

WHAT CAN I DO WITH MY MAJOR?

CHEMISTRY

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, Merck 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 Unit

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

R

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

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

Chemistry + Mathematics minor = Lab Chemist

* additional education or certification required post graduation

Chemistry + Environmental Science minor = Environmental Field Technician

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

 EAB 113

 6001 Dodge Street, Omaha, NE 68182

 402.554.3672

 careers.unomaha.edu

 careers@unomaha.edu

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