Computer Engineering

Computer Engineering (CoE) is one of the core engineering disciplines. The roots of computer engineering lie in electrical engineering and are enriched by computer science. A computer engineer analyzes and designs electronic circuits and components, microprocessors and software, and integrates hardware and software into larger systems. Computer engineers work in many industries, including aerospace, automotive, computer, defense, electronics, information technology, networking and telecommunications.

The Bachelor of Science program in Computer Engineering provides a balance between hardware and software and between theory and application. It prepares graduates for a dynamic career in computer engineering by providing you the skills and knowledge for success. A large number of laboratory-based courses in the curriculum provide hands-on learning opportunities. The faculty are dedicated to providing the environment and opportunities required for you to succeed.

Our curriculum is excellent preparation for graduate studies. For qualified undergraduates, we offer an accelerated five-year program that leads to both a BS and an MS degree in computer engineering or a BS in computer engineering and a master of business administration.

For more information on the Web, visit:
https://www.binghamton.edu/electrical-computer-engineering/

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