Master of Science

Applied Artificial Intelligence

Rivier UNIVERSITY

Harness the transformative power of AI to solve real-world problems, responsibly and effectively.

Become a leader in the evolving tech landscape and drive innovation with Rivier's M.S. in Applied Artificial Intelligence.

Rivier's Master of Science degree program in Applied Artificial Intelligence prepares students to design, develop, and deploy AI solutions across diverse industries. With this master's degree, you will gain foundational AI principles with practical applications, focusing on machine learning, natural language processing, computer vision, and data-driven decision-making.

Students will gain hands-on experience with modern AI tools and frameworks such as TensorFlow, PyTorch, and OpenAI. Students will explore topics such as ethical AI, model explainability, and generative technologies while developing intelligent, responsible AI solutions to address real-world challenges.

Course Format
On campus or online

30 Credits
to complete program

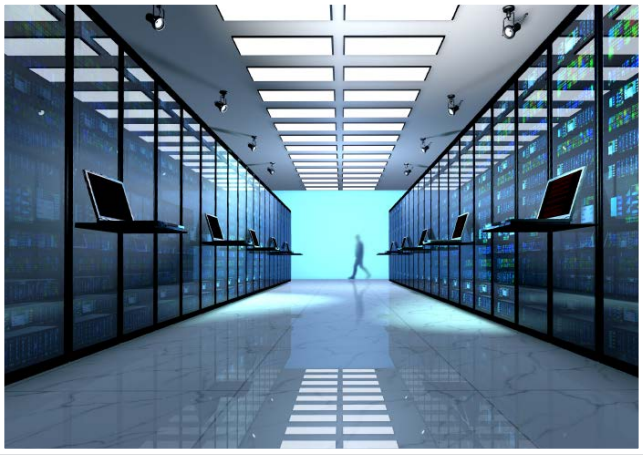
2 Years
estimated program length

Choose Rivier

This program provides strong foundational knowledge and hands-on learning that build on your existing skill sets and confidence in AI. Rivier's program combines theory with significant practical experience that will give you an edge in meeting the demands of the high-tech workplace. Located in Nashua, N.H., at the heart of a high-tech hub, Rivier offers students a strategic advantage through its proximity to leading industries and innovation.

Where Will Your Degree Take You?

Rivier's M.S. in Applied Artificial Intelligence program prepares graduates for a wide range of highly in-demand and emerging roles, including machine learning engineers, data scientists, AI software developers, robotics programmers, and AI research analysts. With a focus on AI concepts and practical skills, graduates will be fully prepared for today's evolving AI landscape.



Course of Study

REQUIRED COURSES

COMP 545	Artificial Intelligence & Machine Learning
COMP 549	Robotics
COMP 560	Python Programming
COMP 616	Data Mining
COMP 664	Knowledge-Based Systems
COMP 670	Big Data
COMP 671	Deep Learning
COMP 672	Speech and Language Processing
COMP 688	Applied AI Capstone Project

RECOMMENDED ELECTIVES

Select two of the following:

COMP 610	Database Management Systems
COMP 697	Advanced Internship
COMP 698	Professional Internship

The University reserves the right to make changes when appropriate and necessary as needed without notification. (0825)

M.S. Program Start Dates

Six term starts per year allow you to begin your program in September, October, January, March, May, or July. Completed applications are reviewed as they are received throughout the year.

Accreditation

Rivier University is accredited by the New England Commission of Higher Education (NECHE).

Business courses within this degree are accredited by the Accreditation Council for Business Schools and Programs (ACBSP, 11520 West 119th Street, Overland Park, KS 66213, (913) 339-9356, www.acbsp.org.)

Apply Today

1. Submit your application online at ***rivier.edu/apply***. There is no application fee.
2. Review and complete the application process at ***rivier.edu/gradadmissions***.
3. International student admission requirements are detailed at ***rivier.edu/international***.

Quick Links

Ask a Question
admissions@rivier.edu

Talk to an Admissions Counselor
rivier.edu/team

Schedule a Visit
events.rivier.edu

Tuition & Fees
rivier.edu/tuition