

CLINICAL AND TRANSLATIONAL SCIENCE PH.D.

All students must meet the Requirements for the Doctor of Philosophy Degree

OVERVIEW

The Ph.D. in Clinical and Translational Science (CTS) is designed for individuals who wish to become independent investigators.

SPECIFIC REQUIREMENTS

Requirements for Admission to Graduate Studies for the Degree of Doctor of Philosophy

U.S. Baccalaureate degree or an equivalent international degree

4 semesters of college-level science highly recommended

2 semesters of college-level mathematics or statistics highly recommended

Interviews with appointed faculty are required

Students applying to the Ph.D. program must have a source of funding, a UVM Research Advisor¹, and an environment in which to conduct research as part of the application

Applicants must also follow the instructions and application requirements of the Graduate College.

¹ Co-mentoring with faculty from other programs is allowed and often desirable but must involve CTS Faculty in all aspects of student research. This requirement is also applicable to CTS students in the M.S. program wishing to transfer to the Ph.D.

Minimum Degree Requirements

The Ph.D. in CTS is a 75-credit degree, which includes 18 credit hours of core coursework (CTS 6010, 6070, 6100, 6150, 6200, 6250), at least 12 credit hours of elective courses, and a minimum of 20 credit hours of supervised research. Students must also participate in the CTS Seminar, complete a teaching requirement, pass a comprehensive exam, and successfully complete and publicly defend a dissertation.

Required Courses:		
CTS 6010	Design Clin&Translational Res	3
CTS 6070	Cell to Society	3
CTS 6100	Conduct Clin&Translational Res	3
CTS 6150	Report Clin&Translational Res	3
CTS 6200	Analyze Clin&Translational Res	3
CTS 6250	Multi Analysis Clin&Trans Res	3

Comprehensive Examination

The overall goal of the comprehensive exam is to determine whether the student’s depth and breadth of knowledge and ability to integrate information is such that they should be advanced to candidacy for the Ph.D. The written exam involves writing a grant proposal in the style of a National Institutes of Health Small Research Grant (R03) using the concepts learned in the CTS core courses. The oral exam requires students to meet with a Comprehensive Exam Committee to answer questions related to the written exam and concepts taught as part of the CTS core courses.

Requirements for Advancement to Candidacy for the Degree of Doctor of Philosophy

Students must have completed all required courses including 15 graded credits and maintain an overall minimum grade point average of 3.00. Successful completion of oral and written comprehensive exam required.