PHARMACEUTICAL & HEALTHCARE MANAGEMENT AND INNOVATION

Program Overview

The Pharmaceutical & Healthcare Management and Innovation program is an advanced graduate diploma intended for PhD, PharmD or MD graduates. The curriculum is designed to encourage students to gain foundational understanding of the process and regulatory standards that inform drug development and commercialization in the pharmaceutical healthcare industry. Upon completion of the credential, graduates will be equipped with working knowledge of important concepts as well as hands-on experience to be successful in this specific workforce.

This credential is not laddered into another degree.

This graduate diploma falls under the auspices of the Department of Biomedical and Molecular Sciences.

Admission Requirements

Applicants to this program should have an MD, PharmD, or PhD in biomedical or public health sciences from a recognized university, with a minimum of an A- standing in the previous degree.

Applicants will also be required to submit a Personal Statement that outlines how the learning objectives of the program align with their career aspirations; and

A Curriculum Vitae that includes information on relevant extracurricular or work experience; and two academic references from individuals familiar with the candidate's academic performance which will be considered by the admissions committee.

English is the language of instruction at Queen's University. Applicants whose native languages do not include English will be required to obtain satisfactory standing in an accepted English Language Proficiency Test as part of the application process, and before final admission is granted as per School of Graduate Studies regulations.

Programs

- Pharmaceutical and Healthcare Management and Innovation - Graduate Diploma (https://queensu-ca-public.courseleaf.com/graduate-studies/programs-study/pharmaceutical-healthcare-management-innovation/pharmaceutical-healthcare-management-innovation-graduate-diploma/)

Courses

PHMI 871 Healthcare Innovation and Development
This course is designed to provide students with broad foundational knowledge of the scope, ecosystem, and processes involved with healthcare discovery and innovation. The course will take students through historical and current processes of bringing a new medicine or medical device from discovery and development to regulatory approval, and highlight the careers within industry and institutions related to these processes. This six-week intensive course consists of online modules, as well as presentations from invited industry/external speakers. At the end of the course, students will have a broad understanding of the ecosystem of healthcare innovation. (3.0 credit units)

PHMI 872 Healthcare Management and Commercialization
This course builds on the concepts discussed in PHMI 871, and introduces students to the processes that must take place after a new healthcare innovation has completed development and passed regulatory approval. The course will explore the processes of healthcare commercialization and management, and highlight the careers within industry and institutions related to these processes. This six-week course consists of online modules, as well as presentations from individuals currently working in the field. At the end of the course, students will have acquired an overview of the processes involved with healthcare commercialization and management. (3.0 credit units)

PHMI 873 Internship in Healthcare Management and Innovation
During this full-time, six-month paid internship, students will receive valuable hands-on experience working with a private/public sector partner. Normally, an intern will be assigned to a specific department and project(s) with the external partner, but other options, such as rotations across several medical functions are also possible. The internship will include an academic component such as a research project, or critical report(s), and online modules. The nature of the research project or critical report(s) will be selected in concert with the external partner. (6.0 credit units).