

CALIFORNIA UNIVERSITY OF PENNSYLVANIA

Program: BS Science and Technology Multidisciplinary Studies
Start: Fall (August), Winter (December), Spring (January), Summer (June)
Total Credits: 120

General Education (40/41 Credits)

UNI 100 First Year Seminar (Exempt)
ENG 100 English Composition I
Any Public Speaking Course
MAT 181 College Algebra
Any Health and Wellness Course
Any Technological Literacy Course
Any Humanities Course
Any Fine Arts Course
Any Natural Sciences Course
Any Social Sciences Course
Ethics and Multicultural Awareness Course
General Education Courses

Additional Requirements (Not counted towards General Education Requirements)

Special Experience Course (1 Course Required) - Any approved Special Experience Course from the Eberly College of Science and Technology program disciplines*
Upper-Division Writing Component Courses (2 Courses Required) - Any approved Upper-Division Writing Courses from the Eberly College of Science and Technology program disciplines*
Laboratory Course (1 Course Required) - Any approved Laboratory Course from the Eberly College of Science and Technology program disciplines*

Major Program Requirements (60 Credits)

Professional Program Core**

- STEM area (24 credits) **
- Capstone area (3 credits) **
- Discipline Program areas (33 credits) **

Free Electives (19-20 credits) ***

Program Notes:

- 1 Provides a highly flexible and agile platform for the "Just-In-Time" development of technicians, STEM, technology level degree concentrations and careers that can be tailor-made to workforce needs of specific businesses, industries, government agencies, educational institutions; and other related sectors.
- 2 Provides services to enroll, retain and graduate non-traditional students.
- 3 Provides a service for returning students to complete a degree.
- 4 Articulates up to 90 transfer semester hours from accredited institutions of the 120 hours required for graduation. Thirty (30) of the last 45 credits have to be taken at California University of Pennsylvania. In addition, students must complete at least 50% of the major coursework within their department from Cal U, with the exception of intra-system transfer students.
- 5 Permits up to 30 earned credits of prior learning assessment (PLA) work and other applicable nontraditional learning experiences. All credit awarded for work and other non-traditional experience is called "college-equivalent" credit and is transcript as "P" credits. Portfolios describing these experiences and their relationship to the learning objectives of course(s) being challenged are required. Additional fees may apply.
- 6 Provides a sound educational foundation (identical general education requirements of the University) without rigid specialization requirements.

- 7 Provides advanced knowledge and higher-level skills for career advancement to management and professional careers in the workforce.
- 8 Requires students to develop an approved academic plan of study —the **Professional Core** is derived from "two or more" distinct programs and that is integrated around a unifying theme or topic that cannot be subsumed under a single discipline or occupational field, for degree completion with a faculty advisor and / or department chair from the student's selected professional program core.
 - a. Professional program core discipline codes—(BIO, CAD, CET, CHE, CIS, CSC, EAS, EET, ENS, GCM, GEO, GET, GIS, IST, ITE, MAT, MTR, NMT, PHY, REC, RET and WFD).
 - **The professional core will have a minimum** of six (6) credits of Science, six (6) credits of Technology, six (6) credits of Engineering, six (6) credits of Mathematics (STEM) and a three (3) credit Capstone experience course.
 - General Education requirements that specifically pertain to the minimum professional core STEM and Capstone courses can count towards that requirement.
 - Students will still need to meet the 120-credit graduation requirement.
 - Students must complete a minimum 15 credit hour special area of interest (300-400 level classes from one of the following disciplines) - BIO, CET, CAD, CHE, CIS, CSC, EAS, EET, ENS, GCM, GEO, GET, GIS, IST, ITE, MAT, MTR, NMT, PHY, REC, RET and WFD)—applies to the professional program core and advance standing course requirements.
- 9 ***Free Electives are to be used to build the Bachelor of Science in Science and Technology Multidisciplinary Studies degree.
- 10 Students are required to meet every semester with their advisor to tailor their program of study to their own personal/professional interests, needs, or occupational employment demands/projections.
- 11 Requires students to have at least 42 credits of their overall coursework be advance-standing courses, 120-credit graduation requirement, and must have a minimum 2.0 grade point average to qualify for graduation.

Updated November 8, 2018