

BIOLOGY & LIFE SCIENCES



KEY SKILLS

- Active Learning
- Critical Thinking
- Data Analysis
- Memorization
- Monitoring & Observation
- Research
- Teamwork
- Technical
- Writing



CONCENTRATIONS/SPECIALIZATIONS

- Anatomy/Physiology
- Astrobiology
- Biochemistry
- Biological/Physical Anthropology
- Biophysics
- Body-Focused Specializations
 - Histology
 - Immunology
- Neuroscience
- Botany
- Cellular Biology
- Ecology
- Evolutionary Biology
- Genetics
- Molecular Biology
- Pharmacology
- Toxicology
- Zoology



SAMPLE DEGREES

- Biochemistry (BS)
- Biological Anthropology (BS)
- Biology (BA, BS, BS/MS, MS, PhD)
- Biophysics (BS, MS, PhD)
- Biostatistics (MPH, MS, PhD)
- Forensic Molecular Biology (MFS)
- Human Paleobiology (MS, PhD)
- Neuroscience (BS)
- Secondary Education (Concentration in Biology) (MEd)



SAMPLE OCCUPATIONS

- Biochemist
- Biological Anthropologist
- Biological Technician
- Biostatistician
- Botanist
- Dietitian
- Food Scientist
- Geneticist
- Marine Biologist
- Microbiologist
- Medical Manager
- Pharmaceutical Sales Representative
- Physician
- Professor/Teacher
- Research Scientist
- Veterinarian
- Zoologist



POSSIBLE WORK SETTINGS

- Agricultural Company
- Biological Testing Lab
- Chemical Company
- Engineering Firm
- Federal Government
- Hospital
- Medical Corporation
- Medical Office
- Nonprofit Organization
- Pharmaceutical Company
- Research Laboratory
- School
- Sports Team
- State/Local Agency
- University/College
- Veterinary Office/Hospital



SAMPLE STUDENT ORGS

- American Medical Physiology Club
- Delta Epsilon Mu (Pre-Health)
- GlobeMed at GWU
- GW Greenhouse Club
- GW iGEM
- GWU Red Cross
- Iota Beta Sigma (Biomedical)



SAMPLE EMPLOYERS

- Academy of Nutrition & Dietetics
- American Cancer Society
- Bayer
- Biogen Idec
- Booz Allen Hamilton
- Center for Disease Control
- Children's National Medical Center
- ConAgra Foods
- DC Public Schools
- Ecolab
- Exponent
- Georgetown University
- Gryphon Scientific
- MedStar Health Research
- National Institutes of Health
- National Wildlife Federation
- Noblis
- RTI International
- Sabin Vaccine Institute
- Sandia National Laboratories
- Smithsonian Institute
- Society for Neuroscience
- Sodexo
- St. Jude Children's Hospital
- Student Conservation Association
- The McConnell Group
- The George Washington University
- ThermoFisher Scientific
- US Department of Agriculture
- US Fish & Wildlife Service
- US Forest Service
- UMD Medical System
- Wallace Genetic Foundation
- World Health Organization



PROFESSIONAL ORGS

- American Association for the Advancement of Science
- American Medical Association
- American Society for Cell Biology
- National Science Foundation
- Society for Integrative and Comparative Biology
- The American Institute of Biological Sciences

