**CLINICAL&TRANSLATIONAL SCIENCE (CTS)**

**Courses**

CTS 6010. Design Clin&Translational Res. 3 Credits.
Seminar emphasizing the skills for designing and executing clinical and translational research.

CTS 6020. Quality in Healthcare. 3 Credits.
Introduces students to the principles and practices of health care quality and quality improvement. Principles in the design and management of continual improvement activities will be presented and applied. Cross-listed with: GRNS 6280.

CTS 6070. Cell to Society. 3 Credits.
A seminar that addresses a medical issue from molecule to market. By the end of the seminar, students will understand and appreciate the full range of translational science. A theme is selected and announced each year.

CTS 6100. Conduct Clin&Translational Res. 3 Credits.
Seminar emphasizing the ethics and mechanics of clinical and translational research.

CTS 6150. Report Clin&Translational Res. 3 Credits.
Seminar emphasizing communication skills for writing, editing and presenting science.

CTS 6200. Analyze Clin&Translational Res. 3 Credits.
Seminar emphasizing basic and analytical skills for clinical and translational research. Prerequisite: CTS 6200 or Instructor permission.

CTS 6250. Multi Analysis Clin&Trans Res. 3 Credits.
Introduction to multivariate regression; models that account for effects of multiple predictors on a single outcome, including linear and logistic regression and survival analysis. Prerequisite: CTS 6200 or Instructor permission.

CTS 6391. Master's Thesis Research. 1-18 Credits.
Research for the Master's Thesis.

CTS 6990. Special Topics. 1-18 Credits.
Special topics in Clinical & Translational Research.

CTS 6991. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

CTS 7990. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

CTS 7991. Doctoral Dissertation Research. 1-18 Credits.
Research for the Doctoral Dissertation.

CTS 7995. Graduate Independent Research. 1-18 Credits.
Graduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.