Computer Science and Software Engineering - MSwE, MS, PhD

Degree Programs:

• Computer Science and Software Engineering - MSwE (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/computerscienceandsoftwareengineeringmswemsphd_major/computerscienceengr_msw)
• Computer Science and Software Engineering - MS (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/computerscienceandsoftwareengineeringmswemsphd_major/computerscienceengr_ms)
• Computer Science and Software Engineering - PhD (http://bulletin.auburn.edu/thegraduateschool/graduatedegreesoffered/computerscienceandsoftwareengineeringmswemsphd_major/computerscienceengr_phd)

Graduate study in the Department of Computer Science and Software Engineering (COMP) leads to the non-thesis master of software engineering (MSwE) or research oriented master of science (MS) and doctor of philosophy (PhD) degrees in computer science and software engineering. All applications are reviewed by the COMP Graduate Admissions Committee.

To enter the MS or the MSwE, the student must hold a bachelor’s degree or its equivalent from an institution of recognized standing. The student also must have the pre-requisite undergraduate experience in areas of computer science and/or software engineering. If the student has deficiencies in the pre-requisites, he or she will be required to take appropriate undergraduate courses. All applicants must submit Graduate Record Examination scores for the general test.

The MS program requires 30 semester credit hours, including six credit hours for research and thesis. The MSwE program requires 33 semester credit hours, including three credit hours for the software engineering design project. There is no language requirement.

For the PhD program, the applicant must hold a master’s degree or have successfully completed a minimum of one academic year of graduate study, from an institution of recognized standing in an area related to the proposed doctoral study. All applicants must submit GRE scores for the general test. The student will take a written qualifying examination soon after gaining admission to the program. Additional examinations, as described in the general Graduate School requirements, are given throughout the program, culminating with the defense of the dissertation. There is no language requirement for the PhD. The program typically includes at least one academic year of course work and one year of research beyond the master’s level. The PhD program requires a minimum of 66 semester credit hours of course work beyond the bachelor’s level, including 18 hours of research and dissertation.