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.

Program Requirements for Degree:
32 units of required courses*
8 units of electives
8 units of Biomath 596 (independent research with mentor)

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

**Biomath 170A Disc:** Discussion for 170A
Jeff Gornbein DrPH / (0 units), W 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
Jeff Gornbein DrPH / (4 units), M/W 12:00 PM - 1:20 PM

**Biomath 266A:** Applied Regression Analysis in Medical Sciences
David Elashoff PhD / (4 units), M/W 10:30 AM - 11:50 AM

Options to Add: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

Spring Quarter  (Mar 28 - Jun 15)

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

Options to Add: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

Sample Electives

8 total units of electives required for degree. Other 200-series options may include epidemiology, health services, or other basic science courses. List subject to change.

- **Spring - Biomath 264:** Applied Data Collection and Analysis
- **Spring - Biomath 285:** Introduction to High-throughput Data Analysis
- **Winter - Biomath M262:** Communication of Science (Grant/Journal Writing)
- **Spring - Biostat 410:** Statistical Methods in Clinical Trials (usually every other year)
Program Requirements for Degree:

32 units of required courses*
8 units of electives
8 units of Biomath 596 (independent research with mentor)

SECOND YEAR

Fall Quarter (Sep 25 - Dec 15)

Biomath M260A: Methodology in Clinical Research I: Clinical Trials
Chi-hong Tseng PhD / David Elashoff PhD (4 units), M/W 10:00-11:20 AM

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

Options to Add: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

Winter Quarter (Jan 3 - Mar 23)

Biomath 259: Controversies in Clinical Trials
Robert Elashoff PhD / (2 units), F 11:00 AM - 12:20 PM

Options to Add: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

Spring Quarter (Mar 28 - Jun 15)

Biomath M260B: Methodologies in Clinical Research II
TBD / (4 units), T/R 10:00 - 11:20 AM

Options to Add: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

Sample Electives

8 total units of electives required for degree. Other 200-series options may include epidemiology, health services, or other basic science courses. List subject to change.

Spring - Biomath 264: Applied Data Collection and Analysis
Spring - Biomath 285: Introduction to High-throughput Data Analysis
Winter - Biomath M262: Communication of Science (Grant/Journal Writing)
Spring - Biostat 410: Statistical Methods in Clinical Trials (usually every other year)