Gain the expertise to create solutions for emerging system designs with the M.S. in Computer Science program delivered online from Syracuse University’s College of Engineering and Computer Science. With an emphasis on mathematical evaluation, analysis, and the latest developments in the field, the program allows students to learn at the forefront of computer science discovery.

The online M.S. in Computer Science program will prepare you to:

- incorporate emerging technologies into new system designs;
- develop expertise in the areas of security and assurance, artificial intelligence, computer architecture, and advanced programming; and
- build the analytical, critical-thinking, and mathematical skills needed to take on advanced computational challenges.

Prepare to Succeed in an Evolving Industry With a Syracuse Degree

Computer and information technology occupations are projected to increase 13% from 2016 to 2026.

At the forefront of developments in the field, the College of Engineering and Computer Science prepares students to enter the industry with the knowledge to drive technology forward.

With an M.S. in Computer Science, you can pursue positions such as:

- Software Developer
- Computer System Analyst
- Computer Programmer
- Information Technology Project Manager

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3https://www.bls.gov/ooh/computer-and-information-technology/home.htm

Syracuse University has been designated by the National Security Agency and Department of Homeland Security as a Center of Academic Excellence in Information Assurance Education (CAE-IAE) since 2001 and as a Center of Academic Excellence in Information Assurance Research (CAE-R) since 2009.
Earn Your Degree in as Few as 15 Months

The M.S. in Computer Science program consists of 30 credits. Students in the program take 12 credits of core courses and 18 credits of electives. Students learn in face-to-face online classes and also attend an on-campus immersion, ensuring a collaborative academic experience and networking opportunities.

Core courses in the program include:

- Structured Programming and Formal Methods
- Advanced Computer Architecture
- Principles of Operating Systems

Applying to the Program

The College of Engineering and Computer Science seeks students who are passionate about computer systems and determined to shape tomorrow’s technology. The online M.S. in Computer Science is a rigorous degree program suited for those with a strong background in computing disciplines and proficiency in programming languages who are looking to further their specialized skills.

To apply, you will need:

- A bachelor’s degree
- Official degree-bearing transcripts
- A current business resume
- A 500-word personal statement
- Two letters of recommendation

“This degree helps me not only become more well-rounded in the discipline but also allows me to drill deeper into concepts that will help me to be more successful in tackling challenges in the future. Coding and designing solutions is an engaging, creative process. I can’t get enough of it.”

—Carl Poole
Class of 2017

About the College

Established in 1901, Syracuse University’s College of Engineering and Computer Science has a long tradition of preparing students to become responsive leaders who create practical and sustainable solutions to today’s greatest technological challenges. Through collaborative and multidisciplinary curricula, programs in the College provide students with the real-world skills to meet the needs of a growing industry worldwide. Graduates of online Engineering@Syracuse programs join an accomplished alumni community of dedicated tech professionals.

Syracuse University is fully accredited by the Middle States Commission on Higher Education (MSCHE) and is registered at the New York State Education Department.

Learn More: engineeringonline.syr.edu | 844-797-4364 | admissions@engineeringonline.syr.edu