CLINICAL AND TRANSLATIONAL INVESTIGATION (CTI)

CTI 601. Introduction To Clinical And Translational Research. 2 Credit Hours.
This introductory core course will be taught by the PI and Co-PI, as well as various guest lecturers. It will include special topics in translational science including: ethics in translational science, communication of science, introduction to bioinformatics, research with underserved/under-represented populations, regulatory considerations, grant writing, and other pertinent subjects. Students will be required to attend each weekly seminar and read the corresponding journal excerpts. Students are required to attend the weekly discussion sessions led by the PI and Co-PI in order to solidify concepts and translational themes.

Components: LEC.
Grading: GRD.
Typically Offered: Fall & Spring.

CTI 602. Writing for Translational and Clinical Science. 2 Credit Hours.
This introductory core course will be taught by the Masters of Science in Clinical and Translational Investigation (MSCTI) Program Directors, as well as various guest lecturers. The focus of the course will be on developing grant and manuscript writing skills in the area of clinical and translational science across the translational science spectrum.

Components: LEC.
Grading: GRD.
Typically Offered: Spring.

CTI 603. Research Ethics. 3 Credit Hours.

Components: LEC.
Grading: GRD.
Typically Offered: Fall.

CTI 604. CTI 604-01: Advance Independent Study. 1-3 Credit Hours.

Components: IND.
Grading: GRD.
Typically Offered: Fall, Spring, & Summer.

CTI 605. Introduction to Team Science and Entrepreneurship. 2 Credit Hours.
This introductory core course will introduce students to fundamental topics in translational science related to team science and entrepreneurship. Through a series of lectures, participatory exercises, and guided discussions, students will learn practical strategies for engaging in team science and for developing a translational research project into an entrepreneurial endeavor.

Components: DIS.
Grading: GRD.
Typically Offered: Fall.

CTI 805. Capstone Project / Master's Thesis. 1-6 Credit Hours.
The Capstone Project is an opportunity for MSCTI students to apply the principles and practices of clinical and translational research, and is a vital component in the training of impactful clinical and translational investigators. Students will engage in research, produce publishable content, and advance their research careers.

Components: THI.
Grading: SUS.
Typically Offered: Fall, Spring, & Summer.

CTI 820. Research in Residence. 1 Credit Hour.

Components: THI.
Grading: SUS.
Typically Offered: Fall & Spring.