

CLINICAL AND TRANSLATIONAL RESEARCH (CTR) - CERTIFICATE

• M. Hassan Murad, M.D., MPH, *Program Director*

The Certificate program in Clinical and Translational Research is available to Mayo Clinic professionals who are working in related disciplines. Doctoral candidates may be considered. Potential candidates for the degree must hold Mayo Clinic appointments of sufficient duration to complete the program requirements.

Course Work

The curriculum for the Certificate award consists of 12 credits. The student must complete all of the required courses listed below:

Code	Title	Hours
Core Courses		
MGS 6000	Responsible Conduct of Research	1
Track Requirements		
CTSC 5005	Foundations of Clinical and Translational Science	1
CTSC 5020	Regulatory Issues in Clinical Research	1
CTSC 5100	Academic Publishing	1
CTSC 5370	Introduction to Epidemiology	2
CTSC 5590	Foundations of Statistics in Clinical and Translational Research	1
CTSC 6120	Case Studies in Translation	2
Electives		
Students must take an additional three credits from elective courses		3
Total Hours		12

Suggested Sequence

Below is an example of a suggested sequence based on a Summer term start. Individual course plans will vary depending on the quarter you enter the program and/or if you are pursuing an optional concentration, etc. Progress on the course plan should be documented on your degree planning tool. Contact the track Education Coordinator for additional information.

Code	Title	Hours
First Year - Summer Term		
MGS 6000	Responsible Conduct of Research	1
CTSC 5370	Introduction to Epidemiology	2

Code	Title	Hours
First Year - Fall Term		
CTSC 5005	Foundations of Clinical and Translational Science	1
CTSC 5100	Academic Publishing	1
CTSC 5590	Foundations of Statistics in Clinical and Translational Research	1

Code	Title	Hours
First Year - Winter Term		
CTSC 5020	Regulatory Issues in Clinical Research	1
CTSC 6120	Case Studies in Translation	2
First Year - Spring Term		
Elective(s)		3