

PHI 597 : Pharmaceutical industry

This course is designed to expose students to the pharmaceutical industry, its environment, inner workings, and approach to engaging customers and stakeholders. It is intended to broaden the pharmacy students' understanding of this industry, introduce critical concepts and terminology, build confidence and prepare students who may seek a career in Pharmaceutical industry. Pharmacy students will learn the principles of pharmaceutical manufacturing and the requirements for good manufacturing practices (GMP) certification. The basic operations involved in the production of a dosage form; from research and development (R&D) until quality control (QC) procedures involved will be demonstrated. It involves different visits to local pharmaceutical companies to follow the manufacturing processes in general and tableting process, in particular, starting with excipients' selection, tableting steps and coating techniques, and ending with the required QC procedures to evaluate the outcome.

Credits 3