

PHARMACEUTICAL & HEALTHCARE MANAGEMENT AND INNOVATION (PHMI)

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).