



GRADUATE STUDIES

Chemistry at Missouri S&T

The Department of Chemistry at Missouri University of Science & Technology offers Ph.D. and M.S. degrees. The Department is heavily focused on fundamental and applied research in the areas of:

1. Materials chemistry (energy conversion and storage, CO₂ capture and utilization, lithium and sodium ion batteries, solid state chemistry, biomedical applications, aerogels, nanodiamonds, MXenes, photonics)
2. Biochemistry (drug delivery and diagnostic platforms, DNA, RNA, antioxidants, DNA nanostructures)
3. Physical chemistry (Raman, NMR, microwave spectroscopy, computational chemistry)
4. Analytical chemistry (spectroscopic and chromatographic detection and analysis of biomolecules, nanoparticles, and pollutants; electrochemistry)
5. Synthetic organic, organometallic and medicinal chemistry (organofluorine chemistry, organometallic catalysts)
6. Coatings and polymers

The core of the Department is formed by a highly research active, diverse and international environment.

FOR MORE INFO VISIT <https://chem.mst.edu>

Things to know

1. Excellent faculty with significant federal and industrial funding, actively working and publishing in cutting-edge research areas
2. State of the art instrumentation
3. Departmental employment with the remission of tuition and most fees is provided to all Ph.D. students
4. Excellent students are supported with Kummer I&E Fellowships.
5. Travel grants are available for students to present their research at conferences
6. 5-Years average time to Ph.D. degree
7. Upon graduation, our Ph.D. students find lucrative positions in industry, academia or national labs with six-figure industrial starting salaries