

BIOMEDICAL ETHICS (BET) - CERTIFICATE

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

The Certificate program in Biomedical Ethics 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
Course 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 5210	Ethical Issues in Regenerative Medicine	1
CTSC 5261	Theoretical and Historical Foundations of Biomedical Ethics	2
CTSC 5262	Health Policy and Biomedical Ethics	1
CTSC 5263	Ethical Issues in Population Health	1
CTSC 5300	Foundations of Epidemiology	1
CTSC 5340	Ethical Issues in Individualized Medicine	1
CTSC 5350	Ethical Issues in Artificial Intelligence and Information Technologies	1
CTSC 5590	Foundations of Statistics in Clinical and Translational Research	1
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 5020	Regulatory Issues in Clinical Research	1
CTSC 5210	Ethical Issues in Regenerative Medicine	1
First Year - Fall Term		
CTSC 5261	Theoretical and Historical Foundations of Biomedical Ethics	2
CTSC 5340	Ethical Issues in Individualized Medicine	1

Code	Title	Hours
First Year - Winter Term		
CTSC 5262	Health Policy and Biomedical Ethics	1
CTSC 5300	Foundations of Epidemiology	1
CTSC 5350	Ethical Issues in Artificial Intelligence and Information Technologies	1

Code	Title	Hours
First Year - Spring Term		
CTSC 5005	Foundations of Clinical and Translational Science	1
CTSC 5263	Ethical Issues in Population Health	1
CTSC 5590	Foundations of Statistics in Clinical and Translational Research	1