

BIOLOGICAL SCIENCES

The biological sciences encompass many fields. Biologists study the structure and functions of living organisms, from the individual cell to the whole organism and communities. In the past three decades, advances in molecular biology and genetics have been rapid, opening many new, exciting career opportunities in the fields of biotechnology and genetic engineering. Biology graduates can pursue a variety of options including graduate and professional school in medicine, dentistry, veterinary medicine and other health-related areas, as well as careers in research or commercial laboratories, private and government agencies, and in teaching. In fact, over 100 different occupations have been listed for biologists.

Students select one of five concentrations in a field of interest:

- Organismal Biology/Physiology
- Pathobiology
- General Biology
- Cell/Molecular Biology/Genetics/Biochemistry
- Ecology/Evolutionary Biology/Paleobiology

Employers Who Have Hired Drexel Students Include:

Academy of Natural Sciences
Amicus Therapeutics
Children's Hospital of Philadelphia
Drexel University
Fox Chase Cancer Center
GlaxoSmithKline
Johnson & Johnson
Lankenau Institute
Main Line Clinical Lab
Merck
Philadelphia Zoo
Progenra Inc.
University of Pennsylvania

Students wanting information about the major can visit the Department of Biology at room 123 in the Papadakis Integrated Sciences Building (PISB), call the department at 215.895.2624, or visit drexel.edu/biology. Sample plans of study for biology majors are available at catalog.drexel.edu/undergraduate/collegeofartsandsciences/biologicalsciences/#sampleplansofstudybtext

JOB TITLES

Rehab Technician
Research Assistant

Safety Assessment Analyst
Laboratory Technician

Dental Assistant
Plant Tissue Culture Laboratory
Assistant
Medicinal Chemist
Pharmaceutical Development Engineer

Please refer to drexel.edu/scdc for the most recent co-op salary information

PROFESSIONAL ASSOCIATIONS & INTERNET RESOURCES

Am. Institute of Biological Sciences
aibs.org/careers

American Society for Microbiology
asm.org

Biotechnology Industry Organization
bio.org

American Dental Association
ada.org

BioSpace
biospace.com/

Am. Academy of Forensic Sciences
aafs.org

CAREER RESOURCES

Resume, Interviewing and Job Search Best Practices
drexel.edu/scdc/professional-pointers

Workshop Calendar
drexel.edu/scdc/calendars-events/workshops

DREXEL DEPARTMENTS

Department of Biology
Undergraduate Advising
Papadakis Integrated Sciences Building,
Room 218
3245 Chestnut St.
215.895.2623
drexel.edu/coas/contact/advisors

Steinbright Career Development Center
Pre-Health Advising
drexel.edu/scdc/career-services/health-profession

Career Services Library
Careers Collection
Hagerty Library
33rd and Market Streets, Room 136
www.library.drexel.edu/guides/careers