# I CAREER SERVICES 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

## **IMPORTANT QUALITIES:**

#### Transferable Skills Gained:

Analytical Skills Critical Thinking Skills Observation Skills Laboratory Techniques Technical & Research Writing 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

### Concrete Skills Gained:

Microsoft Office Python R MATLAB SPSS

# HOW TO DEVELOP YOUR SKILLS :

Join a <u>UNO Biology Student Organization</u> to connect with other students and explore a variety of your interests Volunteer to help maintain <u>Nebraska's Nature Preserves</u> to gain hands on experience Explore and apply for research opportunities locally, nationally, or within the <u>UNO Biology Department</u>

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

<u>Biology</u> + <u>Environmental Science minor</u> = <u>Environmental Scientist/Conservationist</u>\* Biology + Mathematics minor = Lab Technician

Biology + Chemistry minor = Quality Control Technician

OCCUPATIONAL OUTLOOK:

<u>Biological Technicians</u> <u>High School Teachers</u> <u>Epidemiologists</u> <u>Conservation Scientists</u> <u>Clinical Laboratory Technologists</u> Pharmaceutical Sales Representatives

# **EMPLOYMENT OPPORTUNITIES:**

\* additional education or certification required post graduation

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

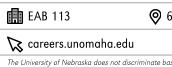
# **OTHER RESOURCES :**

<u>UNO Department of Biology</u> <u>Career Exploration in Career Services</u>

# NEED SOME EXTRA HELP?

Book an appointment with the <u>Health Careers Resource Center (HCRC)</u> Book an appointment with <u>Career Services</u> Book an appointment with your <u>Advisor</u>

### Career Services



6001 Dodge Street, Omaha, NE 68182 402.554.3672

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