Program Overview

The current landscape of medical research is marked by an ever-narrowing gap between the basic science behind treatment, and the innovations that bring that basic science into practical use. To promote the accelerating movement of scientific knowledge into the clinic, we offer our two year MSc in Health Innovations and Therapeutics (MSc-HIT). Starting with the core program and philosophy of the MSc in Translational Research (MSc-TR), the MSc-HIT offers an experience that is more focused on drug and device development. Students take most of the same courses as the MSc-TR, receive the same level of mentoring, and are expected to conduct independent research—ideally in the form of drug or device testing or development. In contrast to the MSc-TR however, MSc-HIT students additionally take a three-course sequence relevant to the discipline. These include two courses on drug development (at the pre-clinical and clinical level, respectively), and a “business-school style” case study course on the process of bringing innovation to the marketplace. Additional courses will be added in the future. Milestone expectations are similar to those of the MSc-TR.