

# WHAT CAN I DO WITH MY MAJOR?

## BIOLOGY

Biology explores the science of life, examining the structure, function, growth, and evolution of living organisms. It encompasses a wide range of topics, including genetics, ecology, microbiology, and physiology, providing a comprehensive understanding of the natural world.

### COMMON JOB TITLES

\* additional education or certification required post graduation

#### ENTRY & MID LEVEL POSITIONS:

Laboratory Technician

Environmental Scientist/Technician

Conservationist\*

Community Health Worker

Medical Professional\*

Epidemiologist\*

Teacher/Professor\*

Quality Control Technician

Research Technologist

Wildlife Biologist

Clinical Research Coordinator

Technical Writer

Microbiologist\*

Environmental Consultant\*

### AREAS OF EMPLOYMENT: WHERE DO BIOLOGY MAJORS TYPICALLY WORK?

**Laboratories:** UNMC, Actalent, LabCorp,

**Pharmaceutical Companies:** Merck, Johnson & Johnson

**Health Care Clinics:** CHI Health, Nebraska Medicine

**Zoos & Parks:** Henry Doorly Zoo, Fontenelle Forest, Hummel

**Nursing & Group Homes:** Hillcrest, NAMI NE, Cedar Creek

**State & Local Health Departments:** Sarpy/Cass County, Douglas

**Colleges & Universities:** UNMC, UNO, Nebraska Methodist College

**Hospitals (People & Animal):** Nebraska Methodist, VCA Animal Medical Center, Lakeside

**Govt. Agencies:** NE Dept. of Environment & Energy, NE Dept of Agriculture, NDHHS

**Nonprofit Org.:** NE Wildlife Federation, American Red Cross, NE Nature Conservancy

**Corporations:** ConAgra, HDR, Kiewit, Scoular

**Research Centers:** Buffet Cancer Center, UNMC Center for Applied Genomics, USDA-ARS

### IMPORTANT QUALITIES:

#### Transferable Skills Gained:

Analytical Skills

Critical Thinking Skills

Observation Skills

Laboratory Techniques

Technical & Research Writing

#### Concrete Skills Gained:

Microsoft Office

Python

R

MATLAB

SPSS

### HOW TO DEVELOP YOUR SKILLS :

Join a **UNO Biology Student Organization** to connect with other students and explore a variety of your interests

Volunteer to help maintain **Nebraska's Nature Preserves** to gain hands on experience

Explore and apply for research opportunities locally, nationally, or within the **UNO Biology Department**

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### MAJOR + MINOR SPECIALIZATION: HOW CAN I SPECIALIZE IN SOMETHING BEFORE I GRADUATE?

Biology + Environmental Science minor = Environmental Scientist/Conservationist\*

\* additional education or certification required post graduation

Biology + Mathematics minor = Lab Technician

Biology + Chemistry minor = Quality Control Technician

### OCCUPATIONAL OUTLOOK:

Biological Technicians

High School Teachers

Epidemiologists

Conservation Scientists

Clinical Laboratory Technologists

Pharmaceutical Sales Representatives

### EMPLOYMENT OPPORTUNITIES:

Check out daily job postings on **Handshake** related to biology jobs, internships, and opportunities to boost your student experience

### ADDITIONAL EDUCATION:

A **Masters degree** or **Doctoral Degree** may be beneficial or required after graduation depending on your desired career path. Advanced degrees offer opportunities for specialized study, research, and development

#### More information:

UNO Graduate Programs in Biology

UNL P.h.D in Biological Sciences

### OTHER RESOURCES :

UNO Department of Biology

Career Exploration in Career Services

### NEED SOME EXTRA HELP?


Book an appointment with the Health Careers Resource Center (HCRC)


Book an appointment with Career Services

Book an appointment with your Advisor

### Career Services

 EAB 113

 6001 Dodge Street, Omaha, NE 68182

 402.554.3672

 [careers.unomaha.edu](https://careers.unomaha.edu)

 [careers@unomaha.edu](mailto:careers@unomaha.edu)

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