

Admission to the MS in Computer Science Program

An applicant for the Master of Science in Computer Science will comply with the following requirements:

- 1) A BS in Computer Science degree from an ABET-accredited program, or a four-year undergraduate degree in Computer Science or related program with permission
- 2) Cumulative undergraduate grade point average of 3.00 or higher.
- 3) International students must have a TOEFL score of at least 600 (paper-based)/250 (computer-based)/100 (Internet-based) having taken the test within the past year or demonstrated proficiency in the use of the English language.
- 4) Students may be admitted to the program at the beginning of either fall or winter.

Prerequisites for the MS in Computer Science

Students with undergraduate degrees in Computer Science from non-ABET accredited programs and/or students with an undergraduate degree in an area outside of Computer Science will be required to take specific prerequisite undergraduate courses in Computer Science or Embedded Systems prior to admission.

Required Courses (Computer Science):

CPTR 124	Fundamentals of Programming
CPTR 209	Introduction to Software Evaluation
CPTR 215	Fundamentals of Software Design
CPTR 318	Data Structures & Algorithms
CPTR 319	Database Management Systems
CPTR 328	Principles of Networking
CPTR 365	Operating Systems
CPHE 222	Organization, Architecture & Assembly Language
MATH 191	Calculus I
MATH 280	Discrete Math Structures

Required Courses (Embedded Systems)

CPTR 124	Fundamentals of Programming
CPTR 215	Fundamentals of Software Design
CPTR 318	Data Structures & Algorithms
CPTR 328	Principles of Networking
CPTR 365	Operating Systems
CPHE 222	Organization, Architecture & Assembly Language
CPHE 380	Microcontroller Design
CPHE 410	Computer Interfacing
MATH 191	Calculus I
MATH 280	Discrete Math Structures