Practice your skills at the Interdisciplinary Robotics, Intelligent Sensing, and Control (RISC) Lab

Choose from four areas of specialization

Graduate with career-ready knowledge and skills

Master of Science in
Artificial Intelligence

Prepare for the careers of the future

Artifical Intelligence (AI) is a rapidly growing industry that is having an unprecedented impact on businesses and industries across the globe. With a Master of Science in AI, you'll join leaders that are at the forefront of these changes, offering you the potential to make a positive difference by joining this evolving, life changing, and revolutionary field.

Get hands-on experience at UB's state-of-the-art facilities

At UB, you'll practice your skills in robotics at the Interdisciplinary Robotics, Intelligent Sensing, and Control (RISC) Laboratory, our 3D manufacturing facility for robotic manipulators, autonomous robots and sensory interpreters, and unmanned aerial vehicles and drones. You'll develop commercially applicable projects in conjuction with our expert faculty and gain practical experience that will benefit you in your career.

Tailor your studies to your goals and interests

UB's Master of Science in Artificial Intelligence includes four different areas of specialization that you can mix and match to personalize your experience in the program and best prepare you for the career of your dreams.

These areas of specialty include:

- Robotics and Automation
- Deep Learning and Computer Vision
- Data Sciences and Data Analytics
- Cybersecurity

UNIVERSITY OF BRIDGEPORT

For more information, contact:
800-392-3582
bridgeport.edu/artificialintelligence

Masters of Science in
Artificial Intelligence

Curriculum

The Artificial Intelligence program requires students to complete a total of 34 credit hours prior to graduation. Students may select one or more areas of specialization, in which case, the student will need to take at least three courses in each area(s) selected.

Robotics and Automation courses	
CPSC 460	Introduction to Robotics
CPSC 461	Advanced Robotics
CPEG 585	Computer Vision
CPEG 588	Introduction to Autonomous Vehicles
Data Sciences and Data Analytics courses	
CPSC 552	Data Mining
CPSC 651	Big Data Systems and Analysis
CPSC 652	Hadoop and NoSQL
CPSC 570	Advanced Robotics
Deep Learning and Computer Vision courses	
CPEG 585	Computer Vision
CPEG 586	Deep Learning
CPEG 588	Autonomous Vehicles
CPEG 686	Advanced AI and Deep Learning
Cybersecurity courses	
CPEG 561	Network Security
CPSC 563	Applications Security
CPSC 568	Cryptography
CPSC 571	Internet Computing

View all courses offered and read full course descriptions in our course catalog (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.

Program prerequisites

- Bachelor's degree from an accredited university or recognized international institution
- Recommended cumulative undergraduate GPA of 2.90 or higher

Required materials

- Application, available at **bridgeport.edu/apply**
- Official transcripts for the last degree earned — to be considered for a scholarship, you must submit transcripts from each institution attended
- Two letters of recommendation
- Letters must come directly from employers, professors, or professional associates — your recommenders should comment on your work ethic, academic or professional experience in your field of choice, and how you would positively contribute to the School of Engineering
- Personal statement
- Resumé

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