



## Master of Science in Computer Engineering

Turn ideas into technological achievements

**Unlock a world of opportunities with a master's in Computer Engineering from University of Bridgeport. Gain a deep and comprehensive understanding of computer engineering and prepare to take the next steps in your career. Our program enhances your ability to learn independently, tackle technical challenges, and apply your knowledge to real-world problems. Working with our expert faculty, you will develop strong analytical skills to evaluate options, propose optimal solutions, and effectively communicate your findings.**

### Lay the foundation for your future career

UB's master's in Computer Engineering offers a comprehensive course of study tailored to individuals with an undergraduate background in computer or electrical engineering. Our program is designed to equip students with the knowledge necessary for thriving in the dynamic landscape of technology. Through a combination of theoretical foundations and hands-on practical experiences, students dive into cutting-edge topics such as artificial intelligence, robotics, computer architecture, and more.

### Specialize in several concentration areas

Computer Engineering master's students are offered the opportunity to specialize in various concentration areas of their choosing that align with their professional interests, such as:

- Advanced Applications and System Programming
- VLSI and FPGA Design
- Computer and Information Security
- Computer Communications and Networking
- Artificial Intelligence
- Microelectronics and Computer Architecture
- IOT and Embedded Systems
- Robotics and Automation
- Signal and Image Processing
- Software Engineering
- Parallel and Distributed Computing

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UNIVERSITY OF  
BRIDGEPORT

**For more information, contact:**  
**203-576-4552**  
**[bridgeport.edu/msce](http://bridgeport.edu/msce)**

## Curriculum



Scan the QR code to explore the full MS in Computer Engineering curriculum.

## We're invested in your professional growth

As a UB graduate student, you'll benefit from:

- Career-focused master's and doctoral programs designed to meet workforce demands
- Accomplished faculty who are industry experts and scholar-practitioners
- Small, personalized classes that support your academic and professional goals
- Dedicated academic advising and one-on-one tutoring tailored to your needs
- Comprehensive career-development services to help you advance or pivot your career
- Industry partnerships across the state and region
- A secure campus environment with 24/7 security

## Admission requirements

### Prerequisites

- Bachelor's degree in engineering or a related STEM field from an accredited university or recognized international institution
- Recommended cumulative undergraduate GPA of 2.90 or higher

### Required materials

- Application
- Official transcript for the last degree earned. To be considered for a scholarship, you must submit transcripts from each institution attended.

## Elevate your graduate experience

Graduate school is more than coursework. As a Purple Knight, you'll find a supportive, dynamic environment where you can thrive. Highlights include:

- Graduate assistantship opportunities that offer tuition support, a stipend, and valuable hands-on experience in research, teaching, or administrative roles
- On-campus housing options, including graduate student accommodations with views of Long Island Sound
- Opportunities to connect through campus clubs, professional organizations, and networking events
- A diverse and dynamic community, with students from across the U.S. and around the globe
- An ideal location — just 1.5 hours from NYC and 2 hours from Boston — with easy access to professional hubs and cultural opportunities

View all courses offered and read full course descriptions in our course catalog ([www.bridgeport.edu/academics/course-catalog](http://www.bridgeport.edu/academics/course-catalog)).

The University of Bridgeport is accredited by the New England Commission of Higher Education. The University also is accredited by the Connecticut Office of Higher Education.

