SCIENCE AND TECHNOLOGY MULTIDISCIPLINARY STUDIES
Eberly College of Science and Technology

120 credits

Degree Benefits
This Bachelor of Science in Science and Technology Multidisciplinary Studies offers students a means to design a program of study that reflects current business, industry, government, education/training development, and technology needs, and/or build a STEM (science, technology, engineering, and math) multidisciplinary skill set within the program of studies.

Designing an individualized program of study enables a student to build a unique skill set that focuses on two or more distinct programs. The resulting multidisciplinary program will be integrated around a unifying theme or topic that cannot be subsumed under a single discipline or occupational field, or a perception that is not currently available through established majors/minors. In this way, the student can tailor a program of study to his or her own personal interests, professional needs or the demands of current or future employment.

Courses are offered during the fall, spring and summer sessions via delivery methods that include face-to-face and online courses, as appropriate. In addition, students who are still deciding on their interests can take these courses as non-degree seeking students without declaring a major area of study.

This type of degree program can give students greater job security and career flexibility, while providing employers with the more adaptable, multi-skilled and highly educated workforce that is desired in today’s rapidly changing economy.

The Degree
The Bachelor of Science in Science and Technology Multidisciplinary Studies degree is a nontraditional academic program that:

1. Provides a highly flexible and agile platform for developing technicians, STEM workers and technology-focused graduates who are prepared to meet the workforce needs of specific businesses, industries, government agencies, educational institutions and other employers.

2. Provides services to enroll, retain and graduate non-traditional students.

3. Provides a service for returning students who wish to complete a degree.

4. Articulates from accredited institutions up to 90 transfer hours of the 120 semester hours required for graduation. Thirty (30) of the last 45 credits must be taken at California University of Pennsylvania. In addition, students must complete at least 50% of the major coursework within their department at 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. Additional fees may apply.

6. Provides a sound educational foundation without rigid specialization; students must meet the same General Education requirements as they would in other Cal U programs.

7. Provides advanced knowledge and higher-level skills needed for career advancement to management and professional positions.

8. Requires each student to develop an approved academic plan for degree completion — the Professional Program Core — with a faculty adviser and/or department chair from his or her selected area of study. The Professional Program Core must be derived from two or more distinct programs and integrated under a unifying theme, topic or professional/workplace need.

   a. The Professional Program 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.

9. Requires students to meet with an adviser every semester to tailor the program of study to their own personal interests, professional needs or the demands of their current/projected employment.

10. Requires students to complete 120 credits, including at least 42 credits of upper-level coursework, and maintain a minimum grade-point average of 2.0 in order to qualify for graduation.

CALIFORNIA UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE STUDIES
How long does it take to complete the Bachelor of Science in Science and Technology Multidisciplinary Studies degree at Cal U?
As a full-time or part-time student, you can earn a Bachelor of Science in Science and Technology Multidisciplinary Studies in a timely fashion. For detailed information, contact Dr. Jennifer Wilburn, program coordinator, (wilburn@calu.edu) or call 724-938-4085.

How do I join the program?
Contact the Cal U Office of Admissions at inquiry@calu.edu or 724-938-4404 (toll-free 888-412-0479).

We're ready to talk with you about joining the new Science and Technology Multidisciplinary Studies program at Cal U!

Apply online:
http://www.calu.edu/academics/programs/

Curriculum
California University believes that a liberal education is essential for all students, regardless of the profession for which they may be preparing. The goals, objectives and courses that comprise our General Education program are designed to provide students with the knowledge, understanding and skill they will need to pursue their careers and lead productive and rewarding lives.

Note
The policies and procedures described here may be reviewed and revised as the need arises. This fact sheet should be used as an information guide. For details on current policies and procedures, contact the chair of the department.

The proposed California University Science and Technology Multidisciplinary Studies program is aligned with the Pennsylvania State System of Higher Education strategic directions, as well as Cal U’s mission and strategic goals through the development of a Science, Technology, Engineering, and Mathematics (STEM) discipline that is designed to meet the current and emerging workforce needs of the Commonwealth.

Program Contact Information
Contact the Mathematics, Computer Science and Information Systems Department by phone at 724-938-4078.

Department Website
www.calu.edu/academics/colleges/eberly/math-computer-science

QUESTIONS
ABOUT ADMISSIONS?
Office of Admissions
California University of Pennsylvania
250 University Ave.
California, PA 15419-1394

Phone: 724-938-4404
Toll-free: 888-412-0479
Fax: 724-938-4564
E-mail: inquiry@calu.edu

FINANCIAL AID
For information on student loans and undergraduate scholarships, visit www.calu.edu or call 1-888-412-0479.

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