



DEPARTMENT OF
CHEMISTRY
College of Arts and Sciences

You will have an impact with a degree in Chemistry

DISCOVER and synthesize new materials and medicines!
BECOME a doctor, dentist, instructor, researcher, or more!
UNCOVER and **BUILD** knowledge of the molecular world!



	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR+
Your Courses	Build a firm foundational trail with CHEM 1314 and 1515 and introductory Biology Calculus and general electives.	Delve into the details of analytical and synthetic organic chemistry with CHEM 2113, 3053, 3153 , these alongside Physics, advanced Math, and History.	Explore structure and driving forces in inorganic, physical, and biochemistry with CHEM 3353, 3433, 3553 and BIOC 3653 alongside labs and electives.	Build advanced skills in synthetic chemistry and chemical measurement with CHEM 4322, 4443 and 4023 , this while finishing classes of interest.
Your Experience	Reach out to engaging faculty to explore the possibilities of independent research in modern chemical laboratories.	Join a research lab if you have yet to do so, and start building a record of independent research results!	Attend a local, regional, and/or national American Chemical Society meeting! Make an early impact in science research from work in a research lab!	Present at the annual OSU Undergraduate Research Symposium! Publish scientific results in the chemical literature!
Your Community	Network with faculty, staff and other students at departmental receptions and tailgates to get to know the department.	Join the ACS Student Affiliates to meet and socialize with other science majors that share your passions!	Participate in outreach and extension activities, like Mole Day at the Science Museum and OSU Grandparent University .	Attend local job fairs and explore internships and potential work opportunities. Assume a leadership position in the ACS Student Affiliates!
Your Career Readiness	Talk with faculty and your academic advisor and attend the Major's Fair to learn about the degree and opportunities.	Apply for Wentz, Purdie, Niblack and Beckman Scholarships . Be an early applicant for the Goldwater Scholarship .	Apply for research scholarships, and apply to an NSF summer Research Experience for Undergraduates Program!	Apply for an NSF Graduate Research Fellowship . Apply to selective professional programs: Graduate, Medical, Dental, etc.
Your Personalized Path	Consider a 2nd Major, Minor, or Research Certification. Some include Biochemistry, Math, Microbiology, Plant Biology or Psychology.			

YOU WILL LEARN

The driving forces for changes in matter and energy. How to make and purify new materials. How to perform accurate measurements and successful chemical experiments. How to analyze and visualize data. How to present and discuss scientific findings

WHAT IS NEXT

Work in fields like: Biotechnology, Drug Development, Food Science, Forensics, Public Health

Enter professional school, such as: Graduate School, Medical School, Pharmacy School, Dental School

Learn more about building your custom path, visit:
chemistry.okstate.edu

