

CHEM 405: Professional Development and Societal Engagement for Chemists

Course description: Project based course that develops the professional aspects of chemistry with a focus on the application of chemistry to societal settings. The course project involves interactions with societal stakeholders.

Course Goals
Develop an understanding of the ethical aspects for the development of a career in chemistry
Develop an understanding of the principles of project management
Develop the ability to interact outside the academic chemistry setting, such as with industry, education, media or any setting where chemistry is relevant
Develop the ability to design and execute a project to benefit external stakeholders while interacting with these stakeholders.
Program Goals
Develop competence in problem solving
Develop the ability to disseminate relevant information orally and in writing
Develop the ability to work effectively in a team
Develop an understanding of the impact and relevance of chemistry in society
Develop an understanding of the chemistry profession in the workforce
Develop the ability to apply academic and scientific integrity to scholarly and professional endeavors