Chemical and Biochemical Engineering, Ph.D.

The Department of Chemical and Biochemical Engineering provides a stimulating academic community where students engage in a highly personalized learning and research environment. The Doctor of Philosophy program provides students with opportunities to obtain specialized knowledge and expertise through advanced coursework in chemical engineering and related disciplines, to engage in interdisciplinary research opportunities, and to impact their communities through service learning. The department emphasizes research, since most opportunities for graduates are in research and development.

Faculty within the department have focused research projects in biological and pharmaceutical systems, clean energy and catalysis, air quality and climate, polymeric and advanced materials, quantum chemical simulation, and remote sensing; see Graduate Program on the Department of Chemical and Biochemical Engineering website.