PROGRAM DESCRIPTION

The College of Business and the Computer Science and Engineering department in the P.C. Rossin College of Engineering and Applied Science jointly offer the Computer Science and Business (CSB) program. The mission of the program is to provide rigorous computer science education integrated with in-depth business training that prepares high quality undergraduate students with diverse backgrounds for lifelong learning and to assume positions of leadership in the business community. This carefully crafted degree integrates technology skills in software development with a solid background in business and economics. Deep immersion in both of these areas distinguishes CSB from programs offered by other universities. At the same time, it is well balanced with approximately one third of the courses in liberal arts, one-third in computer science, and one-third in business.

After four years the program leads to a degree in Computer Science and in Business, which is jointly awarded by the College of Business and the P.C. Rossin College of Engineering and Applied Science. Graduates of the program will be ideal candidates for placement within public accounting firms, consulting companies, and startup companies. This program provides students with the background needed to become the CIOs, decision makers, and general managers of information age corporations.

While honors-like in quality and rigor, the CSB program is open to any student wishing to accept the challenges it offers. Students may matriculate at Lehigh specifically into CSB or enter the program at a later point. Transferring into CSB after freshman year, however, may require students to take additional credits to graduate.

The co-directors of the CSB program are James A. Hall, Peter E. Bennett Chair in Business and Economics (jah0@lehigh.edu) and Henry Korth, Professor of Computer Science and Engineering (hfk2@lehigh.edu).

For additional information visit the CSB web site at: https://engineering.lehigh.edu/academics/undergraduate/interdisciplinary/computer-science-business

MISSION FOR PROGRAM

The Computer Science and Business program’s mission is to provide its students with a strong education in mathematics, science, business, and computer science fundamentals and to prepare them to be able to adapt to future changes in the practice of Computer Science.
PROGRAM EDUCATIONAL OBJECTIVES

Graduates of the Bachelor of Science in Computer Science and Business Program will:

- Apply their education in computer science to the analysis and solution of business and industrial problems.
- Account for ethical and social issues when solving business and industrial problems.
- Function effectively in a collaborative team and effectively communicate with members of the team.
- Engage in continued education in their field of expertise.
- Attain positions of expertise in their chosen field.
- Apply their training to problems where information technologies and business processes converge.

This program is accredited by AACSB International, the Association to Advance Collegiate Schools of Business, and by the Computing Accreditation Commission of ABET, http://www.abet.org.