CYBER-PHYSICAL SYSTEMS

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The mission of the Department of Computer and Information Science is to educate diverse student in an intellectually challenging program of study focused towards the analysis, design, and implementation of software systems by providing an advanced and rigorous curriculum with integrated laboratory-based and practical experiences that make students globally competitive for employment with government and industry.

The vision of the Department of Computer and Information Science is to become nationally recognized in educating bachelors to terminal degree level students in the Computer Sciences with knowledge, skills and practical training needed to understand and address inter-disciplinary and multi-disciplinary problems of a national and global scale.

The Department of Computer and Information Science Degree programs provide undergraduate students a balanced, practical and theoretical approach to the study of software and hardware that includes the latest advances in this industry. The curriculum emphasizes the development of problem-solving skills applied to real-world problems. The programs of study in computer science and computer information systems provides for a comprehensive foundation that permits graduates to attain their career objectives in graduate education or pursue employment in many technical or professional fields of information technology.

The Department's academic and research activities are strengthened via several major funded initiatives. These projects provide opportunities for student participation in research/design efforts and related laboratory work. The department has linkages with several research institutions, government research laboratories and industries to facilitate student summer internships, job placement, and doctoral studies.

- Accelerated Dual Degrees Computer Science, B.S./M.S. (http://catalog.cau.edu/undergraduate/programs-study/arts-sciences/natural-sciences-mathematics/cyber-physical-systems/accelerated-dual-degrees-computer-science-bsms/)
- Computer Science, B.S. (http://catalog.cau.edu/undergraduate/programs-study/arts-sciences/natural-sciences-mathematics/cyber-physical-systems/computer-science-bs/)
- Computer Science, Minor (http://catalog.cau.edu/undergraduate/programs-study/arts-sciences/natural-sciences-mathematics/cyber-physical-systems/computer-science-minor/)
- Cybersecurity, B.S. (http://catalog.cau.edu/undergraduate/programs-study/arts-sciences/natural-sciences-mathematics/cyber-physical-systems/cybersecurity-bs/)