Explanation of Course Numbers

- Courses in the 1000s are primarily introductory undergraduate courses.
- Those in the 2000s to 4000s are upper-division undergraduate courses that can also be taken for graduate credit with permission and additional work.
- Those in the 6000s and 8000s are for master's, doctoral, and professional-level students.
- The 6000s are open to advanced undergraduate students with approval of the instructor and the dean or advising office.

CTS 6201. Critical Analysis in Clinical Research. 3 Credits.
Analyses of the essential components of clinical research including good clinical practice, human subject protection, study design, and trials administration.

CTS 6202. Research Methods for Clinical and Translational Research. 2 Credits.
The design and conduct of clinical research with an emphasis on the types of studies most relevant to health care professionals.

CTS 6203. Legal and Ethical Issues in Clinical and Translational Research. 1 Credit.
Legal and ethical issues that arise in the design and conduct of clinical and translational research.

CTS 6205. Clinical Investigations. 3 Credits.
Analysis and evaluation of study design strategies and current practices for major therapeutic areas of clinical research, including vaccine development, cardiovascular disease, anti-infectives, CNS, and others.

CTS 6261. Foundations in Clinical and Translational Research. 3 Credits.
Overview and analysis of translational research principles and practice; analysis and integration of basic community health and health services research concepts as applied to key diseases.

CTS 6264. Clinical and Translational Research Capstone Project. 3 Credits.
Application of the knowledge gained during the course of the program through the completion of a mentored independent research project.

CTS 6265. Grantsmanship in Translational Health Science. 3 Credits.
Writing grant proposals to fund clinical research, with an emphasis on translational research proposals; persuasive communication, conceptually-based hypotheses, and research methods and the grant application process.