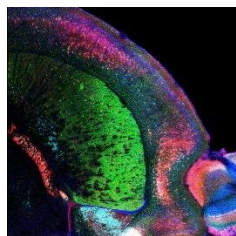




General Biology



Using information from the University of Maryland graduation survey, we have compiled information about General Biology majors, such as where they work or go to graduate school post-graduation. Check out the topics below to learn more about planning for your career! For more information, follow the link to the University Career Center at CMNS (UCC@CMNS): go.umd.edu/uccatcmns

Industries and Career Paths

General Biology majors are employed by governmental, industrial and academic organizations and non-academic settings. This specialization will specifically prepare students for graduate study in a broad range of biological fields, secondary school teaching, science writing, professional schools, biology- business related careers, and basic or applied research.

Organizations

The following list showcases employers of UMD General Biology undergraduates:

- Harvard Vanguard Medical Associates
- American Medical Response
- Accenture
- Merkle Inc.
- Medstar National Rehabilitation Hospital
- The National Institutes of Health (NIH)
- ScribeAmerica
- Bioqual Inc.
- Montgomery County Public Schools
- Holy Cross Hospital
- Walter Reed Army Institute of Research
- Microbac Laboratories
- CityMD
- 2U, Inc
- IBM
- Octopharma Plasma Inc.
- AstraZeneca
- Amelia Heart and Vascular Center
- Aerotek
- Homology Medicine Inc.

Job Titles

The sample job titles below exemplify positions General Biology majors are qualified for upon graduation. This is not an exhaustive list, but a starting point for exploration.

- EMT-B
- Medical Scribe
- Medical/Dental/Clinical Assistant
- Analyst
- Postbac IRTA Fellow/Research Fellow
- Laboratory Technician/Assistant
- Research Associate/Assistant
- Scientific Recruitment Advisor
- Surgical Coordinator
- Endocrine Clinic Manager
- Data Scientist & Advanced Analytics Lead
- Biological Support Specialist
- Physical Therapist Aide
- Science Teacher
- Product Strategy Analyst
- Sales Operations and Strategic Associate



Graduate Schools

The following is a list of schools where graduates are pursuing graduate degrees:

- American University
- Columbia University
- Emory University
- George Mason University
- George Washington University
- Georgetown University
- Johns Hopkins University
- New York Medical College
- New York University
- Rutgers University
- Sackler School of Medicine
- Temple University
- University of Maryland
- University of Maryland, Baltimore
- University of Virginia
- Virginia Tech

Skills Developed as a General Biology Major

The University of Maryland will prepare each student with many different skills to take into the workplace. These skills will come from academic coursework as well as co-curricular experiential learning opportunities. For insight into what employers are looking for, review the skills inventory list (go.umd.edu/skillslist) to examine ways to include technical and cross-disciplinary skills on a resume, in interviews and on LinkedIn. The following link highlights “must have” career readiness competencies, according to employers: (go.umd.edu/fourcompetencies).

This major will prepare you with the following technical and cross-disciplinary skills to:

1. define a research question and design an experiment to answer it in a meaningful and scientific way
2. gather and analyze data, to see relationships among different factors affecting the data, and to draw meaningful conclusions from these data
3. apply appropriate mathematical calculations and modeling to scientific problems
4. communicate via research proposals, journal papers, and oral presentations
5. collaborate efficiently and productively with other researchers
6. master computers and other technology, such as centrifuges, microscopes, spectrophotometers, and electrophysiological data collection equipment

General Biology Major Resources

The following resources will help you explore relevant career paths, as well as job postings:

- American Institute of Biological Sciences: aibs.org
- Association of Applied Biologists: aab.org.uk
- Vault – Employer/Industry insights, rankings and reviews: vault.com
- Biology and Other Life Sciences Jobs:
<https://access.vault.com/recordurl?nid=9781438191782gpv&wid=256769&vid=1>