This information describes typical occupations and employment settings associated with this major. Understand that some of these options may require additional training. Moreover, you are not limited to these options when choosing a possible career path.

Description of Applied Biotechnology

The applied biotechnology major provides students with the scientific background and laboratory experience necessary for employment in the biotechnology and pharmaceutical industries, or for advanced study in the applications of biotechnology and molecular biology for the use and improvement of plants, animals, and micro-organisms. Students should possess a strong interest in the sciences and an interest in chemistry, biotechnology, microbiology. This interdisciplinary major brings together areas of study such as animals, food science, forestry, entomology, and plants to educate students with the knowledge and skills necessary to use biotechnology for the improvement of plants, animals, and microorganisms.

Researching Job Titles and Careers

O*NET http://online.onetcenter.org (click on Find Occupations)
Occupational Outlook Handbook http://www.bls.gov/oco (type in general term for career of interest)
Georgia Career Information Center http://www.gcic.peachnet.edu (accessible only on campus computers)
Career Insider: Vault Guides http://career.uga.edu/resources/online_resources (Under the “Resources” tab and select “Online Resources”)
Candid Career http://career.uga.edu/resources/online_resources (View professionals speaking about their careers under the “Resources” tab and select “Online Resources”)

Possible Job Titles

<table>
<thead>
<tr>
<th>Analytical Chemist</th>
<th>Documentation Specialist</th>
<th>Plant Breeder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biochemist</td>
<td>Engineer</td>
<td>Postdoctoral Fellow</td>
</tr>
<tr>
<td>Biologist</td>
<td>Environmental Health and Safety</td>
<td>Quality Assurance Auditor</td>
</tr>
<tr>
<td>Biomedical/Validation/Genetic Engineer</td>
<td>Specialist</td>
<td>Quality Control Analyst/Engineer</td>
</tr>
<tr>
<td>Biostatistician</td>
<td>Greenhouse/Laboratory Assistant</td>
<td>Reference Standards Product</td>
</tr>
<tr>
<td>Biotechnology Specialist</td>
<td>Library Assistant</td>
<td>Coordinator</td>
</tr>
<tr>
<td>Cell/Research/Molecular Biologist Chemist</td>
<td>Market Research Analyst</td>
<td>Research Assistant/Associate</td>
</tr>
<tr>
<td>Clinical Coordinator</td>
<td>Media Prep Technician</td>
<td>Research Technician</td>
</tr>
<tr>
<td></td>
<td>Microbiologist</td>
<td>Sales Consultant</td>
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<tr>
<td></td>
<td>Patent Administrator</td>
<td>Technical Advisor</td>
</tr>
</tbody>
</table>

Possible Employers

<table>
<thead>
<tr>
<th>Abeome</th>
<th>Greenhouses</th>
<th>Private corporations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott Pharmaceuticals</td>
<td>Hill-Rom</td>
<td>Regulatory Affairs</td>
</tr>
<tr>
<td>Administration</td>
<td>Information Systems</td>
<td>Research Centers</td>
</tr>
<tr>
<td>Alcon Laboratories</td>
<td>Johnson &amp; Johnson</td>
<td>Swift Straw</td>
</tr>
<tr>
<td>Amgen Inc.</td>
<td>Kelly Services</td>
<td>Synageva</td>
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<tr>
<td>Cambrex Corporation</td>
<td>Laboratories</td>
<td>Theranostics</td>
</tr>
<tr>
<td>CEL-SCI Corporation</td>
<td>Life Therapeutics</td>
<td>Thermo Fisher Scientific</td>
</tr>
<tr>
<td>DuPont</td>
<td>Manufacturing and Production</td>
<td>The University of Georgia</td>
</tr>
<tr>
<td>Eco Sol, LLC</td>
<td>Marketing and Sales</td>
<td>URS</td>
</tr>
<tr>
<td>Federal and state agencies</td>
<td>Pharma Tech Industries</td>
<td>Vega Consulting Solutions, Inc.</td>
</tr>
</tbody>
</table>

To learn what types of positions and companies UGA students are working with, see the UGA Career Center Post Graduation Survey at www.career.uga.edu/gradsurveyresults/ and search for alumni on Linked In at www.linkedin.com.
Campus Resources

College of Agricultural and Environmental Sciences Clubs and Organizations- http://students.caes.uga.edu/athens/organizations.cfm
Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS)- http://www.caes.uga.edu/academics/manrrs/
Alpha Gamma Rho (Men pursuing careers in agriculture)- http://www.georgiaagr.com/home
Sigma Alpha (Women pursuing careers in agriculture)- http://www.ugasigmaalpha.com

To find additional clubs and organizations, go to the Center for Student Organizations at - http://stuorgs.uga.edu/find/index.html
Connect with your Career Consultant http://career.uga.edu/contact#careerconsultants

Employment Websites

GENERAL:
CareerSearch http://career.uga.edu/resources/online_resources (Research employers by location and/or industry)
DAWGlink www.career.uga.edu/ (login with your UGA MyID and password)
GoinGlobal (To access GoinGlobal, login to your DAWGlink account)
Idealist www.idealist.org/ (nonprofit jobs)
USAJobs www.usajobs.gov/ (federal jobs)

MAJOR/CAREER SPECIFIC:
ScienceCareers Job Board- http://jobs.sciencecareers.org/jobs/
AgCareers.com- http://agcareers.com
National Human Genome Research Institute- http://www.genome.gov/
LifeSciencesWorld- http://www.lifesciencesworld.com
Bioinformatics.net- http://www.bioinformatics.net/
Info About Biotech Careers- http://www.bio-link.org/home/careers

Professional Information Resources

Agricultural Biotechnology Communicators- http://agribiotech.info/

Tip: Join LinkedIn groups that are related to your career interest. Need help finding groups? Check out the Groups You May Like link under the Interests/Groups tab. Review the groups that professionals in your field of interest have joined and consider joining them as well.

Additional Career Consultant Recommendations:

Why Choose a Career in Biotechnology?
Because you can help save lives, cure diseases, help feed the hungry, help create a substitute for oil energy use, and be a pioneer in green technology.
The people who work in biotechnology make discoveries at the forefront of science in the areas of:

- drug discovery,
- food and fiber crop improvement,
- environmental protection and
- manufacturing (medical devices, biotech drugs and other bioscience products)

*Taken from Careers in Biotechnology by Gina Frierman-Hunt and Julie Solberg

If you are interested in pursuing a graduate degree, check out our website for assistance with this process: http://bit.ly/1c7fd8P
If you are interested in Medical School, check out this site for details about the application process: http://bit.ly/1dz52Nt