PROGRAM OVERVIEW
This online program is a balance of theoretical understanding and practical skills, giving students a foundation in quantitative approaches, machine learning techniques, project management, and open-source intelligence analysis. Students are immersed in a range of topics, including Python for Analytics, Privacy Issues in AI, Cloud and Big Data Management, as well as specialized subjects like Natural Language Processing with Deep Learning and Computer Vision.

FLEXIBLE LEARNING
Courses are offered synchronously and asynchronously. Tests are conducted online. Learn on your schedule.

SAVE MONEY
Tuition is 40% less than on-campus. Plus, any textbook and software you need is included in your tuition.

APPLYING IS EASY
GRE is not required (but can enhance your application) and there are no application fees.

ENHANCE YOUR CAREER
Grow a global network through a top-tier engineering program. Boost your professional potential!

Nationally-ranked program #12 BY U.S. NEWS

• online.engineering.gwu.edu  •  onlineengineer@gwu.edu  •  833-330-1454
Masters of Engineering

Artificial Intelligence & Machine Learning

Curriculum

Each of the 10 courses in the program is three credits, totaling the 30 credit hours required for completion. The program’s online format offers both synchronous and asynchronous options, lets students take multiple courses in a term if they choose, and allows students to start during any session. This format lets students fit their education to their individual needs. Tuition is $1,150 per credit hour for 2023-2024.

Course List

- SEAS 6414 Python for Data Analytics
- EMSE 6769 Machine Learning for Engineers
- SEAS 8550 Privacy and Organizational Issues in AI
- SEAS 6413 Cloud and Big Data Management
- EMSE 6560 Open-Source Intelligence Analysis
- EMSE 6820 Project Management
- SEAS 6505 Quantitative Foundations in AI
- SEAS 6510 Natural Language Processing with Deep Learning
- SEAS 6510 Introduction to Computer Vision
- SEAS 6599 AI Capstone Project

We want to see you succeed

Our office takes care of your course registration and planning. This is just one example of our commitment to supporting you throughout your program. Questions? Let us know!

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