Learning Goals for Purification and Characterization II (CHEM 202)

Development of technical skills, such as benchtop techniques, instrumental proficiency, and data workup

Development of independent problem-solving and investigative skills (specifically about how the purification process is working, how to trouble-shoot, how structure affects purification techniques)

Development of the ability to communicate clearly and concisely the questions, methods, results and conclusions regarding an empirical problem (specifically be able to write an introduction and experimental sections)

Goal for the CHEM 201 and CHEM 202 sequence:
Be able to pick out the right type of purification technique for a mixture based on physical properties of the compounds

Prepare the students for beginning research projects