The Department of Computer Science and Engineering offers graduate studies leading to the degrees of Master of Computer Science, Master of Science in computer science and Doctor of Philosophy. In computer engineering, the Departments of Computer Science and Engineering and Electrical and Computer Engineering offer a joint program leading to the degrees of Master of Engineering, Master of Science and Doctor of Philosophy.

Advanced study in computer science is designed to provide the skills to design and utilize modern computer systems. The field of computer science is rapidly changing and expanding, generating a need for computer scientists in the burgeoning industry. The Department of Computer Science and Engineering is meeting these needs with advanced study in computer science.

Areas of study in computer science and engineering include five core areas and six multi-disciplinary areas. The five core areas include systems, software, theoretical foundations, human-centered systems and intelligent systems. The six multi-disciplinary areas include bioinformatics, brain networks, computational science and engineering, digital humanities, security, and emergency informatics.

Special laboratory facilities are available to graduate students in artificial intelligence, software engineering, graphics, robotics, distributed systems, real time computing, software, multimedia, computer architecture, and hypertext. The department houses a network of microcomputer systems and workstations for individual student use.

There is no foreign language requirement for the PhD program in computer science.

Faculty

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PHD, The Pennsylvania State University, 2002

Masters

- Master of Computer Science in Computer Science (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/computer-science/mcs)
- Master of Engineering in Computer Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/computer-science/engineering-meng)
- Master of Science in Computer Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/computer-science/engineering/ms)
- Master of Science in Computer Science (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/computer-science/ms)

Doctoral

- Doctor of Philosophy in Computer Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/computer-science/engineering/phd)
- Doctor of Philosophy in Computer Science (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/computer-science/phd)