

## Ph.D. in Clinical Translational Sciences

### Sample Curriculum for Postgraduate Students:

#### Required Courses\*

- Principles of Medicine (CTS 610) – 1 unit/semester, taken 2 semesters
- Professional Development Series (minimum 4 units)
  - Responsible Conduct of Research (CTS 595C) – 1 unit
  - Individualized Scientific Writing (CTS 585) – 2 units
  - Scientific Writing, Presentation and Bioethics (PS 595b) – 2 units
  - Scientific Grantsmanship (IMB 521) – 2 units
  - Or similar courses in other departments.
- Biostatistics in Public Health (BIOS 576A) – 3 units
- Medical Sciences Seminar (CTS 696A) or Biomedical Sciences Seminar (CTS 696B) or Departmental Seminar Program, 1 unit/semester, minimum 2 semesters. Credit for attending relevant departmental seminars can be obtained in any specialty participating in the CTS Program with prior approval from the CTS Director of Graduate Affairs. A minimum of 2 units of credit derived from seminar programs is required. The dissertation defense can be presented in one of these seminar series with permission of the seminar coordinators.
- Biomedical Sciences Journal Colloquium (CTS 595) and/or Clinical Case Conferences, 1 unit/semester, taken 6 semesters
- Dissertation Research (CTS 920) – 18 units

\*May substitute other courses with CTS approval with the exception of CTS 920.

#### Elective Options

- Economic Foundations for Health Sciences (PHPM 506) – 3 units
- Current Topics in Biomedical Sciences (CMM 603) – 2 units
- Current Topics in Translational Medicine (CMM 604) – 2 units
- Experimental Design (CBIO 597A) – 1 unit
- Basic Principles of Epidemiology (EPID 573A) – 3 units
- Biostatistics for Research (BIOS 576B) 3 units
- Special Topics in Biostatistics (BIOS 685) – 3 units
- Or any other graduate courses recommended by the faculty mentor.