

What you can do with your Chemistry major



Chemistry is a core science because a strong knowledge of the material world is essential to other science advancements. Chemistry majors study the composition and behavior of matter, the processes of chemical change, and the theoretical description and laboratory simulation of these processes. Diverse career paths include business, industry/manufacturing, information technology, medical science, food science, chemical engineering, and education. Occupational trends in pharmaceutical and medicine manufacturing show that chemists are needed to develop nanotechnology for medicinal uses, support forensic processes in law/policy, and in green chemistry to improve workplace and community environmental safety.

According to the [Bureau of Labor Statistics](#), those who majored in Chemistry can expect employment in those areas to grow 6% from 2021 to 2031, as fast as the average for all occupations. The employment of these professionals is projected to grow as they continue to be needed in scientific research and development (R&D) and to monitor the quality of products and processes.

Essential Skills & Characteristics to develop and highlight:



Passion for solving problems



Active, hands-on learning



Attention to detail and organization



Written and Oral Communications



Love of Laboratories



Data analysis



Digital Literacy



Teamwork

How To Get Started:

- [Assess](#) your personal strengths & preferences
- [Research opportunities](#): online/in-person
- [Expand your chemistry & technical network](#) and professional brand
- Get an [internship/relevant work](#) experience
- [Join a chemistry social/professional organization](#)
- [Connect with professionals](#) through career conversations & job shadowing

Chart Your Path Forward with the [Career Success Center](#)

[Activate Your Handshake Account](#)

for events, coaching appointments and connections to jobs, internships, employer & alumni networking & more! www.wcsu.edu/handshake

[Explore Career Communities](#)

on our [web portal](#) to discover a wide variety of fields where you can turn your Chemistry major into success.

[Get Career & Internship Advising](#)

from the Career Success Center to make a plan, whether you're a first-year student, about to graduate, or have graduated!

Put your Chemistry major to **WORK**

Common Alumni Job Titles:

- Agricultural Scientist
- Biochemist
- Biophysicist
- Chemical Engineer
- Environmental Scientist
- Geoscientist
- Teacher/Professor
- Material Engineer
- Analytical Chemist
- Organic Chemist

Employers of Chemistry Majors:

- Boehringer Ingelheim
- Mannkind Corp
- WCSU
- Perkin-Elmer, Inc.
- Bedoukian Research
- King Industries
- Pfizer
- Western Connecticut Health Network
- Greenfield Global

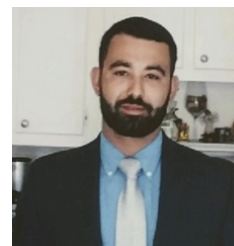
Recent Chemistry Alumni

Employment Sector

- 29 % Manufacturing
- 19 % Health Care and Social Assistance
- 16 % Retail Trade
- 11 % Professional, Scientific and Tech Services
- 9 % Educational Services
- 6 % Construction
- 2 % Wholesale trade
- 2 % Information

Live & Work

- 63 % Connecticut
- 15 % Middle Atlantic
- 11 % New England Balance
- 6 % South Atlantic
- 3 % West South Central
- 1 % Pacific
- 1 % East North Central



[Idervan DeCosta](#)

B.S. Chemistry, Class of 2017
COO Green Empire Therapeutics

"The WCSU chemistry program gave me the skills to accelerate my career by being able to think critically, communicate clearly, and by directly applying my chemistry knowledge to help facilitate scheduling, sourcing, and costing of my company's day to day operations."



[Brittany Baisch](#),
PH.D.,DABT

B.A. Chemistry, Class of 2008
Regulatory Toxicology Lead for a crop protection startup company

"With my Chemistry, Biochemistry and Spanish degrees, I learned how to problem solve and ask scientific questions in WCSU's brand-new facility with state-of-the-art instrumentation, small lab sizes and dedicated faculty who had the hearts of teachers. They encouraged us to push our intellectual boundaries, and the campus offered internships and jobs to enhance my teaching and communication skills. Attending WCSU was one of my best life decisions!"

Informational & Job Websites

- <https://wcsu.joinhandshake.com/login>
- <http://www.chemistryjobs.com/jobseeker>
- <https://jobs.newscientist.com/jobs/chemistry/>
- <http://www.onedayonejob.com/majors/chemistry/>
- <http://www.acs.org/content/acs/en/careers.html>
- <http://www.icca-chem.org/>
- <http://www.americanchemistry.com/>
- <https://www.thebalance.com/chemist-career-information-525995>
- <http://www.environmentalscience.org/career/chemist>
- http://learningpath.org/articles/Chemist_Career_Summary.html
- <https://www.bls.gov/oes/current/oes192031.htm>
- <https://www.recruiter.com/salaries/chemists-salary/>
- <http://www.sokanu.com/careers/chemist/salary/>

Career Communities for Chemistry Majors

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

Not inspired by these options? Visit our website at www.wcsu.edu/careersuccess/career-communities/ to view more.

- [Technology, Environmental and Physical Sciences](#)
- [Business Management, Finance & Consulting](#)
- [Healthcare, Wellness & Life Sciences](#)