



COLLEGE OF
ARTS AND SCIENCES

Chemistry



MAJORS

Chemistry, BS
(Approved by the American Chemical Society)
Medicinal Chemistry, BS
Biochemistry, BS

Chemistry, BS
Chemistry: Pre-Health, BS
Chemistry: Secondary Teacher Certification, BS

Chemistry majors are employed in a large array of professional fields. Both the ACS Approved degree and the Medicinal Chemistry major provide a clear path into professorial and graduate schools with a 100% acceptance rate achieved by our students over the past two decades. Our majors often find immediate employment in biotechnology, pharmaceutical, agricultural, petrochemical, forensics, environmental laboratories and startups. Roles vary from technicians, quality control and assurance specialists, forensics scientists, and more. During the course of the degree, students study both the atomic and molecular structure of matter and investigate the fundamental reactions in life, the development and formulation of new materials, industrial production processes, and more.

PROGRAM HIGHLIGHTS

Chemistry Degree Options Include

ACS Approved - for Graduate School, Medical School, and Research Positions

Pre-Health - for Dental, Medical, Nursing, Pharmacy, or Law School

Secondary Teacher Certification - for future High School or Middle School Teachers

Medicinal Chemistry Degree - an ACS Approved Degree tailored for Pharmacy School, Medical School, and Research Positions

Biochemistry Degree - for Biologically Focused Professional and Medical Schools

CONTACT CAS

Oklahoma State University
108 Life Sciences East, Stillwater, OK 74078
405-744-4968 (4YOU) | cas.okstate.edu

CONNECT. ACHIEVE. SUCCEED.

#CAScowboys



@okstatecas



POTENTIAL CAREERS

Consulting
Environmental Protection
Military & Law Enforcement
K-12 Teachers and University
Professor
Quality Control
Research & Development
Sales & Marketing



VIEW WEBSITE

COURSES TO LOOK FOR

Organic Chemistry
Physical Chemistry
Inorganic / Bioinorganic Chemistry
Biomolecular Chemistry and Function
Medicinal Organic Chemistry
Modern Methods of Chemical Analysis

RESEARCH AND OPPORTUNITIES

- Paid Hands-on Laboratory Research Experiences
- Teaching Assistantship Opportunities
- OK-LSAMP Louis Stokes Alliance for Minority Participation
- Training on State-of-the-Art Chemical Instrumentation
- Training on Computational Chemistry with OSU's High-Performance Computer

STUDENT INTERNSHIPS

- Bayer Pharmaceutical - St. Louis, MO
- BioXFEL - Buffalo, NY
- Genentech - San Francisco, CA
- National Science Foundation - Alexandria, VA
- XploSafe - Stillwater, OK
- American Chemical Society - Washington DC
- Chevron Phillips - Bartlesville, OK

GET INVOLVED

Stay active on campus while making lifelong friends. Get involved with groups, such as:

- ACS Student Affiliates
- Phi Lambda Upsilon
- American Medical Student Association
- Global Medical Brigades
- CAS Ambassadors
- CAS Student Council

chemistry.okstate.edu

107 Physical Sciences
Stillwater, OK 74078
405-744-9046

SCHOLARSHIPS

Many scholarships are available for prospective freshmen, transfer students, current students and continuing students. For more scholarship information, please visit

cas.okstate.edu/scholarships

Oklahoma State University
Office of Undergraduate Admissions

admissions.okstate.edu | 405-744-5358