DOCTOR OF PHILOSOPHY WITH A MAJOR IN CHEMICAL ENGINEERING

The School of Chemical & Biomolecular Engineering offers graduate programs involving advanced-level coursework and independent research leading to MS and PhD degrees in chemical engineering. The MS degree may also be obtained by coursework only. Course selection for both the MS and doctoral degrees is quite flexible, with individual plans of study developed for each student. Research opportunities exist in a broad range of areas of importance to chemical engineers and society, including catalysis, reaction kinetics, complex fluids, microelectronics, microfluidics, optimization, bioinformatics, polymers, sustainable development, pulp and paper, separations, CO2 capture, biomedicine, solar energy, thermodynamics, MEMS, environmental science, reaction engineering, cancer diagnostics and therapeutics, biofuels, air quality, modeling, and process synthesis and control. Furthermore, the School of Chemical & Biomolecular Engineering participates with several other schools in offering MS and PhD degrees in Bioengineering and Paper Science and Engineering.

Chemical and Biomolecular Engineering Website