MSCR Track A (Clinical Trials) Course Plan: 2018-2019

Coursework Requirements: **32 units** required courses*, **8 units** electives, **8 units** Biomath 596

*Trainees may take Statistics 102A, when offered, in place of Biomath 265A

(Please confirm course details online: UCLA Schedule of Classes)

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FIRST YEAR

**Fall**

- **Biomath 170A**: Introductory Biomathematics for Medical Investigators
- **Biomath 170A Disc**: Discussion for 170A
- **Biomath M260C**: Methodology in Clinical Research III: Observational Studies

**Winter**

- **Biomath 265A**: Data Analysis Strategies I
- **Biomath 266A**: Applied Regression Analysis in Medical Sciences
- **Options to Add**: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

**Spring**

- **Biomath 266B**: Advanced Biostatistics
- **Options to Add**: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

SECOND YEAR

**Fall**

- **Biomath M260A**: Methodology in Clinical Research I: Clinical Trials
- **Biomath M261**: Responsible Conduct of Research Involving Humans
- **Options to Add**: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

**Winter**

- **Biomath 259**: Controversies in Clinical Trials
- **Options to Add**: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

**Spring**

- **Biomath M260B**: Methodologies in Clinical Research II
- **Options to Add**: Elective (see below), Biomath 596 (2-4 units) (8 total units needed)

Sample Electives

8 total units of electives required. Other 200-series options 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
- Spring - Biostat 410: Statistical Methods in Clinical Trials (usually every other year)
- Winter - Biomath M262: Communication of Science (Grant/Journal Writing)