

# What you can do with your **CHEMISTRY MAJOR**



## Chemistry Major Skills:



### Problem Solving

You identify, formulate and solve integrative problems using appropriate information and approaches.



### Critical Thinking

You analyze information, including research literature, to synthesize and advance chemical knowledge.



### Data Analysis

You learn to model chemical systems, analyze and manage data using technology, interpret results to direct future studies and predict outcomes.



### Written & Oral Communication

You articulate thoughts and ideas clearly and effectively through written reports, visual aids, and presentations; explain research findings to technical and non-technical audiences.



### Research & Research Design

You understand how to define a problem, design and conduct safe studies to generate data, develop methods to operate instrumentation, identify strengths and weakness of experimental methods and approaches.



### Teamwork

You work collaboratively with diverse groups, both chemists and those from other disciplines, to achieve common goals, negotiate, manage conflict, and act with the interests of the larger community in mind.

## Supplement Your Skills With:



**Experience Fostering Professional Equity & Inclusion**



**Familiarity in Areas Related to Research Interests**



**Research, Internships & Part-Time Work**



**Communication to Non-Scientists**



**Leadership & Mentoring**



**Career & Self Development**

## Chart Your Path Forward

### Activate Your Handshake Account

for connections to jobs, internships, employer & alumni networking.

### Explore Career Communities

to discover a wide variety of fields where you can turn your Chemistry major into success.

### Get Career & Internship Advising

from SuccessWorks to make a plan, whether you're a first-year student or about to graduate.

**Get Started: [successworks.wisc.edu](https://successworks.wisc.edu)**

# Put your Chemistry major to **WORK**

## Common Alumni Job Titles:

- Scientist
- Chemist
- President
- Partner
- Chief Executive Officer
- Professor
- Consultant
- Business Owner
- Project Manager
- Analytical Chemist
- Associate
- Postdoctoral Scholar
- Research & Development
- Engineer
- Biochemistry Teacher
- Lab Manager

## Top Employers of Alumni:

- PPD
- UW-Madison
- AbbVie
- MilliporeSigma
- 3M
- Exact Sciences
- LabCorp (formerly Covance)
- Amcor
- Arrowhead Pharmaceuticals
- Bristol Myers Squibb
- Dupont
- Catelet Pharma Solutions
- Ecolab
- General Mills
- Harvard University

## Recent Grads' Career Plans:

- 53%** Employment
- 42%** Continuing Education or Grad School
- 5%** Other

## Recent Grads' Employment Sector:

- Life Sciences
- Education
- Healthcare
- Information Technology
- Consumer Goods
- Manufacturing
- Research
- Finance
- Natural Resources
- Services

## Where Alumni Live & Work:

- 35%** Wisconsin →
- 9%** California →
- 8%** Illinois →
- 4%** Minnesota →
- 4%** Colorado →
- 40%** Other →



"As a Chemistry major, I was able to explore multiple different career pathways including pharmacy, renewable energy, genetics and biotechnology. I ultimately selected water resources engineering, where I work restoring natural water ecosystems, managing stormwater runoff, reducing nutrient loading in watersheds, and improving wastewater treatment facilities."

**Natalie Lenz, 2016**  
Water Resources Engineer, Jacobs  
Milwaukee, WI



"The people I met and worked with in Chemistry are now chemists, actors, doctors, fashion designers, pharmacists, and startup founders. Chemistry is an opportunity to dive into challenging subject matter with bright people who become part of your network as you grow professionally."

**Brock Hensen, 2012**  
COO, EnsoData  
Madison, WI

## Career Communities for Chemistry Majors

SuccessWorks has eight Career Communities to connect you with career advising, resources, and programs. Here are a few suggestions on where Chemistry majors can start.

- Scientific Research & Development
- Healthcare & Human Services
- Technology, Data & Analytics
- Non-Profit Management & Education

Not inspired by these options? Visit SuccessWorks to explore more widely.

[successworks.wisc.edu](https://successworks.wisc.edu)