

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 program consists of five required courses and two to three elective courses.

**Total Units:** 15  
**Completion Time:** 9-12 months (full-time)  
**Modality:** Online, in person, or choose a mix of both.  
**Special Programs:** F-1 Compliant and 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 Units | 5 Courses

COURSE NAME & NUMBER	UNITS	FALL	WINTER	SPRING	SUMMER
Drug Development Process CTDM.X418	2.0		✓		✓
Good Clinical Practices CTDM.X411	3.0	✓		✓	
Science of Clinical Trials Design CTDM.X415	2.5		✓		✓
Clinical Data Management CTDM.X400	2.0	✓		✓	
Clinical Trials Site Monitoring CTDM.X404	1.5		✓		✓

### Elective Courses

4 Units | Choose 2 to 3 Courses

COURSE NAME & NUMBER	UNITS	FALL	WINTER	SPRING	SUMMER
Clinical Statistics for Non-Statisticians CTDM.X403	2.0	✓		✓	
Clinical Document Preparation (Protocol, ICF, IB IND/NDA) CTDM.X408	2.0	✓		✓	
Clinical Project Management CTDM.X401	2.0		✓		✓
Clinical Pharmacovigilance 101: AE, SAE, AESI, SUSAR Reporting CTDM.X409	2.0		✓		✓
Medical Writing 101 (CSR, Safety Narrative, Protocol, IB) CTDM.X413	2.0	✓		✓	
Sponsor Audit and Regulatory Inspection Readiness 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.