THE CURRICULUM

The Bachelor of Science degree in Chemistry offers three degree options: American Chemical Society Certified (ACS), Departmental, and Secondary Teacher Certification.

CHEMISTRY IS THE STUDY OF MATTER AND ITS PROPERTIES, THE CHANGES THAT MATTER UNDERGOES AND ENERGY ASSOCIATED WITH THOSE CHANGES.

Chemists apply their knowledge to perform fundamental studies dealing with materials, health, agriculture and the environment. A major focus is on the development of new materials as well as making improvements to existing materials to improve the quality of life. Chemists routinely interact with researchers in material science, biology, nutrition and physics to solve a broad range of problems.
OPPORTUNITIES FOR CHEMISTRY STUDENTS
• ACS Student Affiliates
• Research Opportunities starting freshman year with opportunities to present at conferences
• Training on state-of-the-art chemical instrumentation
• Teaching Assistantships
• OK-(Louis Stokes Alliance for Minority Participation) LSAMP Symposium Presentation

SCHOLARSHIPS
• Wentz Scholarship
• Niblack Research Scholarships
• Chemistry Scholarships more than $20K is awarded annually

3+3 LAW OPTION ALLOWS FOR EARLY ADMISSION
• Complete bachelors and law degree in six years instead of seven
• Works at all Oklahoma law schools and others that offer early admission opportunities

CAREERS Students interested in careers in chemistry should be creative, highly motivated and have an aptitude for solving problems. For some areas of specialization, a background in mathematics, physics or biology may also be essential.

OUR GRADUATES’ CAREERS
• Graduate School
• Medical School
• Industrial Labs
• Environmental Labs
• Forensic Labs
• Pharmaceutical Labs
• Government Labs
• Food Quality Labs
• Materials Testing Labs
• Teaching Positions

COURSES in the Department of Chemistry are designed to provide comprehensive training in the four chemistry sub-disciplines—analytical, inorganic, organic and physical—and the lab skills to work safely in a laboratory setting. In addition to the B.S. degree, the Department offers graduate studies leading to the M.S. and Ph.D. degrees in various areas of concentration including bioanalytical, catalysts, chemometrics, computational modeling, environmental studies, explosives detection, forensics, main group compounds, materials characterization, pharmaceuticals, polymers and separation science.

OSUTeach option available to pursue a chemistry degree with secondary teacher certification.

Visit our Finish-in-Four Plans at http://casstudents.okstate.edu/finish-in-four-plans