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 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://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)
- 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 Data Analytics	
SEAS 6505	Quantitative Foundations in AI	
SEAS 6510	Natural Language Processing with Deep Learning	
SEAS 6515	Introduction to Computer Vision	
SEAS 6520	Autonomous Systems and Robotics	
SEAS 6599	Artificial Intelligence Capstone Project	
SEAS 8550	AI, Security, Privacy, and Ethics	