

# CLINICAL AND TRANSLATIONAL RESEARCH (MS)

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The Master of Science (M.S.) degree program in Clinical and Translational Research (MCTR) is administered by the Connecticut Convergence Institute for Translation in Regenerative Engineering at the University of Connecticut. The program, which stresses clinical research methods and a research practicum, is offered to individuals with a health-related terminal degree (for example, M.D., Ph.D., Pharm.D., D.D.S., or D.M.D.) to provide practical research training in preparation for independent research. Due to course sequencing, students are typically admitted for the Fall semester. All work must be completed within four years from the beginning of study, which is defined as the beginning date of the earliest course, wherever taken, listed on the approved Master's Plan of Study. The three core courses in clinical and translational research are generally taken consecutively; therefore, the minimum timeframe to complete the program is 18 months. Students must submit a Plan of Study no later than the beginning of their final semester before degree completion. The MCTR program is a Plan B (non-thesis) program. Students are required to complete a final examination, which entails the oral defense of a grant application and a manuscript. Final examination materials (grant application and manuscript) must be submitted to the MCTR Administrative Office at least three weeks prior to the student's final exam.

## Requirements

The M.S. program in Clinical and Translational Research requires a minimum of 30 credits. The credits include: nine credits of core course work, 12 research practicum credits and nine credits of elective course work approved by the MCTR Executive Committee. Students may take an independent study (CLTR 5099 Independent Study in Clinical and Translational Research) in place of an elective.

## Elective Courses

A total of nine elective credits are required. Students choose from a list of approved courses. Approved electives include:

Course	Title	Credits
CLTR 5360	Critical Issues Involving Science Publication: The Scientific Review	3
MEDS 5308		2
MEDS 5310	Responsible Conduct in Research	1
MEDS 6447		1
PUBH 5404	Environmental Health	3
PUBH 5405	Social and Behavioral Foundations of Public Health	3
PUBH 5436	Intermediate Epidemiology	3
PUBH 5475	Public Health and Policy in an Aging Society	3
PUBH 5501	Foundations of Public Health and Disability	3
PUBH 5504	Public Health Interventions in Disability	3

Students may request permission from the MCTR Executive Committee to enroll in an elective that is not on the list of approved courses.