Course Offerings and Details

Course dates and times are subject to change. Priority registration is provided to students accepted into Center for Clinical and Translational Science (CCaTS) programs. Please contact ctsceducation@mayo.edu for additional information.

CTSC 5010: Clinical Research Proposal Development
Andrew Rule, MD
2 Credits
Prerequisites: CTSC 5300 or CTSC 5370/5310 & CTSC 5600

April 1–June 17, 2020
Format: Virtual
- Large group sessions: 4/6; 9:00-11:00am (CT), 4/8; 9:00-11:00am (CT), 4/22; 8:00-11:00am (CT), 4/23; 12:30-2:30pm (CT)
- Small group sessions (3 sessions/3 hours each): scheduled during the weeks of 5/11, 5/25 and 6/8
Specific times, dates, and format will be announced the first day of class.

CTSC 5081: Advanced Topics in Health Disparities
Joyce Balls-Berry, PhD
1 Credits
Prerequisites: None

May 11–May 15, 2020
Format: Virtual
Monday, Wednesday, Friday, 4:00-7:30pm (CT)

CTSC 5263: Ethical Issues in Population Health Science
Karen M. Meagher, PhD
1 credit
Prerequisites: None

April 10 – May 15, 2020
Format: Virtual
Friday, 10:00 – 12:00pm (CT)

CTSC 5601ACC: Utilizing Statistics in Clinical Research – Accelerated – Cancelled
David M. Zahrieh, PhD, Jeremiah A. Aakre, MPH, Travis J. Dockter
1 credit
Prerequisites: CTSC 5600

Updated 03/03/20 REW
Course Offerings and Details

Course dates and times are subject to change. Priority registration is provided to students accepted into Center for Clinical and Translational Science (CCaTS) programs. Please contact ctseducation@mayo.edu for additional information.

CTSC 5641: Propensity Scoring Methods for Observational Health Services Research – Cancelled
Lindsey R. Sangaralingham, MPH, Xiaoxi Yao, Ph.D. MPH

CTSC 5650: Survival Analysis – Cancelled
David M. Zahrieh, PhD, Nathan Foster, MD

CTSC 5770: Diagnostic Testing Strategies
Colin P. West, M.D., PhD
1 credit
Prerequisites: CTSC 5600 or equivalent

April 7 – June 23, 2020
Format: Virtual
Tuesday, Noon-1:30pm (CT)

CTSC 5810: Qualitative Research Design, Methods & Analysis – Cancelled
Ashok Kumbamu, PhD

CTSC 5815: Qualitative and Mixed Methods Research for Translational Science
Kasey Boehmer, PhD, Joan Griffin, PhD, Jennifer Ridgeway, PhD
2 credits
Prerequisites: None

April 6 – June 22, 2020
Format: Virtual
Monday, 2:30-4:30pm (CT); and Thursday 5/28, 8:00-10:00am (CT)
Spring 2020
Registration March 2, 2020 - March 20, 2020

Course dates and times are subject to change. Priority registration is provided to students accepted into Center for Clinical and Translational Science (CCaTS) programs. Please contact ctseducation@mayo.edu for additional information.

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**CTSC 5820: Introduction to Survey Research**  
Kathleen Yost, PhD  
1 credit  
Prerequisites: CTSC 5600

April 7 – June 2, 2020  
Format: Virtual  
Monday, 2:00-3:30pm (CT)

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**CTSC 5870: Social & Behavioral Foundations of Health in Health Sciences Research**  
David Elton, PhD  
1 credit  
Prerequisites: None

April 7 – May 21, 2020  
Format: Virtual  
Tuesday & Thursday, 10:30-11:30am (CT)

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**CTSC 6110: CTS Works in Progress**  
CTS Ph.D. students only  
Anthony J. Windebank, MD  
1 credit  
Prerequisites: None

March 2 – June 30, 2020  
Format: Virtual  
Wednesdays, Noon – 1:00pm (CT)

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**CTSC 6130: CTS Journal Club**  
CTS Ph.D. students only  
Anthony J. Windebank, MD  
1 credit  
Prerequisites: None

April 6 – June 26, 2020  
Format: Virtual  
Wednesdays, Noon – 1:00pm (CT)

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**CORE 6510: Molecular Mechanisms of Human Disease**  
Debabrata Mukhopadhyay, PhD, Anthony J. Windebank, MD  
3 credits  
Prerequisites: None

April 6 – June 26, 2020  
Format: Virtual  
Monday, Wednesday & Friday, 11:00 – Noon (CT)
The following courses are not being offered during Spring 2020:

CTSC 5035: Case Studies in Regulatory Science  
Anthony J. Windebank, M.D.  
1 credit  
Prerequisites: None*  

*CTSC 5020 & CTSC 5025 are complimentary to this course.

CTSC 5350: Ethical Issues in Artificial Intelligence and Information Technologies  
Richard Sharp, Ph.D.  
1 credit  
Prerequisites: None

Note: Course coming Spring 2021

CTSC 5410: Molecular Variant Evaluation  
Brittany Thomas, MS, LCGC  
1 credit  
Prerequisites: None

Note: Course coming soon

CTSC 5500: Genetic Epidemiology: Association Studies  
Joanna M. Biernacka, Ph.D.  
1 credit  
Prerequisites: CTSC 5300/5370, CTSC 5600, CTSC 5610

Note: Course is offered in odd years only.

CTSC 5761: Evidence-Based Medicine for Clinical Researchers  
Victor M. Montori, M.D., M. Hassan Murad, M.D. and Ian Hargraves, Ph.D.  
1 credit  
Prerequisites: CTSC 5300 or CTSC 5370/5310 & CTSC 5600

CTSC 5900: Introduction to Health Services Research  
Sarah K. Meier, Ph.D.  
1 credit  
Prerequisites: None

Note: Course coming Spring 2021