

Chem 478: Industrial Chemistry

Course description: A comparative discussion of a number of chemical industries and the details of their processes.

Course Goals

Develop an understanding of contemporary and relevant industrial chemical processes

Develop an understanding of chemistry for natural and unnatural processes/materials

Develop an understanding of the impact and relevance of chemistry in society

Develop an understanding of the conceptual differences between a wide variety of reaction types and processes

Program Goals

Develop the ability to apply error analysis and determine significant figures.

Develop the ability to apply mathematics to chemistry.

Develop competence in problem solving.

Develop an understanding of the impact and relevance of chemistry in society.