- Blue Cross Blue Shield*
- Brookings Institute*
- BUNAC*
- Cardinal Health
- Center for Disease Control
- Center of Limnology
- Children’s Museum*
- Church Health Center*
- Clinics*
- Colleges/Universities*
- Concentra
- Daly Solutions*
- Danaklion American Inc.
- Department of Health & Human Services
- Department of Justice
- Department of Natural Resources
- Department of State
- Diagnostic Testing Companies
- Dunwoody Animal Hospital
- Environmental Labs of the Pacific
- EPA
- FedEx*
- Food & Drug Administration
- Gayseris Co.
- GM
- GTX*
- Healthyme.md*
- Hope Animal Medical Center
- Hospitals*
- Integ, Inc.*
- International Cotton Institute*
- International Paper*
- Joseph W Jones Ecological
- Lanier Contracting Company
- Lehman Roberts
- Levey Industries
- Looney Ricks Kiss Architecture*
- McVeian Trading*
- Medical Laboratory
- Meditech Media
- Merck*
- National Institute of Health
- New England Medical Center
- Nonprofits*
- Peace Corps*
- Pharmaceutical Companies*
- Physician’s Offices*
- ProActive Therapy*
- Research Foundations
- Rockdale HealthCare Center
- School Systems*
- Southern Progress*
- Southlake Hospital
- St. Jude Children’s Hospital*
- Teach for America*
- VA Medical Center*
- Vashaw Scientific Inc.
- Vector Marketing*
- International, Inc.*
- Medical Equipment Companies

Skill Sets and Interests associated with Biology Majors

Identifying problems
Organizing ideas/information
Applying scientific concepts to problems
Making projections from data

CBU Contacts Associated with Majors in the Field of Biology

Dr. Johnny Holmes – Dean, School Of Sciences
(901) 321-3448 - jholmes@cbu.edu

Dr. Sandra L. Thompson - Chair, Associate Professor
(901) 321-3453 - sthompso@cbu.edu

Top Career Services Resources for Biology Majors

- Career Resources Library (Buckman 207)
- CareerLinX: https://cbu-csm.symplicity.com/students/
- Memphis Business Journal, Book Of Lists

Sign up for a free account and find out what careers you might be a fit for using:

TypeFocus: www.typefocus.com (Access Code: CBU8998)
SIGI 3: www.tinyurl.com/cbusize

Additional Resources for Majors in the Field of Biology

- The American Institute of Biological Sciences
  http://www.aibs.org/core/index.html

- Science Central
  http://www.sciencecentral.com/category/269962

- AIBS / Member Societies — 50 member Societies of the American Institute of Biological Sciences
  http://www.aibs.org/society-membership-directory/

- American Society for Microbiology
  http://www.asm.org/  
- Genetics Societies
  http://www.faseb.org/genetics/

- Organization of Biological Field Stations
  http://www.obfs.org/  
- Ecological Society of America (ESA)
  http://www.esa.org/