

Drug Development Courses

All Drug Development courses are offered every semester. However, courses must be taken in a fixed sequence that follows the progression of the drug development process. Students begin with drug regulation and discovery in their first semester, then work through the process of manufacturing and clinical trials, to conclude with economics and a final project.

Semester 1

- **PHDD 8010:** Global Regulatory and Development Strategies of Drugs and Medical Devices
- **PHDD 8020:** Discovery of Drugs and Therapeutic Biologicals

Semester 2

- **PHDD 8030:** Pre-Clinical/Non-Clinical Studies for IND Approval
- **PHDD 8040:** Development and Manufacturing of Drug Products and Medical Devices

Semester 3

- **PHDD 8050: Phase I/II Clinical Trials Research and Design**
- **PHDD 8060:** Statistical Principles in Clinical Research

Semester 4

- **PHDD 8070:** Phase III/IV Clinical Trials and Research
- **PHDD 8091:** Drug Development Project I

Semester 5

- **PHDD 8080:** Pharmaceutical Economics and Management
- **PHDD 8092:** Drug Development Project II
- **PHDD 8001:** Seminar in Drug Development

Certificates

- **Global Regulatory Affairs Certificate** (12 credits): PHDD 8010, 8020, 8030, 8040
- **Clinical Trials Design and Research Certificate** (12 credits): PHDD 8050, 8060, 8070, 8080