

APPLICATION OF ARTIFICIAL INTELLIGENCE

Undergraduate Minor



Central to Embracing Emerging Technologies.

Central's minor in the Application of Artificial Intelligence (AI) equips students with vital skills to help them harness the power of AI in their fields. It bridges the gap between theoretical knowledge and practical application, ensuring students are well-versed in the latest AI technologies and proficient in applying them to solve real-world problems. Students cultivate a comprehensive understanding of ways AI can enhance efficiency and effectiveness in the workplace.

This program integrates AI learning into our discipline-based education to prepare students to emerge as leaders ready to drive innovation. Students develop the ability to leverage AI tools in inventive and ethical ways. They graduate with sought-after tools to navigate an evolving landscape where AI plays a growing role.

Program Features

- 18-credit interdisciplinary program
- Attend classes on-campus and online
- Discipline-based education
- Hands-on facilities
- State-of-the-art labs and equipment
- Opportunities for research projects including building generative AI solutions
- Financial aid available



DID YOU KNOW?

An overwhelming 93% of employers said in a recent Access Partnership survey for Amazon Web Services that they expect to use generative AI in the workplace in five years.



APPLICATION OF ARTIFICIAL INTELLIGENCE

Undergraduate Minor

What You'll Gain

- Skills to apply AI in a variety of workplaces
- Knowledge of ways to leverage AI to enhance efficiency
- Tools to use AI creatively and ethically
- Ability to employ AI to find solutions that fulfill industry needs
- Development of the high standards of integrity, independence, and objectivity
- Critical thinking skills to identify and propose practical solutions
- Experience interacting with colleagues
- Interview techniques to elicit requirements
- Skills to create generative AI solutions
- Leadership skills

Curriculum

Required Courses (12 credits)

- LSC 160: Information Exploration in the AI Era
- MIS 202: Introduction to the Application of Artificial Intelligence

Either/Or

- MIS 310: Contemporary Business Applications Development
- CS 113: Introduction to Computer Programming

Either/Or

- PHIL 242: Ethical Problems in Technology
- PHIL 245: Computer Ethics

Elective Courses (6 credits)

- LING 200: Introduction to Linguistics
- LING 230: The Study of Language
- CS 253: Data Structures & Introduction to Algorithms
- BUS 250: Introduction to Business Analytics & Skills
- ROBO 110: Introduction to Robotics & Mechatronics
- ROBO 280: Embedded Systems Design
- MIS 460: Topics in the Application of AI



DID YOU KNOW?

Gartner's Top Strategic Predictions for 2024 and Beyond reported that generative AI makes people more powerful personally and professionally.



Be prepared for the AI revolution!

**- Michael Gendron, PhD
Program Coordinator**



Program Contact

Dr. Michael Gendron, PhD
Program Coordinator
860.832.3293
gendronm@ccsu.edu



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).

