Master of Science in Computer Science Online

With an emphasis on mathematical evaluation, analysis, and the latest developments in the field, the online M.S. in Computer Science program from Syracuse University's College of Engineering and Computer Science prepares students to create solutions for emerging system designs.

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.

With an M.S. in Computer Science, You Can Pursue Positions Such As:

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

Prepare to Succeed in an Evolving Industry With Syracuse.

Computer and information technology occupations are projected to increase 12% from 2018 to 2028.[1]

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.

Live, Online Classes

Interdisciplinary Curriculum

No Relocation Necessary

Networking Opportunities

[1] Bureau of Labor Statistics, Computer and Information Technology Occupations (Accessed April 2020)

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. They 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
- Design and Analysis of Algorithms
- Principles of Operating Systems

"I was nervous to start this program since my undergrad was in electrical engineering. But every time I earn a good grade on something difficult, it is confirmation that I can do this, and I'm learning how to apply it."

Tess Thoresen—Class of 2019

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
- GRE waivers are available

Engineering@Syracuse Students

49% **U.S. Ethnic Minority**

19% **Military Background**

This self-reported information above reflects all-time enrolled students as of December 2019.

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.