

# CLINICAL TRIALS (CLTR) - CERTIFICATE

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

The Certificate program in Clinical Trials 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
<b>Core Courses</b>		
MGS 6000	Responsible Conduct of Research	1
<b>Track Requirements</b>		
CTSC 5005	Foundations of Clinical and Translational Science	1
CTSC 5020	Regulatory Issues in Clinical Research	1
CTSC 5025	Introduction to Regulatory Science	1
CTSC 5300	Foundations of Epidemiology	1
CTSC 5590	Foundations of Statistics in Clinical and Translational Research	1
CTSC 5720	Clinical Trials Design and Conduct	1
CTSC 6170	The Science of Team Science - Strategies for Success	1
<b>Electives</b>		
Students must take an additional four credits from elective courses		4
<b>Total Hours</b>		<b>12</b>

## Course 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
<b>First Year - Summer Term</b>		
MGS 6000	Responsible Conduct of Research	1
CTSC 5020	Regulatory Issues in Clinical Research	1
CTSC 5025	Introduction to Regulatory Science	1
<b>First Year - Fall Term</b>		
CTSC 5005	Foundations of Clinical and Translational Science	1
CTSC 5590	Foundations of Statistics in Clinical and Translational Research	1
CTSC 6170	The Science of Team Science - Strategies for Success	1

Code	Title	Hours
<b>First Year - Winter Term</b>		
CTSC 5370	Introduction to Epidemiology	2
CTSC 5720	Clinical Trials Design and Conduct	1

Code	Title	Hours
<b>First Year - Spring Term</b>		
CTSC 5070	Introduction of Community Engagement - What Every Researcher Should Know	1
Elective(s)		2