INTERPROFESSIONAL EDUCATION (IPE)

IPE 510. Global Education. (3 Credits)
This elective course provides the student with an opportunity for cultural experiences through evaluation, screening and treatment of individuals in a country with limited healthcare resources. This course will encourage compassion for those in need and will provide the student with opportunities to complete evaluations/screenings, create and implement treatment strategies, and/or provide education to the citizens of the area being served.

IPE 525. Spirituality in Healthcare. (2 Credits)
This course will have several modules that will focus on the intersection of healthcare and spirituality. Initially we will explore the history of healthcare and religion. We will then discuss medical literature in a scientific review of religion, spirituality and health. In addition, we will examine other faith/spiritual cultures and how each one interacts with the principles of modern western medicine. As pharmacists we are called to a very special vocation. We will explore the meaning of vocation. We will also discuss the intersection of the Christian faith and healthcare through of variety of means including case studies, spiritual histories and patient encounters.

IPE 527. Applied Improvisation for Health Profession Students. (1 Credit)
This course is designed to use improvisational theater training exercises which have been adapted to health care to improve and strengthen communication and teamwork skills. Armed with strong teamwork and patient-centered communication skills, students who complete this course will be poised to improve clinical outcomes, chronic disease management, and patient satisfaction while avoiding serious medical errors associated with communication breakdown. Successful completion of Pharmacy P2 or consent of course coordinator for other Health Profession programs is required prior to registratoin. No previous theater or improvisation experience is necessary.

IPE 550. Special Topics. (1 Credit)
This course provides brief lectures on uses of High-Pressure Liquid Chromatography. Separation and analytical technology (principles and theory of separation science). Sample preparation, solvent extraction, high performance liquid chromatography HPLC. The majority of the class will not be taught in the classroom, but we will meet in Lab 228 and we will do hands-on experience using the HPLC. Students will be asked to perform a project utilizing the HPLC equipment.

IPE 690. Understanding IPE through Critical Reflection and the Experiences of Working Professionals. (1 Credit)
This course will help students develop in mind, body, and spirit to collaborate effectively within an interprofessional environment. This course will provide students with opportunities for growth in well-established interprofessional competencies through engagement with readings, multimedia presentations, and IPEC Domains. Students will be required to complete both short Reaction Papers as well as a longer paper that results from the interviewing of a working professional outside their individual field of study. Finally, students will produce a short video of themselves during an interview scenario discussing their understanding of interprofessionalism. At the conclusion of this course, students will have a nuanced and critically-informed view of IPE as well as the ability to articulate what interprofessionallism means for another profession and for their future careers.

IPE 810. Introduction to Informatics. (3 Credits)
This course provides an overview of informatics with emphasis on the factors that helped create and sustain this field, the key players involved, and the impact information technology is having on various areas including the healthcare profession, business and education in a rapidly changing marketplace.

IPE 820. Inform Systems and Technology. (3 Credits)
This course provides an overview of information technology for those in the field of Informatics. The course emphasizes the factors that helped create and sustain this field, the key players involved, and the impact information technology is having on various areas including the healthcare profession, business, and education in a rapidly changing marketplace. The course covers key components of an information ecosystem, managing the use of technology, tools for personal and managerial problem solving, ethical issues, and security and digital responsibility. Students extend their learning to apply insights to authentic scenarios in their industry.