Deep Learning and Generative AI Graduate Certificate

This certificate program equips both working professionals and recent graduates with specialized knowledge in generative artificial intelligence. Students gain hands-on experience in designing and implementing AI models that can create text, images, and videos, preparing them for a range of high-demand roles across multiple sectors. The 12 credit hour program covers deep learning, machine learning, and the latest in AI innovation. Open to all qualified applicants, including industry professionals, this program is an excellent opportunity to advance in the rapidly evolving AI field. Participants learn not only to select and apply AI components effectively but also gain a robust understanding of the underlying mechanisms that drive AI models.

Program Requirements

Code	Title	Credit Hours
Required Courses		
CSE 532	Machine Learning	3
CSE 533	Deep Learning	3
CSE 534	Generative Artificial Intelligence	3
Electives		
Select one of the following:		3
CSE 586	Introduction to Artificial Intelligence	
CSE 588	Image Processing & Computer Vision	
CSE 627	Advanced Machine Learning	
Total Credit Hours		**12**