

COMPUTER SCIENCE AND ENGINEERING

Department Website (https://www.sc.edu/study/colleges_schools/engineering_and_computing/departments/computer_science_and_engineering/)

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The Department of Computer Science and Engineering offers master's and doctoral-level degrees in computer science and engineering. In addition, a graduate certificate program in information assurance and security is offered. These programs emphasize student involvement in research programs and projects, many of which are supported by government agencies or are collaborative efforts with local industries. Current research emphasizes work in agent-based computing and artificial intelligence, bioinformatics, computer security and information assurance, computer vision and image processing, embedded and reconfigurable computing, quantum computing, robotics, software quality assurance, and wireless networks.

The M.S. and M.E. degrees are designed to provide a strong foundation for pursuing careers in the computer and information systems industry. The Ph.D. degree prepares graduates for careers in industrial research and university-level teaching and research. The graduate certificate program in information assurance and security is designed to provide information professionals with the background and knowledge needed for management of computer security and information assurance. Additional information on current research projects, detailed course outlines, and other aspects of the graduate program may be found on the departmental Web site, <http://www.cse.sc.edu>.

Academic Standards

All students are expected to meet the academic standards of The Graduate School.