

CHEMICAL AND BIOMOLECULAR ENGINEERING

RUSS COLLEGE OF ENGINEERING AND TECHNOLOGY

CHEMICAL ENGINEERING (MS, PHD)

ABOUT THE PROGRAM

The Department of Chemical and Biomolecular Engineering offers the M.S and Ph.D. in chemical engineering. There are ten faculty and approximately 60 graduate students engaged in a wide variety of research areas sponsored both by government at the federal and state level and by industry.

For program admission requirements, visit:
www.ohio.edu/graduate/programinfo2/ChemEng-Req.pdf

The Department also offers the M.S. in biomedical engineering. For information on this program, please visit
www.ohio.edu/engineering/biomedical/index.cfm

PROGRAM GOALS

The department seeks to produce masters and doctoral level graduates ready to take their place in both the public and private sector to further the goals and aspirations of modern society.

RESEARCH/CREATIVE ACTIVITY AREAS

The department has active research in several areas, including corrosion and multiphase technology, biochemical engineering, advanced energy storage and conversion, electrochemical engineering, atmospheric chemistry, polymer processing, clean coal technology, and biomedical engineering. There are active student chapters of the American Institute of Chemical Engineers (AIChE), the National Association of Corrosion Engineers (NACE), and The Electrochemical Society (ECS).

SCHOLARSHIP: PRIZES, RESEARCH EXPENDITURES

Research expenditures by the department total about \$5 million per year. Several members of the faculty have attained the status of fellow in professional organizations. Others are editors or associate editors of major journals in their research field.

FACILITIES

The department has state-of-the-art equipment in all of its research areas and is home to several research institutes and centers. The Center for Electrochemical Engineering Research houses over \$3 million in analytical infrastructure for batteries, fuel cells, and materials. The Institute for Corrosion and Multiphase Technology is unique in the world in the size, scope, and sophistication of its research facilities.

GRADUATE PLACEMENTS/ACHIEVEMENTS

Graduates of the program go on to positions in industry, government, and academia.



ADDITIONAL INFORMATION

To learn more about the graduate programs offered by the Department of Chemical and Biomolecular Engineering, Contact the Graduate Chair:

Chemical and Biomolecular Engineering
 Ohio University
 Stocker Center 171
 Athens, OH 45701-2979

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Ohio University is an affirmative action institution. Insert prepared by the Graduate College, graduate@ohio.edu, October 2011.

VISIT US ONLINE

For more information, visit: www.ohio.edu/chemical

Research at the level of about \$5 million per year is occurring in such diverse areas as biochemical engineering, polymer processing, advanced energy storage, corrosion, atmospheric chemistry, and clean coal technology.