

Computer Science and Engineering MEng Admission Requirements

The MEng CSE degree consists of 30 credits of graduate training emphasizing breadth, theory, and practice in computing.

Admission Requirements:

- ❖ Bachelor's degree,
- ❖ Two letters of recommendation, and
- ❖ Preparation in computing. The preparation in computing requirement can be met in two ways:
 - ❖ A B.S./B.A. or advanced degree in computing, or
 - ❖ Preparation roughly consistent with an undergraduate computing degree. Required background, for those students entering the program without a related degree, includes the following:
 - Multivariable Calculus, Linear Algebra;
 - Discrete Mathematics (equivalent to CSE2500);
 - Operating Systems or Systems Programming course (equivalent to CSE3100);
 - Data Structures and Algorithms (equivalent to CSE2050);
 - One year of programming (equivalent to CSE1010 & CSE 2050).
 - ❖ Recommendations:
 - Probability and Statistics;
 - Computer Architecture (equivalent to CSE3666);
 - Design and Analysis of Algorithms (equivalent to CSE3500);
 - Further experience in computing (e.g., our core courses such as Bioinformatics, Data Analytics, Cybersecurity, Networking, Software Engineering, Theory of Computing).

Further comments on admissions requirements:

- ❖ GRE scores not required.
- ❖ Successful candidates have at least a 3.0 GPA in undergraduate coursework, with strong performance in STEM courses.