The Master of Physiology for Therapeutic Development (MaPTD) is a one year classroom based program in Chicago aimed at providing a stronger workforce for the biopharma and healthcare industries. This new program was developed in partnership with pharma leadership to meet the ever-advancing skill set requirements for industry. At its core, students will be educated in human physiology and disease targets and drug treatment strategies. Building on this foundation, additional courses emphasize areas of therapeutic development where knowledge of human physiology is applied through the process of preparing therapeutics for market.

Curriculum
- Human physiology & disease (cancer, heart & vascular disease, Alzheimer’s, diabetes, inflammation, etc)
- Clinical applications of physiology
- Introduction to Biopharma
- Therapeutic development and clinical trials
- Regulatory and medical affairs
- Bioinformatics and biostatistics
- Want to get your foot in the door with employers?
  Summer internships / capstone projects in Pharma / Biotech / Healthcare organizations

Chicago and Illinois BioPharma Job Market
- Currently, there are some 200 pharmaceutical companies in the Chicago area.
- The “I-294” corridor is home to the nation’s second largest cluster of pharmaceutical and medical device companies.
- High demand job specialties...
  
  Clinical Trial Administrators
  Clinical Research Associates
  Regulatory Affairs Specialists
  Medical Writers – Editors
  Medical Science Liaisons
  Project Managers
  More…

UIC is the largest University in one of the world’s most vibrant of cities!

UIC has nearly 34,000 students enrolled in its 16 colleges. In 2022-2023, UIC ranked 42nd among public national universities and is the only Illinois university ranked among the 10 best value. As one of the most ethnically and culturally diverse universities in the country, UIC’s welcoming environment gives you the chance to study, work and grow with classmates who will broaden your perspectives and worldview.