

CTSI Training Program in Translational Science
Master of Science in Clinical Research (MSCR) Coursework: 2017-2018

<http://ctsi.ucla.edu/education/pages/tpts#track3>

(Course days/times subject to change. Please confirm online [UCLA Schedule of Classes](#))

*Trainees qualified for the Reduced Fee Enrollment Plan may take a **maximum** of three courses per quarter.*

(Required courses marked with *)

FIRST YEAR

Fall Quarter (Sep 25-Dec 15):

- ***Biomath 170A:** Introductory Biomathematics for Medical Investigators
Jeff Gornbein DrPH (4 units), M/W 1:00-2:20 PM (discussion Wednesdays 2:30-3:20 PM)
- ***Biomath M260C:** Methodology in Clinical Research III: Observational Studies
Teresa Seeman PhD/Magda Shaheen PhD (4 units), M/W 8:30-9:50 AM

Winter Quarter (Jan 3-Mar 23):

- ***Biomath 265A:** Data Analysis Strategies I (concurrent with 266A)
Jeff Gornbein DrPH (4 units), M/W 12:00-1:20 PM
- ***Biomath 266A:** Applied Regression Analysis in Medical Sciences (consecutive to 170A)
David Elashoff PhD (4 units), M/W 10:30-11:50 AM

Additional Course Options:

- Elective (8 units total required for degree)
- Biomath 596 (2-4 units per quarter) (8 units total required for degree)

Spring Quarter (Mar 28-Jun 15):

- ***Biomath 266B:** Advanced Biostatistics (consecutive to 266A)
Chi-hong Tseng PhD/Li-Jung Liang PhD (4 units), M/W 9:00-10:20 AM

Additional Course Options:

- Elective (8 units total required for degree)
- Biomath 596 (2-4 units per quarter) (8 units total required for degree)

8 total units of electives required for degree. Here are some approved options:

(Other 200 series may include, but not limited to, epidemiology, health services, or basic science courses)

- Winter - Biomath M262: Communication of Science: Grant/Journal Writing
- Spring - Biomath 264: Applied Data Collection and Analysis (no videoconference)
- Spring - Biomath 285: Introduction to High-throughput Data Analysis
- Spring - Biomath M263: Clinical Pharmacology
- Spring - Biostat 410: Statistical Methods in Clinical Trials – (usually every other year)

8 total units of independent research with mentor (Biomath 596) required for degree.

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SECOND YEAR

Fall Quarter (Sep 25-Dec 15):

***Biomath M260A:** Methodology in Clinical Research I: Clinical Trials
Instructor TBD (4 units), M/W 10:00-11:20 AM

***Biomath M261:** Responsible Conduct of Research Involving Humans
Stan Korenman MD et al (2 units), Wednesdays 4:00-5:50 PM

Additional Course Options:

Elective (8 units total required for degree)

Biomath 596 (2-4 units per quarter) (8 units total required for degree)

Winter Quarter (Jan 3-Mar 23):

***Biomath 259:** Controversies in Clinical Trials

Robert Elashoff PhD (2 units), Fridays 11:00 AM-12:20 PM

Additional Course Options:

Elective (8 units total required for degree)

Biomath 596 (2-4 units per quarter) (8 units total required for degree)

Spring Quarter (Mar 28-Jun 15):

***Biomath M260B:** Methodologies in Clinical Research II

Robert Elashoff PhD (4 units), M/W 11:30 AM-12:50 PM

Additional Course Options:

Elective (8 units total required for degree)

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