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.

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

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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  
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  
David Elashoff PhD / Myung Sim (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.

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