

## Clinical Investigation Certificate Requirements

Requirements	Clinical Investigation Concentration			Translational Medicine Concentration			Genetics/Genomics Concentration			Dissemination and Implementation		
	Credits	Course Name	Course #	Credits	Course Name	Course #	Credits	Course Name	Course #	Credits	Course Name	Course #
<b>Concentration</b>	3	Designing Outcomes and Clinical Research (Fall)	M17-513	3	Designing Outcomes and Clinical Research (Fall) OR Randomized Controlled Trials (Fall)	M17-513 OR M19-550	3	Introduction to Biomedical Informatics I: Foundations (Fall)	M17-5302	3	Introduction to Dissemination and Implementation (Fall)	M17-540
	3	Advanced Methods for Clinical and Outcomes Research (Spring)	M17-589	3	Bench Fundamentals for Translational Medicine (Summer)*	M17-553	3	Genetics/Genomics Related Courses (see 2nd tab/page)	TBD	3	Dissemination and Implementation: Methods, Metrics, and Measurement (Spring)	M17-XXX
<b>Statistics</b>	3	Introduction to Statistics (Fall)	M17-522	3	Introduction to Statistics (Fall) *	M17-522	3	Introduction to Statistics (Fall)	M17-522	3	Introduction to Statistics (Fall)	M17-522
	3	Intermediate Statistics (Spring)	M17-524				3	Intermediate Statistics (Spring)	M17-524	3	Intermediate Statistics (Spring)	M17-524
<b>Ethics</b>	2	Ethical & Legal Issues (Fall)	M17-510	2	Ethical & Legal Issues (Fall)	M17-510	2	Ethical & Legal Issues (Fall)	M17-510	2	Ethical & Legal Issues (Fall)	M17-510
<b>Writing</b>	2	Scientific Writing (Spring) OR Grantsmanship (Fall)	M17-529 OR M17-528	2	Scientific Writing (Spring) OR Grantsmanship (Fall)	M17-529 OR M17-528	2	Scientific Writing (Spring) OR Grantsmanship (Fall)	M17-529 OR M17-528	2	Scientific Writing (Spring) OR Grantsmanship (Fall)	M17-529 OR M17-528
<b>Total Credits</b>	16			16			16			16		

\*Higher level or alternate course in the same topic area can be substituted when appropriate. CI Director approval required. Must be graduate level course.

# Statistics Computing w/ SAS (M21-530) or good practical experience with SAS as determined by course instructor is required as a prerequisite for this course.

\*\*Scholars pursuing the MTPCI, TL1, KL2, K12, etc. may also have other program requirements that must be completed in addition to the CI Certificate requirements. Check with your granting program to confirm course, seminar and thesis requirements.

**Scholars have 5 years to complete all requirements of the Certificate. This can be extended at the discretion of the MSCI Program Director.**

**Transferred credits or substitutions other than those noted above are not allowable for the Certificate.**

Revised 07/07/20