CLINICAL AND TRANSLATIONAL SCIENCE M.S.

All students must meet the Requirements for the Master’s Degree

OVERVIEW

Concentration in Investigation
This program is designed to effectively and efficiently transform clinicians and other young academics drawn from the large array of disciplines contributing to health into successful independent clinical and translational science investigators.

Concentration in Research Management
This program is designed for individuals who have an interest in becoming research coordinators, patient advocates, research administrators, study nurses and other science professionals.

SPECIFIC REQUIREMENTS

Requirements for Admissions to Graduate Studies for the Degree of Master of Science

CONCENTRATION IN INVESTIGATION

- Applicants should have a Doctoral Degree, expertise in their specialty and some general research experience.
- Four semesters of college-level science highly recommended.
- Two semesters of college-level mathematics or statistics highly recommended.
- Two semesters of college level English composition or equivalent.
- Interviews with appointed faculty are required.

CONCENTRATION IN RESEARCH MANAGEMENT

- U.S. Baccalaureate degree or an equivalent international degree.
- Four semesters of college-level science highly recommended.
- Two semesters of college-level mathematics or statistics highly recommended.
- Two semesters of college level English composition or equivalent.
- Interviews with appointed faculty are required.

Applicants holding a degree from an unaccredited institution and International applicants should consult additional Graduate College Admission requirements

Minimum Degree Requirements

CONCENTRATION IN INVESTIGATION
The Master’s in CTS (Investigation) is a 31 credit degree that includes 19 credits of core course work, 6 credits of electives, and 6 credits of supervised research. Individuals must also participate in the weekly Seminar in CTS, successfully pass a comprehensive exam, and successfully complete and publicly defend a thesis.

<table>
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<th>Required Courses (Investigation Track):</th>
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<tr>
<td>CTS 301 Design Clin&amp;Translational Res 3</td>
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<tr>
<th>Required Courses (Research Management Track):</th>
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<tr>
<td>CTS 301 Design Clin&amp;Translational Res 3</td>
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<tr>
<td>CTS 305 Cell To Society I 2</td>
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<tr>
<td>CTS 310 Conduct Clin&amp;Translational Res 3</td>
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<tr>
<td>CTS 306 Cell To Society II 2</td>
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<td>CTS 325 Multi Analysis Clin&amp;Trans Res 3</td>
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<td>CTS 315 Report Clin&amp;Translational Res 3</td>
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CONCENTRATION IN RESEARCH MANAGEMENT

The Master’s in CTS (Research Management) is a 31 credit degree that includes 22 credits of core course work, 3 credits of electives, and 6 credits of a supervised research internship. Individuals must also participate in the Seminar in CTS and successfully pass a comprehensive exam.

Comprehensive Examination

The comprehensive exam is a required component for both concentrations of the M.S. program. The goal of the comprehensive exam is to determine whether the student’s depth and breadth of knowledge and ability to integrate information is within a scope expected as part of a master’s program in clinical and translational science (CTS).

The written exam has two parts. The first part is writing a 1-2 page NIH-style project summary of a grant protocol. The second part requires an analysis of an existing dataset using the concepts learned in the core courses.

The oral exam requires students to meet with Comprehensive Exam Committee to answer questions related to the written exam and concepts taught as part of the CTS core courses.

The comprehensive exam should be completed within 6 months of finishing the CTS core courses.
Requirements for the Advancement to Candidacy for the Degree of Master's of Science

Successful completion of any prerequisite courses, and at least 15 graded graduate credits with a 3.00 GPA or better, including all core courses.