



UCLA CTSI Training Program in Translational Science

## TPTS Certificate Program

Program Requirements: **4** required courses, **2** electives, **1** presentation, monthly meetings

# Program Timeline - Certificate

*2020-21 Instruction: Fall (Oct 1-Dec 18), Winter (Jan 4-Mar 19), Spring (Mar 29-Jun 11)*

### TRAINING YEAR ONE

**FALL** Biomath 170A: Introductory Biomathematics for Medical Investigators  
Attend the monthly meetings\*

**WINTER** Biomath 266A: Applied Regression Analysis in Medical Sciences  
Attend the monthly meetings\*

**SPRING** Elective 1 (can also be taken in any other quarter)  
Attend the monthly meetings\*

**\*(Schedule your Research Interest presentation for a meeting during your first year)**

### TRAINING YEAR TWO

**FALL** Biomath M261: Responsible Conduct of Research Involving Humans  
Attend the monthly meetings

**WINTER** Biomath 259: Controversies in Clinical Trials  
Attend the monthly meetings

**SPRING** Elective 2 (can also be taken in any other quarter)  
Attend the monthly meetings

# TPTS Biomath Courses: 2020-21

**\*Courses in bold are required at some point during MSCR Clinical Trials training**

*(Subject to change. Click to confirm online with the [UCLA Schedule of Classes](#))*

## Fall Quarter (Instruction: Oct 01 - Dec 18)

Course	Days	Times	Units	Instructors
<b>* Biomath 170A</b>		Introductory Biomathematics for Medical Investigators		
	M/W	12:00 pm - 1:20 pm	4	Myung Shin Sim, Jeff Gornbein
<b>* Biomath 170A Disc</b>		Discussion for 170A		
	W	1:30 pm - 2:20 pm	0	Myung Shin Sim, Jeff Gornbein
Biomath M260A		Methodology in Clinical Research I: Clinical Trials		
	M/W	10:00 am - 11:20 am	4	Chi-hong Tseng
Biomath M260C		Methodology in Clinical Research III: Observational Studies		
	M/W	8:30 am - 9:50 am	4	Teresa Seeman, Magda Shaheen
<b>* Biomath M261</b>		Responsible Conduct of Research Involving Humans		
	W	4:00 pm - 5:50 pm	2	Stan Korenman

## Winter Quarter (Instruction: Jan 04 - Mar 19)

Course	Days	Times	Units	Instructors
<b>* Biomath 259</b>		Controversies in Clinical Trials		
	T	9:30 am - 10:50 am	2	David Elashoff, Veena Ranganath
Biomath 265A		Data Analysis Strategies I*		
	M/W	12:00 pm - 1:20 pm	4	Jeff Gornbein
<b>* Biomath 266A</b>		Applied Regression Analysis in Medical Sciences		
	M/W	10:30 am - 11:50 am	4	David Elashoff
Biomath M262		Communication of Science (Grant/Journal Writing)		
	W	9:00 am - 10:20 am	2	David Elashoff, Veena Ranganath

## Spring Quarter (Instruction: Mar 29 - Jun 11)

Course	Days	Times	Units	Instructors
Biomath 266B		Advanced Biostatistics		
	M/W	11:00 am - 12:20 pm	4	Nicholas Jackson, Li-Jung Liang
Biomath M260B		Methodologies in Clinical Research II		
	M/W	9:30 am - 10:50 am	4	David Elashoff, Xiaoyan Wang