CTS Training Program in Translational Science
Track 2 Coursework – Two Years
2015-2016 Academic Year
(Sample from electives; may also be completed in one year)
http://ctsi.ucla.edu/education/pages/tpts#track2

First Year Curriculum:

**Fall Quarter (Sept 24th - Dec 10th):**

Biomath 170A: Introductory Biomathematics for Medical Investigators
Jeff Gornbein DrPH (Mondays/Thursdays 1:00-2:20; discussion Mondays 2:30-3:20)

**Winter Quarter (Jan 4th - Mar 11th):**

Biomath 266A: Applied Regression Analysis in Medical Sciences
David Elashoff PhD (Mondays/Wednesdays 11:30-1:00)

**Spring Quarter (March 28th - June 8th):**

Biomath 266B: Advanced Biostatistics
Chi-hong Tseng PhD/Li-Jung Liang PhD (M/W 9-10:20) (one of 12 electives, see below)

Second Year Curriculum:

**Fall Quarter (Sept 24th - Dec 10th):**

Biomath M261: Responsible Conduct of Research Involving Humans
Stan Korenman MD et al (Wednesdays 4:00-6:00)

**Winter Quarter (Jan 4th - Mar 11th):**

Biomath 259: Controversies in Clinical Trials
Robert Elashoff PhD (Fridays 11:00-12:20)

**Spring Quarter (March 28th - June 8th):**

Biomath M263: Clinical Pharmacology
Elliot Landaw MD PhD (Wednesdays 3:00-4:20) (one of 12 electives, see below)

**Electives (two electives required; in addition to the four courses in blue above):**

- Biomath 265A: Data Analysis Strategies (JMP) *Winter Qtr*
- Biomath 266B. Advanced Biostatistics *Winter Qtr*
- Biomath 285: Introduction to High-throughput Data Analysis *Winter Qtr* (no videoconference)
- Biomath M260A. Methodology in Clinical Research: Clinical Trials *Fall Qtr*
- Biomath M260B. Methodology in Clinical Research: Longitudinal & Community Studies *Spring Qtr*
- Biomath M260C. Methodology in Clinical Research: Observational Studies *Fall Qtr*
- Biomath M262. Communication of Science: Grant/Journal Writing *Winter Qtr*
- Biomath M263. Clinical Pharmacology *Spring Qtr*
- Biostat 410. Statistical Methods in Clinical Trials (next offered Spring Qtr 2017)
- **Clinical and Translational Research Workshop: Clinical Protocol Development** Summer Workshop 2015 *(July 27-31)* Location: Cedars Sinai Medical Center
- Clinical Research Development Seminar Modules (minimum 3/approximately 16 hours)
- NIH Introduction to the Principles and Practice of Clinical Research (October-March) online
- NIH Principles of Clinical Pharmacology (Sept-Apr; also at Harbor-UCLA) via in-room webinars

**Monthly Meetings:** All Track 2 fellows are required to attend the Monthly Meeting *(third Tuesday of the month, 11:30AM-1:00PM, lunch included)* until program completion, including participation in three presentations.

Updated 5/2015