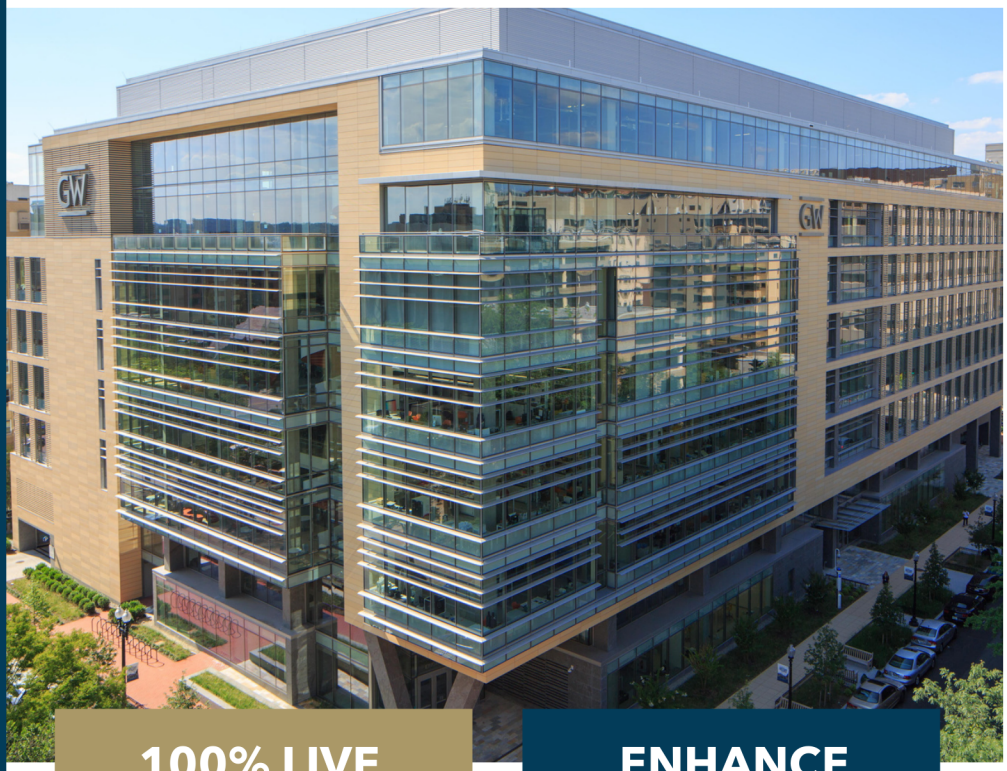
THE GEORGE WASHINGTON UNIVERSITY

WASHINGTON, DC

online.engineering.gwu.edu

DOCTOR OF ENGINEERING

Artificial Intelligence & Machine Learning



PROGRAM OVERVIEW

This research-based, online doctoral degree program aims to prepare graduates for leadership roles in industry and academia. Students learn the latest AI and machine learning techniques, as well as gain hands-on experience applying these techniques to real-world problems. Graduates are equipped for academic research and teaching, or leading AI and machine learning projects in a wide range of industries, including healthcare, finance, and manufacturing.

100% LIVE ONLINE

Get a high-quality GWU Engineering degree wherever you are, delivered by world-class faculty.

ENHANCE YOUR CAREER

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

AFFORDABLE

Tuition is significantly 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 enchance your application) and there are no application fees.

Nationally-ranked program

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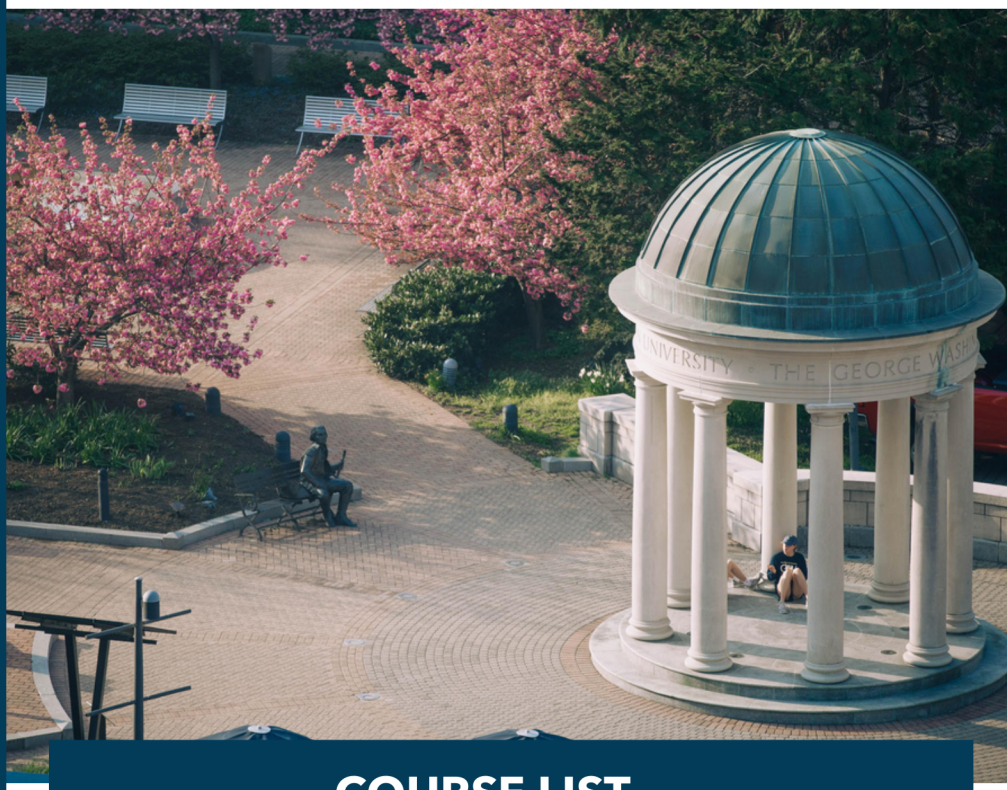

CURRICULUM

The program consists of 24 credit hours of coursework and 24 credit hours of research, totaling the 48 credit hours required for completion. The entire program is offered online and class attendance is required. Tuition is $1,750 per credit hour for 2024-2025.

COURSE LIST

- SEAS 6414 Python Application for Data Analytics
- SEAS 8500 Fundamentals of AI-Enabled Systems
- SEAS 8505 Applied MI and Reinforcement Learning
- SEAS 8510 Analytical Methods for Machine Learning
- SEAS 8515 Data Engineering for AI
- SEAS 8520 Deep Learning and Natural Language Processing
- SEAS 8525 Computer Vision and Generative AI
- SEAS 8599 Praxis Development for AI & ML
- SEAS 8588 Praxis Research for D.Eng. in AI & ML

We want to see you **SUCCEED**

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

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