CTSI Training Program in Translational Science

Master of Science in Clinical Research (MSCR) Coursework: 2017-2018

http://ctsi.ucla.edu/education/pages/pts#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 1:00-2:20 PM

* **Biomath 266A:** Applied Regression Analysis in Medical Sciences (consecutive to 170A)  
  David Elashoff PhD (4 units), M/W 11:30 AM-1:00 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 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 – (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 4:00-6:00 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)
  Biomath 596 (2-4 units per quarter) (8 units total required for degree)

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