Master of Science in Computer Engineering Online

Delivered online from Syracuse University's College of Engineering and Computer Science, the M.S. in Computer Engineering program will prepare you to create assured hardware and software solutions.

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

- Software Engineer
- Computer Hardware Engineer
- Computer Network Architect

In the Online M.S. in Computer Engineering Program, You Will Build Key Skills Such As:

- Operations analysis to create designs according to needs and product requirements
- Active learning to grasp the implications of new information
- Problem-solving for complex computer engineering challenges
- Judgment and decision-making for potential actions

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 Engineering 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:

- Object Oriented Design
- Advanced Computer Architecture
- Advanced Data Structures and Algorithms
- Introduction to System-on-Chip Design

"I hadn't given much thought previously to computer systems, but now I'm starting to understand their intricacies. The higher-ups at my company are impressed that I'm going through this master's program."

Jamie Clark—Expected Graduation Date: July 2021

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 Engineering 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.