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.

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.

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

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

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

online.engineering.gwu.edu  onlineengineer@gwu.edu  833-330-1454
The program consists of 24 credit hours of coursework and 24 credit hours of research, totaling the 48 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 $1,750 per credit hour for 2023-2024.

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

We want to see you succeed!

online.engineering.gwu.edu  onlineengineer@gwu.edu  833-330-1454