

# APPLIED CLINICAL AND TRANSLATIONAL RESEARCH (ACTS) - CERTIFICATE

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The Certificate program in Applied 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
<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 5010	Clinical Research Proposal Development	2
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 xxxx: CTS Certificate Project		1
<b>Electives</b>		
Students must take an additional two credits from elective courses		2
<b>Total Hours</b>		<b>12</b>

## 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
<b>First Year - Summer Term</b>		
MGS 6000	Responsible Conduct of Research	1
CTSC 5005	Foundations of Clinical and Translational Science	1
CTSC 5020	Regulatory Issues in Clinical Research	1
<b>First Year - Fall Term</b>		
CTSC 5100	Academic Publishing	1
CTSC 5590	Foundations of Statistics in Clinical and Translational Research	1
Elective		1

Code	Title	Hours
<b>First Year - Winter Term</b>		
CTSC 5370	Introduction to Epidemiology	2
Elective		1
<b>First Year - Spring Term</b>		
CTSC 5010	Clinical Research Proposal Development	2
CTSC xxxx		1