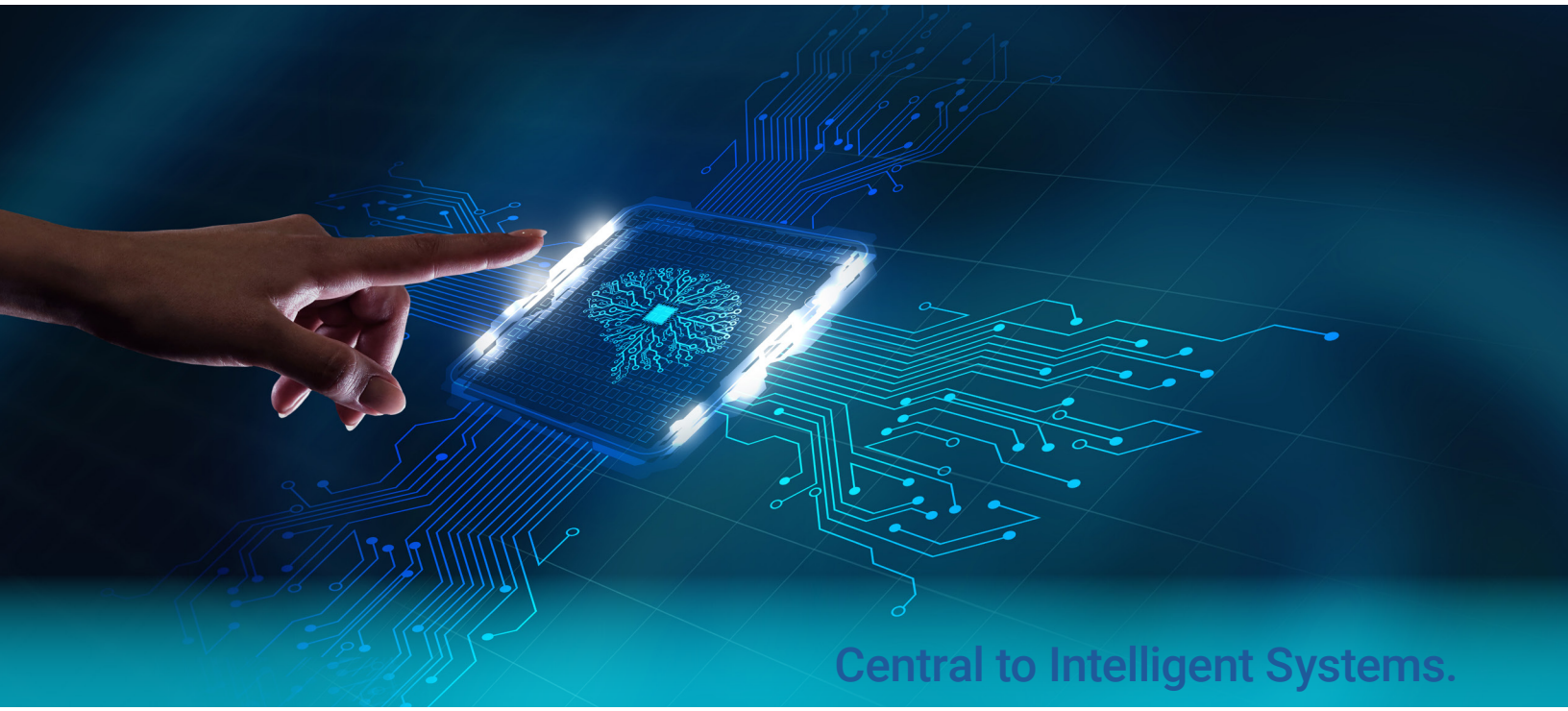
ARTIFICIAL INTELLIGENCE

Master of Science



Central's Master of Science in Artificial Intelligence (AI) equips students with the knowledge and skills to design, develop, and implement intelligent systems. For individuals with a strong computer science background seeking to become leaders in the field of artificial intelligence, our MS prepares graduates for exciting careers in a rapidly growing field. The curriculum balances foundational concepts with practical applications, covering essential topics like knowledge representation and reasoning, machine learning, neural networks, and semantic web. Students specialize their educational journey through electives in areas like deep learning, machine learning for cybersecurity or data mining, generative AI, natural language processing, and intelligent robotics. Students apply their learned skills to a real-world artificial intelligence problem through a capstone or thesis project.

Program Features

- Starts every January and August
- 30 to 32 credits
- Attend full- or part-time
- Small class sizes
- Experienced faculty who bring real-world experience and expertise in areas such as machine learning, cybersecurity, data mining, generative AI, and intelligent robotics
- State-of-the-art lab equipment and facilities
- Newly established Artificial Intelligence Corridor
- Free on-campus childcare
- Financial aid available

CENTRAL CONNECTICUT STATE UNIVERSITY

ccsu.edu/grad | 860.832.2350 | graduateadmissions@ccsu.edu

ARTIFICIAL INTELLIGENCE

Master of Science

What You'll Gain

- Comprehensive understanding of AI principles and techniques
- Ability to design, develop, and implement intelligent systems
- Foundational knowledge to tackle real-world AI challenges
- Hands-on experience with cutting-edge technologies like generative AI, deep learning, and machine learning for cybersecurity and data mining
- Access to robot dogs, a holographic synthetic human, an AI senior design lab, an isolated AI research server
- Critical skills in symbolic and statistical AI, large language models, and semantic web

DID YOU KNOW?

Central's Master of Science in AI is designed to be flexible, accommodating both recent graduates and working professionals, ensuring that students can balance their studies with their personal and professional lives. Additionally, Central's strong industry connections provide students with valuable networking opportunities and potential pathways to internships and employment.

Applying for Admission

For consideration, applicants must hold a bachelor's degree from a regionally accredited institution of higher learning and submit the following:

1. A completed online application (ccsu.edu/apply)

2. Official undergraduate and graduate transcripts from a regionally accredited institution of higher education with a minimum GPA of 2.70 or higher with a minimum 3.00 GPA or higher in any post baccalaureate course work in one of the following degrees:

- Computer Science
- An information technology-related degree with a minimum of 6 relevant computer science courses (May require an extra semester or summer term to satisfy the expected computer science background)
- A STEM degree with a minimum of 5 relevant mathematics and computer science courses. Will require an extra semester to satisfy the expected computer science background.

Official transcripts may be sent directly to the Graduate Recruitment & Admissions Office:

By Mail: Central Connecticut State University
Graduate Recruitment & Admissions Office
1615 Stanley Street
Central Welcome Center
New Britain, CT 06050

By Email: graduateadmissions@ccsu.edu

SCAN ME

ABOUT CENTRAL:
Central Connecticut State University is the largest university within the Connecticut State Colleges and Universities system. Founded in 1849, Central is also the state's oldest publicly funded university. Our campus is located in New Britain, Connecticut. Central is accredited by the New England Commission of Higher Education (NECHE).



03/25

Information is subject to change. Please visit our website or contact graduate admissions for the most up to date information.