



The Department of Chemical and Materials Engineering in the University of Kentucky College of Engineering offers separate graduate programs leading to M.S. and Ph.D. degrees in both chemical engineering and materials engineering. The combination of these disciplines in a single department fosters collaboration among faculty and a strong interdisciplinary environment. Our faculty and graduate students pursue research projects that encompass a broad range of chemical engineering endeavor, and that include interactions with researchers in agriculture, chemistry, medicine and pharmacy.

KEY RESEARCH AREAS

- ADVANCED SEPARATIONS**
- ALTERNATIVE ENERGY AND SUSTAINABILITY**
- BIOMATERIALS**
- BIOPHARMACEUTICAL ENGINEERING**
- DRUG DELIVERY**
- ENERGY MATERIALS**
- ENVIRONMENTAL ENGINEERING**
- INTERFACIAL ENGINEERING**
- MATERIALS SYNTHESIS**
- NANOMATERIALS**
- POLYMERS AND MEMBRANES**

DIRECTOR OF GRADUATE STUDIES

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- D. BHATTACHARYYA** Illinois Institute of Technology
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- I. ESCOBAR** University of Central Florida
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- A. HAUSER** University of Kentucky
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- Q. SHAO** University of Washington
- D. SILVERSTEIN** Vanderbilt University
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