CSU GLOBAL

Master of Science Degree in

ARTIFICIAL INTELLIGENCE

The Masters of Science in Artificial Intelligence and Machine Learning degree advances knowledge in programming, artificial intelligence, computer vision, and machine learning. Students learn to apply appropriate techniques for data analysis and processing and gain an understanding of principles associated with applying machine learning techniques to various areas in computer science and information technology.

Key Takeaways

- Use principles and techniques associated with software development.
- Apply artificial intelligence principles as needed for a given problem or scenario.
- Apply machine learning principles to solve a specific problem or scenario.
- Develop solutions that are capable of modeling human behavior.
- Implement a solution that combines artificial intelligence and machine learning principles.
- Evaluate the performance of applications in artificial intelligence and machine learning domains.

Career Opportunities

A Master's Degree in Artificial Intelligence and Machine Learning can help advance your career to the next level. This program will prepare you for career advancement as an:

- AI Engineer/Scientist
- Machine Learning Engineer
- Computational Scientist
- Machine Learning Data Developer
- Software Developer
- AI Interaction Designer

Top AI & Machine Learning-Related Job Titles

CSU Global students see a return of $4.90 in higher future earnings and benefits for every dollar invested in their CSU Global education.

AI Engineer/Scientist | Median Pay: $131,490
Software Developer | Median Pay: $127,260
Computer & Information Research Scientists | Median Pay: $136,620
Computer Systems Designer | Median Pay: $93,240

https://www.bls.gov/

ACCREDITATION AND DISTINCTIONS

- #1 ranked Online Artificial Intelligence Degrees by Successful Student
- Top 10 Master's in AI and Machine Learning by Online Schools Guide
- #2 ranked No GRE Master's Programs by Best Master's Programs

30
CREDIT HOURS

100% online
FORMAT

PREREQUISITES REQUIRED

$675 USD
PER CREDIT

More Info | Visit us at **CSUGlobal.edu/paths** or talk to an enrollment counselor by calling 800-920-6723

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Specific Admission Requirements

Students applying for this degree must have taken an advanced course in Discrete Mathematics and an advanced course in Probability and Statistics. Students who do not meet this requirement can seek admission with the program director's approval and will be required to take one or both of the following CSU Global prerequisite coursework or equivalent:

MTH350 Discrete Mathematics
MIS446 Statistics for Data Analytics Using R

To meet prerequisite requirements for admission, students must complete the above coursework within 12 months of starting and maintain a 3.0 GPA. Students should reference the provisional admissions policy in the university catalog for additional admission requirements.

The Master of Science in Artificial Intelligence and Machine Learning program consists of ten 3-credit core courses, listed in the suggested order of completion:

COURSE NUMBER AND TITLE
CSC500 Principles of Programming
CSC501 Management for the Computer Science Professional
CSC502 Ethical Leadership in Software Development
CSC505 Principles of Software Development
CSC506 Design and Analysis of Algorithms
CSC507 Foundations of Operating Systems
CSC510 Foundations of Artificial Intelligence
CSC515 Foundations of Computer Vision
CSC525 Principles of Machine Learning
CSC580 Capstone: Applying Machine Learning and Neural Networks

Note: Some students may be required to take RES500 as part of their program if they have an undergraduate GPA below 3.00. In this case, the degree is 33 credits.