

DOCTOR OF ENGINEERING IN THE FIELD OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (STEM, ONLINE)

The online doctor of engineering (DEng) in artificial intelligence and machine learning (ML) is a research-based doctoral program designed to provide graduates with a solid understanding of the latest AI-ML techniques, as well as hands-on experience in applying these techniques to real-world problems.

This is a STEM designated program.

REQUIREMENTS

The following requirements must be fulfilled: 48 credits, including 24 credits in required courses and 24 credits in research (Praxis).

Code	Title	Credits
Required		
Coursework phase		
SEAS 6414	Python Applications in Data Analytics	
SEAS 8500	Fundamentals of AI-Enabled Systems	
SEAS 8505	Applied Machine Intelligence and Reinforcement Learning	
SEAS 8510	Analytical Methods for Machine Learning	
SEAS 8515	Data Engineering for Artificial Intelligence	
SEAS 8520	Deep Learning and Natural Language Processing	
SEAS 8525	Computer Vision and Generative AI	
SEAS 8599	Praxis Development for Artificial Intelligence	
Research phase		
SEAS 8588	Praxis Research for Doctor of Engineering in Artificial Intelligence and Machine Learning (taken for a total of 24 credits)	