

NVIDIA Gen AI Large Language Model Certification Exam Training Plan and Customized Registration

Training Plan

The following courses are recommended for candidates preparing to take the NVIDIA Gen AI Large Language Models certification:

Course Title	Duration (hrs)	Mode	Price (USD)
NVIDIA Generative AI Explained Learn Generative AI concepts, applications, as well as the challenges and opportunities in this exciting field.	2	On Demand	\$0
NVIDIA Getting Started with Deep Learning Learn how deep learning works through hands-on exercises in computer vision and natural language processing. You'll train deep learning models from scratch, learning tools and tricks to achieve highly accurate results. You'll also learn to leverage freely available, state-of-the-art pre-trained models to save time and get your deep learning application up and running quickly.	8	On Demand	\$148
NVIDIA Accelerating End-to-End Data Science Workflows Developers will learn how to build and execute end-to-end GPU accelerated data science workflows that enable them to quickly explore, iterate, and get their work into production. Using the RAPIDS accelerated data science libraries, developers will apply a wide variety of GPU-accelerated machine learning algorithms, including XGBoost, cuGRAPH's single-source shortest path, and cuML's KNN, DBSCAN, and logistic regression to perform data analysis at scale.	6	On Demand	\$148
NVIDIA Introduction to Transformer-based Natural Language Processing Learn how Transformers are used as the building blocks of modern large language models (LLMs), then you'll use these transformer based models for various NLP tasks, including text classification, named-entity recognition (NER), author attribution, and question answering.	6	On Demand	\$49
NVIDIA Prompt Engineering with LLaMa - 2 Learn to iteratively write precise prompts to bring LLM behavior in line with your intentions; leverage editing the powerful system message; guide LLMs with one-to-many shot prompt engineering; incorporate prompt-response history into the LLM context to create chatbot behavior.	3	On Demand	\$49
NVIDIA Augmenting your LLM using Retrieval Augmented Generation This course introduces a workflow that we believe is representative of where you should start. It will save you time in having to try and go through all the permutations and decisions you would otherwise make about vector databases, embedding models, and LLMs. In this introduction we provide a starting point using components we at NVIDIA have used internally including popular Open Source Software frameworks.	1	On Demand	\$49

<p>NVIDIA Building RAG Agents with LLMs</p> <p>The learning journey encompasses the composition of LLM systems, fostering predictable interactions through a blend of internal and external reasoning components. The course emphasizes the creation of robust dialog management and document reasoning systems that not only maintain state but also structure information in easily digestible formats. A key component of our exploration will be the use of embedding models, which are essential for executing efficient similarity queries, enhancing content retrieval, and establishing dialog guardrails. Furthermore, we will tackle the implementation and modularization of retrieval-augmented generation (RAG) agents, which are adept at navigating research papers to provide answers without the need for fine-tuning.</p>	8	On Demand	\$148
<p>NVIDIA Generative AI with Diffusion Models</p> <p>Learn to build a U-Net to generate images from pure noise; improve the quality of generated images with the denoising diffusion process; control the image output with context embeddings; generate images from English text prompts using the Contrastive Language—Image Pretraining (CLIP) neural network</p>	8	On Demand	\$148
<p>NVIDIA Rapid Application Development using LLMs</p> <p>Gain a strong understanding and practical knowledge of LLM application development by exploring the open-sourced ecosystem including pretrained LLMs, enabling you to get started quickly in developing LLM-based applications.</p>	8	Virtual Class	\$826
<p>NVIDIA Efficient Large Language Model (LLM) Customizations</p> <p>Apply parameter-efficient fine-tuning techniques with limited data to accomplish tasks specific to your use cases; use LLMs to create synthetic data in the service of fine-tuning smaller LLMs to perform a desired task; drive down model size requirements through a virtuous cycle of combining synthetic data generation and model customization; build a generative application composed of multiple customized models you generate data for and create throughout the workshop.</p>	8	Virtual Class	\$826
NVIDIA Exam Voucher			
NVIDIA Gen AI LLM Certification Exam Voucher	1	-	\$225
NVIDIA Gen AI and LLM Package			
	59		\$2,600 2,600 Training Credits

Customized Registration Process

[Connect with a Dell Learning training consultant](#) to begin your registration process.