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),

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

Sample Electives - Yr 1

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

Program Requirements for Degree:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Electives</th>
<th>Biomath 596 (independent research with mentor)</th>
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</thead>
<tbody>
<tr>
<td>32 units</td>
<td>8 units</td>
<td>8 units</td>
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</table>

SECOND YEAR

Fall Quarter (Sep 25 - Dec 15)

*Biomath M260A: Methodology in Clinical Research I: Clinical Trials  
  David Elashoff PhD / Chi-hong Tseng 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  
  Robert Elashoff PhD / (4 units),

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

Sample Electives - Yr 2

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)