MS in Computer Science

The program admits students with a bachelor’s degree in computer science, computer engineering, or a related area. Students from other areas with at least one year of university-level engineering mathematics may be admitted with an extra requirement to complete some undergraduate background deficiency courses prescribed at the time of admission.

To be considered for admission to the program, a student must have earned a GPA of at least 3.000 (or an equivalent score from another country) in the bachelor’s degree. Students whose bachelor’s degree is from an institution outside the U.S. are required to submit official scores of the GRE General Test along with the admission application.

Program Requirements

Major Area Courses

Each MSCS student must take at least 18 credit hours of major area courses that are listed on the EECS department’s website. Courses taken from this group must include:

- CS 721 Advanced Algorithms and Analysis

- At least 12 credit hours of 800-level or higher courses (including thesis or project, if any)

- At least 3 credit hours of courses with a research writing and presentation component

Electives

Select up to 12 credit hours of 600-level or higher courses other than the major area including, at most, 6 credit hours of courses outside the department, approved by the student’s advisor

Total Credit Hours 30

Graduating Options

Thesis Option

Select at least 30 credit hours which must include:

- CS 892 Thesis (Select 6 credit hours)

Total Credit Hours 30

Project Option

Select at least 33 credit hours which must include:

- CS 891 Project (Select 3 credit hours)

Total Credit Hours 33

Coursework Option

Select at least 36 credit hours

Total Credit Hours 36