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 Genetics

Biology encompasses the study of all living organisms, including microbes, plants, and animals. The study of biology includes various aspects of life, including basic organization (molecular, cellular, tissues, organs), how organisms function, their roles in the natural environment, how hereditary information is transferred, and development of biotechnology. Biology graduates are broadly trained and well prepared for admission into strong graduate programs in the biological sciences and professional schools (medical, dental, and veterinary). They may also directly assume positions in government, education, industry, or certain technical fields. Genetics is a discipline of biology, is the science of genes, heredity, and variation in living organisms. Genetics is the process of trait inheritance from parents to offspring, including the molecular structure and function of genes, gene behavior in the context of a cell or organism, gene distribution, and variation and change in populations. Given that genes are universal to living organisms, genetics can be applied to the study of all living systems; including bacteria, plants, animals, and humans.

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

Biotechnologist  
Botanist  
Clinical Geneticist  
Clinical Research Coordinator  
Crime Lab Analyst  
Embryologist  
Field Study Coordinator  
Forensic Scientist  
Food and Drug Inspector  
Genetics Counselor  
Geneticist  
Genetics Laboratory Supervisor  
Lab Coordinator  
Laboratory Geneticist  
Laboratory Technician  
Medical Equipment Sales Rep.  
Medical Investigator  
Medical Doctor/Nurse  
Medical/Science Librarian  
Medical/Science Writer-Editor  
Microbiologist  
Nuclear Medicine Specialist  
Plant Geneticist  
Postdoctoral Research Fellow  
Public Health Specialist  
Parasitologist  
Pharmaceutical Sales Rep.  
Physician Asst.  
Public Health Specialist  
Research Immunologist  
Research Geneticist  
Teacher  
Toxicologist  
Zoologist

Possible Employers

BioLab  
Biotechnology Firms  
Bristol Myers Squibb  
Center of Limnology  
Centers for Disease Control  
Chicago Academy of Sciences  
Clinics/Hospitals  
Cryolife  
Dana-Farber Cancer Institute  
Danaklion American  
Dept. of Natural Resources  
Diagnostic testing companies  
EPA  
Food and Drug Administration  
GA Bureau of Investigation  
GA State Department of Health  
GenScript  
Hematology/Oncology of NE GA  
Joseph W Jones Ecological, Inc.  
Katholieke Universiteit Leuven  
Medical Laboratories  
Meditech Media  
Merieux Laboratories Inc.  
National Institute of Health  
Neural Signals, Inc.  
New England Medical Center  
Ocean Aquariums  
ORISE/CDC  
Pharmaceutical companies  
Southeast Poultry Research Lab  
Uplift Education  
Vanash Scientific, Inc.  
Veterinary Specialists

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

Undergrad Coordinator
Dr. Mary Bedell
ugcoord@uga.edu
(706) 542-0288

Advisor
Susan White
whites@uga.edu
(706) 542-1127

Pre-Dent. & Optometry
Carol Roberts, M.S.
robertsc@uga.edu
(706)542-0444

UGA Premedical Studies
Dr. David Eisner
Interim Director
(706)542-0444

Alpha Epsilon Delta Premedical Honors Society – http://www.uga.edu/aed/
American Medical Student Association (AMSA) - http://www.ugaamsa.org
Pre-Nursing Club – https://www.facebook.com/groups/134274903302291/
Pre-Veterinary Medicine Club - http://pre-vet.uga.edu/
Pre-Physician Assistant Club – Website: http://www.prepaclub.uga.edu
Pre-Pharmacy Society: Email Address: pharmsoc@uga.edu

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:

Careers in the Biological Sciences - http://www.aibs.org/careers/
Careers, American Institute of Biological Science - http://www.aibs.org/careers/
SCA – Internships; Gap Years (room/board/stipend) - http://www.thesca.org/serve/internships
Environmental Jobs & Careers - http://www.ejobs.org/

Professional Information Resources

American Society of Human Genetics (ASHG) - www.ashg.org/
National Society of Genetic Counselors - http://www.nsgc.org
American Society for Biochemistry and Molecular Biology - http://www.asbmb.org/
American Institute of Biological Science - http://www.aibs.org/careers/
American Society for Microbiology - http://www.asm.org/
The Oceanography Society - http://www.tos.org/resources/job_ann.html
Institute of Bioinformatics - http://www.ibioinformatics.org/careers.htm

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:

If you are interested in 1) graduate school or 2) Medical school visit the sites below:
1) http://bit.ly/1c7fd8P
2) http://bit.ly/1dz52Nt