



ADVANCE YOUR CAREER IN *Chemical Engineering*

Kansas State University's nationally ranked graduate programs in chemical engineering feature highly effective research emphasizing sustainable energy and novel materials.

Ph.D. in chemical engineering

M.S. in chemical engineering
(online option available)



EXTENSIVE MULTIDISCIPLINARY COLLABORATIONS

Team up with faculty, students and industry professionals through educational and professional development opportunities.



STRONG FINANCIAL SUPPORT

Receive a nationally competitive stipend of \$31,000 per year plus tuition and fees.



Go to engg.us/che-grad for more information about K-State's chemical engineering graduate programs.

RESEARCH WITH MAJOR IMPACT

- Biological interfaces for sensing applications
- Microbial systems for sustainability in the food, energy and water nexus
- Crystal growth of materials for electronic, optoelectronic and quantum devices
- Design of nanocarbon-based catalysts for dry reforming and photo-degradation of pollutants
- Rapid experimentation for investigating selective growth of carbon nanotubes
- Advanced materials for fuel cells and hydrogen technologies
- Greenhouse gases conversion, utilization and mitigation
- Nanoscale protein biomaterials for manufacturing, health care and environmental applications
- Optimization and control of complex process networks
- Applied artificial intelligence and data analytics in chemical, biological and food processing systems
- Molecular modeling of heterogeneous catalysis for energy and chemical productions
- Machine learning potential development for fundamental materials research