

GRADUATE CERTIFICATE IN ARTIFICIAL INTELLIGENCE ENGINEERING (ONLINE)

OVERVIEW

The online graduate certificate in artificial intelligence engineering is designed to introduce working professionals to the field of artificial intelligence. The certificate provides an overview of AI and machine learning theoretical background, data requirements, and law and ethical implications.

ADMISSIONS

Admissions will be considered 5 times per year following the online schedule for Fall 1, Fall 2, Spring 1, Spring 2 and Summer admissions. The following are the admissions requirements:

- Completed GW Online Engineering application for graduate admission
- Bachelor's in engineering, applied science, mathematics, computer science, information technology or related field from accredited institutions
- TOEFL, IELTS, or PTE scores are required of all applicants who are not citizens of countries where English is the official language. Check our International Students Page to learn about the SEAS English language requirements and exemption policy. Test scores may not be more than two years old. Please visit: <https://graduate.engineering.gwu.edu/international-admissions>

- Up-to-date resume.

REQUIREMENTS

The following requirements must be fulfilled: 18 credits in required courses.

Code	Title	Credits
Required		
ECE 6210	Machine Intelligence	
SEAS 6413	Cloud and Big Data Management	
SEAS 6414	Python Applications in Data Analytics	
SEAS 6505	Quantitative Foundations in AI	
SEAS 6525	Secure and Trustworthy AI	
SEAS 8550	Artificial Intelligence Law and Ethics	