

ONLINE MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE

The online Master of Science in Artificial Intelligence from DigiPen Institute of Technology prepares technical professionals to move beyond using AI tools and learn how to design, build, evaluate, and deploy intelligent systems.

Built on DigiPen's applied computing heritage, this program emphasizes collaborative real-life work experiences that mirror how AI systems are developed in real-world environments. Learn to frame problems, work with data, develop machine learning models, and evaluate system performance while documenting results in ways that translate to professional practice.

Program Benefits

Grow practical AI development skills

through a curriculum focused on building, evaluating, and deploying machine learning and artificial intelligence systems rather than only studying theory.

Graduate with portfolio-ready artifacts

including models, technical documentation, and project deliverables — that demonstrate applied AI capability to employers.

Build real-world collaboration experience

through team-based projects that simulate modern AI development workflows, including problem definition, pipeline management, model evaluation, and performance validation.

Study within DigiPen's applied computing environment, which emphasizes development and technical problem-solving.

Complete the program while continuing to work through a flexible, fully online format designed for working professionals.

PROGRAM STRUCTURE

- 30 credits
- 100% online, asynchronous courses
- Designed for completion in as few as five semesters
- Three start terms per year: fall, spring, or summer

Admissions Requirements

To be considered for admission, you should meet the following baseline requirements:

- Bachelor's degree from an accredited institution
- **Completed application**
 - Resume
 - Optional statement of purpose describing your interest in graduate study in artificial intelligence
 - Academic transcripts
 - Optional GRE

Unofficial transcripts may be used for admissions decision-making. Accepted students will be required to submit official transcripts prior to enrollment.

English language proficiency documentation may be required for applicants whose academic background was completed in a language other than English.

Tuition

The online MS in Artificial Intelligence offers a transparent, per-credit tuition structure.

Online MS in Artificial Intelligence	2026-2027 Academic Year
Cost per Credit Hour	\$1,666

Tuition listed does not include additional fees or educational materials. Program costs are subject to change annually.

The Curriculum

The online Master of Science in Artificial Intelligence consists of 30 total credits. Students follow a structured course sequence, progressing from foundational coursework to advanced AI topics, culminating in a capstone experience where they design, build, and evaluate real-world AI systems.

All courses are 3 credits each, except for the capstone course, which is 6 credits.

FOUNDATION COURSES

- CS 5000 Data Structures and Algorithms
- CS 5002 Python Programming for Data Analysis

ADVANCED AI COURSES

- CS 5220 Large Language Models I
- CS 5221 Advanced AI Systems

PROGRAM COURSES

- CS 5200 Artificial Intelligence and Machine Learning I
- CS 5201 Data Visualization
- CS 5210 Neural Networks
- CS 5211 AI-Based Data Analysis

CAPSTONE EXPERIENCE

- CS 5010 Capstone Project

BUILD REAL AI SYSTEMS

The online MS in Artificial Intelligence is designed for developers, engineers, and technical professionals who want to gain practical experience building intelligent systems and demonstrate applied AI capability.

To learn more about the program, [schedule a call](#) with an admissions outreach advisor.