

# MASTER OF ENGINEERING IN THE FIELD OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (STEM, ONLINE)

The master of engineering (MEng) in artificial intelligence and machine learning (AI-ML) program is a comprehensive and advanced academic offering designed to cultivate expertise in the rapidly evolving fields of AI and machine learning. The program ensures a balance of theoretical understanding and practical skills, providing students with a robust foundation in quantitative approaches with a capstone project facilitating the application of acquired knowledge to real-world problems.

This is a STEM designated program.

- Visit the program website (<https://bulletin.gwu.edu/https://online.engineering.gwu.edu/online-master-engineering-artificial-intelligence-and-machine-learning/>) for additional information
- Download a free brochure ([https://online.engineering.gwu.edu/sites/g/files/zaxdzs5816/files/2024-03/me.ai\\_ml.2024.pdf](https://online.engineering.gwu.edu/sites/g/files/zaxdzs5816/files/2024-03/me.ai_ml.2024.pdf))
- Begin your application (<https://online.engineering.gwu.edu/apply/>)

## ADMISSIONS

Requirements Bachelor's degree in engineering, computer science, physical sciences, mathematics, economics, business administration

Applicants with relevant nontechnical degrees may also apply

Minimum grade point average of B- (2.7 on a 4.0 scale) or higher

At least one course in college-level calculus and one course in college-level statistics

GRE score is optional

## REQUIREMENTS

The following requirements must be fulfilled: 30 credits in required courses.

Code	Title	Credits
EMSE 6769	Applied Machine Learning for Engineers	
EMSE 6820	Program and Project Management	
SEAS 6413	Cloud and Big Data Management	
SEAS 6414	Python Applications in Cybersecurity Analytics	
SEAS 6505		

SEAS 6510

SEAS 6515

SEAS 6520

SEAS 6599

SEAS 8550

Privacy and Organizational Issues in Artificial Intelligence