GRADUATE COURSES IN COMPUTER SCIENCE

All candidates must complete or have formal education in the courses constituting the core curriculum.

- CMPS 5113 Advanced Programming Language Concepts
- CMPS 5133 Advanced Computer Architecture
- CMPS 5143 Advanced Operating Systems
- CMPS 5153 Advanced Software Engineering
- CMPS 5243 Algorithm Analysis

Students may choose courses from the following list to complete the degree requirements in Computer Science.

- CMPS 5203 Embedded Systems
- CMPS 5213 Wireless Computer Communications and Networks
- CMPS 5223 Language Translators and Interpreters
- CMPS 5253 Expert Systems
- CMPS 5303 Advanced Database Management Systems
- CMPS 5313 Automata Theory
- CMPS 5323 Computer Methods in Applied Science
- CMPS 5333 Discrete System Simulation
- CMPS 5353 Graduate Topics in Computer Graphics
- CMPS 5363 Graduate Topics in Computer and Network Security
- CMPS 5433 Graduate Topics in Parallel and Distributed Systems
- CMPS 5443 Advanced Topics in Computer Science
- CMPS 5463 Applied Soft Computing
- CMPS 5993 Independent Graduate Study in Computer Science
- CMPS 6901 Independent Graduate Study in Computer Science

A research paper in Computer Science is required of each student to demonstrate his ability to perform acceptable research and to report it clearly and concisely in proper form.