# MASTER OF SCIENCE
## APPLIED ARTIFICIAL INTELLIGENCE

# Advance your career with purpose-driven AI

The **M.S. in Applied Artificial Intelligence** at Regis University prepares students to become strategic leaders in AI by equipping them with the knowledge and tools to formulate, articulate and implement AI strategies tailored to the organizations they serve. Rather than focusing solely on model development, the program trains students to assess organizational readiness, identify high impact uses cases and align AI initiatives with core business or mission objectives across sectors such as business, health care and public policy.

## QUICK FACTS

- **Flexible:** Program can be completed in 1-2 years
- **Convenient:** Hybrid 8-week courses designed to fit your busy schedule
- **Relevant:** Gain skills in AI, machine learning, data analysis, NLP, AI ethics and more
- **Networking:** Enjoy access to valuable connections, partnerships and memberships
- **Scholar Practitioner Model:** Expert faculty with years of professional experience

**$1.3 TRILLION**
investment in AI by 2030[1]

**$85,000+**
Entry-level salary for AI professionals[2]

**20-50 MILLION**
New AI-related jobs by 2030[3]

[1] Forbes Advisor, 2025
[2] Industry salary benchmarks (e.g. Glassdoor, PayScale)
[3] McKinsey

## PROGRAM FORMAT

- **Online:** Asynchronously online, 8-week terms
- **On Campus:** Synchronous on-campus, 8-week terms
  **Start Dates:** January and August
- **Total Credit Hours:** 30

## Awards

**#1** Best Online Colleges in Colorado, intelligent.com, 2024

**#1** Best Colorado Online Colleges, forbes.com, 2024

**#1** Private College in Colorado with Best ROI, stacker.com, 2023

COLLEGES OF
**EQUITY & INCLUSION**
2024 — 2025
DISTINCTION

COLLEGES OF
**MILITARY SUPPORT**
2024 — 2025
DISTINCTION

### AI IS HERE TO STAY — NOW WHAT?
As generative AI tools like ChatGPT become more accessible and widely used, Regis University experts are weighing the benefits and ethical concerns that come with them. From the classroom to the boardroom, Regis faculty and alumni explore how AI is shaping education, creativity and the future of human decision-making — and why a critical, values-driven approach matters more than ever.

## REGIS UNIVERSITY

**REGIS.EDU/ANDERSON**

# Program Overview

Anchored in Regis' Jesuit values, the program emphasizes ethical and socially responsible AI strategy, enabling graduates to proactively address issues like bias, privacy and fairness in their decision-making processes. With AI-related roles projected to grow by 40% by 2030*, the program offers a timely opportunity to gain a competitive advantage. Delivered in a flexible hybrid format with accelerated 8-week courses taught by expert faculty, the curriculum is aligned with real-world scenarios, empowering professionals to drive responsible AI transformation and lead strategic innovation within their organization.

*World Economic Forum, Future of Jobs Report 2023

# Sample Courses

**MSAI 601 Foundations of Artificial Intelligence**
Explore the history and evolution of AI, emphasizing intelligent agents, search algorithms and problem-solving techniques. Learn fundamental AI programming skills, as you prepare for a more in-depth exploration of advanced AI methodologies.

**MSAI 606 Advanced Techniques in Model Fine-tuning**
Discover methods for adapting pre-trained large language models (LLMs) to specific industries or domains, as you develop strategies for evaluating and optimizing model performance to improve accuracy and efficiency for customized AI solutions.

**MSAI 609 AI in Business and Industry Applications**
Investigate how AI is integrated into various sectors, including finance and logistics, while upholding Jesuit values of ethical decision-making and service to the common good. Through cases studies and practical projects, you'll learn how to design AI solutions that enhance business processes, promote fairness and positively impact society.

**TOTAL: 30 CREDIT HOURS**

**SCAN CODE TO SEE FULL COURSE DESCRIPTIONS AND ACADEMIC REQUIREMENTS**

# Ready to Apply?

**GAIN IN-DEMAND SKILLS**
- AI and machine learning fundamentals
- Data analysis and visualization
- Natural language programming (NLP)
- AI ethics and responsible use
- Predictive modeling

**REQUIREMENTS AND DEADLINES:**
- Online application
- Official degree-bearing transcripts
- Resume
- Relevant work experience or bachelor's degree

**TUITION AND FINANCIAL AID**
For cost of attendance, please visit **regis.edu/cost**. For questions, please contact our financial aid office at **800.568.8932** and **rufinancialaid@regis.edu**

See our educational benefits and funding options for active duty military members or veterans at **regis.edu/preferred-military**

# Get Started

## Questions?
Our admissions team can help you choose the program that fits your goals, find options that save time and money, and help you through your online application.

## Contact
ruadmissions@regis.edu
800.944.7667

## Apply Today
regis.edu/apply