DEPARTMENT OF COMPUTER SCIENCE

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Professor and interim chair

egr.vcu.edu/departments/computer (https://egr.vcu.edu/departments/computer/)

The Department of Computer Science offers undergraduate and graduate programs. The Bachelor of Science in Computer Science is a rigorous, highly concentrated curriculum of computer science courses. It includes advanced study in several important areas of computer science and provides a strong foundation in this discipline. Every course is taught by full-time faculty members who also serve as advisers to both undergraduate and graduate students.

The master's degree program emphasizes continuing self-development of individuals currently engaged in science-, technology- and engineering-related fields. It prepares persons who have completed undergraduate majors in these fields for entry into careers in areas that use computing technology. Both the theoretical and applied aspects of computer science are emphasized in this program. The program offers courses in a wide range of areas in computer science, including machine learning, artificial intelligence, cybersecurity and cloud computing, data mining, bioinformatics, and medical informatics.

Students who complete the requirements for this degree will receive a Master of Science in Information Systems Security.

- Computer and Information Systems Security, Master of Science (M.S.) (http://bulletin.vcu.edu/graduate/school-engineering/computer-science/computer-information-systems-security-ms/)

Students who complete the requirements for this degree will receive a Doctor of Philosophy in Computer Science.

- Computer Science, Doctor of Philosophy (Ph.D.) (http://bulletin.vcu.edu/graduate/school-engineering/computer-science/computer-science-phd/)

Students who complete the requirements for this degree will receive a Master of Science in Computer Science.

- Computer Science, Master of Science (M.S.) (http://bulletin.vcu.edu/graduate/school-engineering/computer-science/computer-science-ms/)

Students who complete the requirements for this program will receive a Certificate in Cybersecurity.

- Cybersecurity, Certificate in (Post-baccalaureate certificate) (http://bulletin.vcu.edu/graduate/school-engineering/computer-science/cybersecurity-certificate/)

Students who complete the requirements for this program will receive a Certificate in Data Science.

- Data Science, Certificate in (Post-baccalaureate certificate) (http://bulletin.vcu.edu/graduate/school-engineering/computer-science/data-science-certificate/)