The pharmacy field is evolving rapidly. A deeper understanding of the chemical, physical, and biological bases of life—together with advances in information technology—have launched a new era of personalized medicine. Breakthroughs in biopharmaceuticals and gene and stem cell therapies—along with the convergence of therapeutics, diagnostics, and devices—are altering medical care. Meanwhile, new emphasis is being placed on achieving better overall patient outcomes while simultaneously improving the cost effectiveness of our entire healthcare delivery system.

These advances and challenges mean the pharmacist’s role is more vital than ever. Pharmacists are instrumental in every stage of patient care—from coordinating clinical trials that lead to innovations in treatment to managing chronic disease through direct care. As the pharmacist’s role continues to grow in importance and impact, an increasing array of rewarding career options is available to professionals with PharmD degrees.
**PharmD Curriculum**

The PharmD curriculum ensures a clear and defined focus on the diverse set of skills needed for the evolving range of opportunities in Pharmacy. Students take courses that provide them with foundational content, exposure to emerging topics, as well as elective courses and rotations within the Certificate program. Generally, the overall curriculum is arranged into four categories: basic sciences, clinical skills, professional development, and experiential education.

**Certificates**

Along with a Doctor of Pharmacy Degree, KGI graduates will receive a certificate in one of four areas.

**Medication Therapy Outcomes (MTO)**

Pharmacists can provide the most value by focusing on the healthcare needs for specific segments of the population. Various pharmacy practice settings require knowledge and skills to provide optimal care for patients in current and future advanced practice. General knowledge in the use of pharmacogenomics, methods of reimbursement, and issues regarding patient transition through different levels of care is critical. The MTO certificate program provides opportunities to develop skills to provide care for patients in rural settings, from underserved populations, in accountable care organizations, and throughout the continuum of care process.

**Healthcare Management (HCM)**

In an evolving healthcare landscape, it is vital for pharmacists to have management and leadership skills to help shape the future of healthcare. The HCM certificate program offers management training and experience in dynamic healthcare settings. The curriculum emphasizes analytical and problem-solving skills in conjunction with a deep understanding of the healthcare environment.
Health Information Technology (HIT)

The pharmacist is essential in designing, implementing, and optimizing technology that supports the medication use process. Technology is used to enhance clinical decision support, improve operational efficiency through automation and robotics, ensure medication safety, and achieve desired patient outcomes. The HIT certificate program will provide student pharmacists with the skills to be healthcare technology leaders and to understand the value of technology to improve patient wellness and healthcare quality while reducing cost and enhancing the patient’s experience. Additionally, the program will emphasize the ethical use of technology and data in conformance with regulatory requirements.

Medical and Clinical Affairs (MCA)

Medical and clinical affairs professionals play critical roles throughout the lifecycle of pharmaceuticals, medical devices, biologics, and gene therapy. These professionals provide expertise in research and development, product approval and commercialization, clinical trials, manufacturing, labeling and advertising, and post-market surveillance. Pharmacists trained in these areas can combine their expertise in medications and pharmacy practice with clinical trial management, and regulatory affairs knowledge and skills to enhance the development and commercialization of healthcare products. The MCA certificate program will provide student pharmacists with the skills to provide strategic, tactical, and operational direction within medical affairs to expedite the development and delivery of safe and effective healthcare products.

Testimonials

“Pharmacy is an exciting field due to the fact that there are many different avenues one can take, whether it be clinical, community, pharma, or research, just to name a few.”

Sagar Bhakta, KGI PharmD ’18

“Our programs are designed to prepare graduates who will be at the forefront of innovations in patient care, technology, and industry. Graduates are positioned to enter a number of impactful careers and have the skills and confidence needed to become leaders in their respective fields.”

Martin Zdanowicz, Dean, School of Pharmacy and Health Sciences

A Combined KGI SPHS/Industry Experiential Education

Provides students a breadth of experience throughout their education

- IPPE = Introductory Pharmacy Practice Experience
- APPE = Advanced Pharmacy Practice Experience
- P1 = First Year | P2 = Second Year | P3 = Third Year | P4 = Fourth Year
- Residency Fellowship or Masters would be optional post-PharmD experiences

SPHS Program Required Industry Experiences

Company Sponsored Experiences
How to Apply

Dates and Deadlines
Start Term: Fall
Early Decision Deadline: September 3, 2019
Final Deadline: June 1, 2020

Application Requirements
• All prerequisite courses completed at a regionally accredited institution in the U.S. prior to entrance in the PharmD program at KGI.
• Grade of “C” or better in each prerequisite course.
• Science courses must be no more than 10 years old.
• Transfer courses from other PharmD programs are not accepted.
• The online application must include contact information for three references. Letters of recommendation from family members are not accepted. These references must include:
  • One professor or instructor that the applicant has taken an academic course with.
  • The remaining two references are up to the applicant, but one reference relating to pharmacy work is preferred.
• Applicants should submit the following directly to PharmCAS:
  • Sealed official transcripts from all Colleges attended. If the transcript is from a school outside the U.S., official course-by-course evaluations should be submitted.
• Applicants must be a U.S. Citizen or Permanent Resident.
• Admissions offers are contingent upon satisfactory completion of a criminal background check and drug screening.

Prerequisites
• Anatomy and Physiology (S:8 | Q:12 | Labs/Both)
• Biochemistry (S:3 | Q:4)
• Calculus (S:3 | Q:4)
• English (S:3 | Q:4)
• English Composition (S:3 | Q:4)
• General Biology (S:8 | Q:12 | Labs/Both)
• General Chemistry (S:8 | Q:12 | Lab)
• Economics (S:3 | Q:4)
• Microbiology (S:3 | Q:4)
• Organic Chemistry (S:8 | Q:12 | Lab)
• Physics (S:3 | Q:4)
• Psychology or Sociology (S:3 | Q:4)
• Public Speaking/Speech/Interpersonal Communications (S:3 | Q:4)
• Statistics (S:3 | Q:4)

Contact Us
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