

Computer Engineering

The Bachelor of Science degree in Computer Engineering is offered by University of the Pacific through the Department of Electrical and Computer Engineering (ECPE). Computer engineers solve problems in hardware, software, systems and networks that address almost every industry including: telecommunications, energy, health care, banking, networking, electronics manufacturing, etc. 5 I F \$ P N Q V U F S & O H J O P I S S J O H T # D D S Q S J U F F S Q I Z U I F & O I " D D S F E J U B U J P O \$ P N I U J T Q R X X P B C " # ! & P U S I H F D V P O N F J S T T J (F O F S B M \$ S J U F S J B I O S E J B S C P H S S B N I S S U S P J N D B W O J S P E N U Q J 5 F M F D P N N V O J D B U J I B S M B N F B E O & O 4 H J N C F S B N O H 1 S P H

All computer engineering students complete a team-oriented, multidisciplinary senior design project, which provides an opportunity to apply engineering fundamentals and design methods to the solution of a real problem. Graduates of this program have the knowledge essential for entry to this dynamic field of engineering or to continue their education through graduate studies. The computer engineering laboratories include state-of-the-art software and hardware platforms, as well as standard test and measurement equipment. Students have easy access to computer and laboratory equipment and can conduct approved independent research.

COOPERATIVE EDUCATION PROGRAM (CO-OP)

CO-OP coordinators work with students to arrange 7 months full-time, paid jobs with engineering employers. (CO-OP is optional for non-U.S. citizens)

COMPUTER ENGINEERING PROGRAM OBJECTIVES

Through their careers in computer engineering or related professions, Pacific graduates are expected to demonstrate the following within a few years of earning their bachelor's degree in Computer Engineering:

- + Competency in the computer engineering profession via promotion to positions of increasing responsibility, publications, and/or conference presentations
- + Adaptability to new developments in science and technology by

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING - PROGRAM CURRICULUM

MATHEMATICS & BASIC SCIENCE

MATH 051 [4] CALCULUS I

MATH 053 [4] CALC