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 who graduate with a PharmD degree from KGI.
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 receive a certificate in one of four areas.

Medication Therapy Outcomes (MTO)

The MTO certificate program provides opportunities to develop clinical skills to provide care for patients throughout the continuum of care process.

Healthcare Management (HCM)

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.

Pharmacy Informatics (PI)

The PI certificate program provides 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 emphasizes the ethical use of technology and data in conformance with regulatory requirements.

Medical and Clinical Affairs (MCA)

The MCA certificate program provides 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.
Connections to Industry

For KGI PharmD graduates, career opportunities extend beyond retail pharmacy. While the majority of graduates enter the pharmacy profession, another substantial group of KGI alumni enter jobs within the pharmaceutical industry.

KGI's PharmD program introduces students to industry with a wide range of networking and coursework opportunities, including:

- **Introduction to Industry course** required for all first-year students
- **Certificate in Medical and Clinical Affairs** option
- Industry speakers visiting campus in-person or virtually each year
- **Student organizations**, including the Industry Pharmacists Organization
- **KGI Fellowship Program**

Residencies and Fellowships

KGI PharmD students also receive fellowships and residencies following graduation. Residencies allow students to apply the knowledge and skills they've learned in school to real patients, situations, and settings, while fellowships prepare graduates for a career in the pharmaceutical industry by providing intensive, hands-on training in drug discovery, development, and commercialization. Being exposed to various career paths available to pharmacists today can help better shape the expertise graduates want to go into.

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.”

Sagar Bhakta, KGI PharmD ’18

“Our Doctor of Pharmacy at KGI program is 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 to have the skills and confidence needed to become leaders in their fields.”

Martin Zdanowicz, KGI Professor

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**KGI PharmD Experiential Education**

Provides students a breadth of experience throughout their education

**SPHS Program Required Industry Experiences**

| P2 IPPE | 3 Week Certificate Elective Experience | P3 IPPE | 12 Week P4 APPE |

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 other graduate degrees are optional post-PharmD experiences*
How to Apply

Dates and Deadlines
Start Term: Fall
Application Deadline: June 1

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:
  • Official transcripts from all institutions 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 | Labs/Both)
• Economics (S:3 | Q:4)
• Microbiology (S:3 | Q:4)
• Organic Chemistry (S:8 | Q:12 | Labs/Both)
• 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)

S = Semester Credit Hours | Q = Quarter Credit Hours

Contact Us

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