COMPUTER SCIENCE (ONLINE PROGRAM), MS

Contact

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Description

For students who want to expand their technical expertise beyond their undergraduate major, the Department of Electrical Engineering and Computer Science (EECS) offers Master of Science (M.S.) degree in computer science. EECS has a long and distinguished record of graduate education, with many of our graduates placed in key positions in industry. Graduates from our master's programs are well represented in such corporations as IBM, General Electric, Lockheed Martin, Microsoft, and Intel.

Accreditation

Accredited by Middle States Association of Colleges and Schools

Admission

A bachelor's degree in Computer Science, Computer Engineering, or STEM field with a strong mathematics background from an accredited institution, with an average GPA of 3.0 or better is required. Core competency in Discrete Mathematics, Calculus, Data Structures, Computer Organization, and knowledge of programming languages (C, C++, Java, etc.) is preferred.

For international students: TOEFL computer-based score of 223 (Internet-based score 85; paper-based score 563) or better; GPA of 3.0/4.0 or better.

Learn More About the Online Computer Science Program https://onlinegrad.syracuse.edu/form-computer-science/

Degree

The M.S. in Computer Science requires students to complete 30 total credits including 12 credits of core courses and 18 credits of electives.

Transfer Credit

A maximum of 9 transfer credits for students admitted to the online programs. Transfer credits are certified after the students complete their course work requirements. Upon completion of course work, the College forwards the necessary paperwork to the Graduate School, which certifies any transfer credits (as well as the credits completed with us) prior to graduation.

Part-Time Study

This program is designed for students to be completed on a part-time basis.

Core Course Requirement

Each student's program must include:

Code	Title	Credits
CIS 623	Assured Programming with Formal Methods	3
CIS 655	Computer Architecture	3
CIS 657	Principles of Operating Systems	3
CIS 675	Design and Analysis of Algorithms	3

Final Examinations

Candidates are required to complete the final examinations in all core courses with an average grade of B- or better.

Students must achieve a transcript grade of B- or better in each of the core courses.

Program must include a minimum of 18 credits of CIS courses.

Satisfactory Progress

The student must maintain a cumulative total GPA of at least a 3.0 in those courses to be credited towards the M.S. degree, and a minimum cumulative total GPA of 2.8 in all graduate courses taken at Syracuse University.

Total Credits: 30

A candidate for MSCS degree is required to take 10 graduate level courses (30 credits), including four required (core) courses (see below). The remaining six courses are chosen by the candidate from a wide range of graduate level courses in computer science and computer engineering offered each semester to form a coherent program of study.