

Artificial Intelligence in Learning, Graduate Certificate (Online)

The Graduate Certificate in Artificial Intelligence in Learning bridges the gap between learning theory and AI use in educational contexts. There is substantial demand for educators and learning professionals skilled in using AI to enhance learning opportunities, yet few programs focus on the theoretical foundations of learning with an intentional focus on AI. This certificate is designed to meet this need by equipping educators, instructional designers, learning experience designers, corporate trainers, educational technologists, and entrepreneurs with the theoretical foundations of learning and instructional theories needed to truly harness the power of AI. Students have an opportunity to apply learning principles using generative AI to create unique and innovative learning opportunities that can be applied across K-12, higher education, corporate training and development, educational technology, and entrepreneurial ventures.

The program's approach focuses on learning theories, memory, the development of expertise, and instructional theory with hands-on application of generative AI. This framework enables graduates to design, implement, and evaluate AI-driven learning solutions that are both effective, theoretically sound, and grounded in best practices from learning research.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Required Courses

Code	Title	Hours
EDU 6609	How People Learn	3
EDU 7815	Learning and AI: Theory, Ethics, Implementation	3
Complete 6 semester hours from the following:		6
EDU 6649	Data Literacy	
EDU 6715	Experiential Learning Theory and Practice	
One 3-semester-hour course in consultation with the faculty advisor		

Program Credit/GPA Requirements

12 total semester hours required
Minimum 3.000 GPA required