

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 five 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: 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

11.5 Units | 5 Courses

| COURSE NAME & NUMBER | UNITS | FALL | WINTER | SPRING | SUMMER |
|--|-------|------|--------|--------|--------|
| Drug Development Process CTDM.X418 | 3.0 | | ✓ | | ✓ |
| Drug Discovery, Survey CTDM.X419 | 1.0 | ✓ | | ✓ | |
| 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.