

Certificate

## Clinical Trials Design and Management

This program prepares you to master clinical trials by focusing on drug approval pathways, clinical trial mechanics, and ethical considerations, giving you a comprehensive understanding of trial management. The Clinical Trials Design and Management consists of four required courses and two to four elective courses.

**Total Units:** 16  
**Completion Time:** 9-12 months (full-time)  
**Modality:** Online, in person, or choose a mix of both.  
**Special Programs:** WIOA/TAA Funding Approved.



Courses may have prerequisites; review the course page before enrolling. A checkmark indicates the course is typically offered during that term \*

### Required Courses

11.5 Units | 4 Courses

COURSE NAME & NUMBER	UNITS	FALL	WINTER	SPRING	SUMMER
Principles of Drug Discovery and Development CTDM.X417	4.0		✓		✓
Good Clinical Practices CTDM.X411	3.0	✓		✓	
Science of Clinical Trials Design CTDM.X415	2.5		✓		✓
Clinical Statistics for Non-Statisticians CTDM.X403	2.0	✓		✓	

### Elective Courses

4.5 Units | Choose 2 to 4 Courses

COURSE NAME & NUMBER	UNITS	FALL	WINTER	SPRING	SUMMER
Clinical Data Management CTDM.X400	2.0	✓		✓	
Clinical Project Management CTDM.X401	2.0		✓		✓
Drug Safety and Adverse Events Reporting CTDM.X409	1.5		✓		✓
Medical Writing CTDM.X413	2.0	✓		✓	✓
Document Preparation: Protocols, Reports, Summaries CTDM.X408	1.5	✓		✓	
Preparing for FDA Inspections and Conducting Sponsor Audits-GxP CTDM.X414	1.5		✓		✓

### Completion Review

Once all certificate requirements have been met and your final grades are posted, please access your Student Portal to enroll in the "[Certificate Completion Fee](#)" to begin the review process. Please allow 4-6 weeks to receive your certificate.

### Professional Development

UCSC Silicon Valley Extension is a California Board Registered Nursing Continuing Education Provider ([License #13114](#)). Completion of [courses in this certificate program](#) often counts towards continuing education units. Please see our [Licensure and Certification Policy](#) to learn more.

Note: Familiarity with medical terminology is required.