

Chemistry is the scientific discipline dedicated to understanding the composition, structure, properties, and transformations of matter. It plays a crucial role in advancing knowledge and solving real-world challenges in areas such as medicine, energy, and materials science.

# COMMON JOB TITLES \* additional education or certification required post graduation

#### **ENTRY & MID LEVEL POSITIONS**

Lab Chemist\* Lab/Research Technician Medical Professional/Physician\* Quality Control Specialist Pharmacist\* Teacher/Professor\*

Sales Representative Forensic Scientist\* Project Manager **Technical Writer** Environmental/Field Service Technician Food Scientist\*

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

**Laboratories**: UNMC, Celerion, NE State Patrol Crime Lab **Hospitals**: Nebraska Methodist, Children's Hospital K-12 Schools: OPS, Elkhorn Public Schools, **Universities**: UNO, UNL, Creighton University

**Pharmaceutical Companies**: Pfizer, Merk Animal Health, Zoetis **Energy Sectors**: Green Plains Inc., OPPD, Monolith Materials

**Health Clinics**: CHI Health, Omaha Health Clinic, Methodist Community Clinic **Research Institutes**: Boys Town, Buffet Cancer Center, NE Biocontainment

Government: FDA, CDC, OSHA

Consulting Businesses: HDR, Inc., Olsson, Deloitte **Corporations**: Conagra Brands, Kiewitt, Golder Associates

**Manufacturing Companies**: Evonik, NatureWorks LLC, Novozymes

## **IMPORTANT QUALITIES:**

#### Transferable Skills Gained:

**Problem Solving Laboratory Techniques** Critical Thinking Observation Skills **Technical Writing** 

#### **Concrete Skills Gained:**

Microsoft Excel MATLAB LabWare EndNote

### HOW TO DEVELOP YOUR SKILLS:

Join a **UNO Chemistry Student Organization** to connect with other students, participate in meetings, and explore careers in Chemistry Contribute to a **UNO Research Lab** to explore your interests, collaborate with faculty, and gain realistic experience Participate in **Outside the Classroom Learning Initiatives** to apply your learning to real-life and develop new perspectives



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

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Chemistry + Mathematics minor = Lab Chemist

<u>Chemistry</u> + <u>Environmental Science minor</u> = <u>Environmental Field Technician</u>

Chemistry + Public Health minor = Medical Professional\*

### OCCUPATIONAL OUTLOOK:

Chemists **Pharmacists Food Scientists Technical Writers** Laboratory Technologists

### **EMPLOYMENT OPPORTUNITIES:**

Check out daily job postings on **Handshake** related to accounting 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 A-Z **UNL Chemistry Graduate Programs** 

### OTHER RESOURCES:

**UNO Department of Chemistry** Career Exploration in Career Services

U.S. Bureau of Labor Statistics: Occupational Outlook Handbook

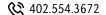
### **NEED SOME EXTRA HELP?**

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

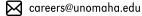
#### **Career Services**



6001 Dodge Street, Omaha, NE 68182







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