Learning Outcomes

1. Graduates of the MS program will acquire and demonstrate advanced expertise in the core subject areas of chemical engineering, which are chemical process analysis, thermodynamics, fluid flow analysis and mass transfer.

2. Graduates of the MS program will acquire advanced working knowledge of various areas of chemical science and technology in allied fields, including other engineering disciplines, business, the sciences, and/or mathematics.

3. Graduates of the MS program will acquire the ability to identify pertinent research problems, to formulate and execute a research plan, to generate and analyze original research results, and to communicate those results through oral presentations and written publications submitted to refereed archival journals.