



TEXAS TECH UNIVERSITY

# Department of Chemistry & Biochemistry™

## PHD AND MS GRADUATE STUDIES IN CHEMISTRY

ANALYTICAL, BIOCHEMISTRY, INORGANIC, ORGANIC & PHYSICAL DIVISIONS



### OUR DEPARTMENT

- Twenty eight faculty serve >110 graduate and >600 undergraduate students
- TTU has >40k students, including ~7k graduate students, across disciplines
- One of 20 Hispanic Serving Institutions with R1 "Very High Research Activity" in Carnegie Classification

### FACULTY RESEARCH INTERESTS

Analytical Chemistry  
Asymmetric Synthesis  
Atmospheric Chemistry  
Bioanalysis  
Biochemistry  
Biofuels  
Biophysical Chemistry  
Cancer Research  
Catalysis  
Chemical Biology  
Chemical Education  
Chemical Imaging  
Chemical Separations

Compressed Sensing  
Computational Chemistry  
Electrochemistry  
Enzymes  
Forensic Chemistry  
Glycomics and Glycoproteomics/Proteomics  
Hydrogen and Fuel Cells  
Inorganic Chemistry  
Interfacial and Gas-Surface Chemistry  
Ionic Liquids  
Ion Mobility Spectrometry

Mass Spectrometry  
Materials Characterization  
Materials Chemistry  
Medicinal Chemistry  
Microfabrications/Microfabricated Devices  
Microscopy  
Molecular Biology  
Nanomaterials  
Natural Products Chemistry  
Nuclear Chemistry  
Organic Chemistry  
Organometallic Chemistry

Photochemistry  
Physical Chemistry  
Plasma Chemistry  
Plant Biochemistry  
Polymer Chemistry  
Quantum Chemical Dynamics  
Quantum Computing  
Sonochemistry  
Spectroscopy  
Structural Biology  
Supramolecular Chemistry  
Synthetic Methodology  
Theoretical Chemistry

- Four years of guaranteed support for all PhD students in good standing
- Stipends as research/teaching assistantships, and several competitive fellowships
- Graduate student to faculty ratio of 4:1 to experience the full benefit of working closely with your research mentor

- Cost of living is 10% lower than US average
- State-of-the-art facilities in the department support cutting-edge research
- Applications accepted for Fall (deadline April 1<sup>st</sup> domestic/ March 1<sup>st</sup> international) and Spring (deadline October 1<sup>st</sup> domestic/ September 1<sup>st</sup> international)



SCAN TO LEARN MORE

<https://www.depts.ttu.edu/chemistry/>  
Connect: chemgrad@ttu.edu



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College of Arts & Sciences™

FROM HERE, IT'S POSSIBLE.