



UCLA CTSI Training Program in Translational Science

## TPTS Certificate Program

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

# 2022-23 Certificate Timeline

**2022-23 Instruction: Fall (Sep 22-Dec 9), Winter (Jan 9-Mar 24), Spring (Apr 3-Jun 16)**

### 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

# Core TPTS Courses: 2022-23

\*Required courses in BOLD (others suggested electives)

[\(Listings can change. Confirm through MyUCLA or UCLA Schedule of Classes\)](#)

## Fall Quarter (Instruction: Sep 22 - Dec 09)

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

## Winter Quarter (Instruction: Jan 09 - Mar 24)

Course	Days	Times	Units	Instructors
<b>* Biomath 259</b>		Controversies in Clinical Trials		
	T	8:30 am - 9:50 am	2	Elashoff, David; Ranganath, Veena
Biomath 265A		Data Analysis Strategies I*		
	M/W	12:00 pm - 1:20 pm	4	Gornbein, Jeff
<b>* Biomath 266A</b>		Applied Regression Analysis in Medical Sciences		
	M/W	10:00 am - 11:20 am	4	Elashoff, David
Biomath M262		Communication of Science (Grant/Journal Writing)		
	W	8:30 am - 9:50 am	2	Elashoff, David; Ranganath, Veena

## Spring Quarter (Instruction: Apr 03 - Jun 16)

Course	Days	Times	Units	Instructors
Biomath 266B		Advanced Biostatistics		
	M/W	11:00 am - 12:20 pm	4	Jackson, Nicholas; Liang, Li-Jung
Biomath 285		Introduction to High-throughput Data Analysis		
	M/W	1:00 pm - 2:20 pm	4	Elashoff, David; Zhou, Jin
Biomath M260B		Methodologies in Clinical Research II		
	M/W	9:30 am - 10:50 am	4	Sim, Myung Shin; Elashoff, David