

BUILDING AI

to work better for all

Students who major in AI at Miami University learn to design, improve, and apply systems that help people solve real-world problems, together.



AI is more than the tools you use. It's the technology behind them — and the human judgment that shapes how they serve the world.

Undergraduate students Maria Kunigk-Bakalar and Gunnar Von Bergen (pictured on left) work directly with Yang Zhang, Ph.D., on cutting-edge research on how AI can be used to significantly improve data compression.

What does it mean to major in AI at Miami?

At Miami, you'll learn what happens behind the tools: how AI systems use data, algorithms, models, and machine learning to recognize patterns, generate content, make predictions, and support decisions.

Build the foundation

Computing, programming, data structures, algorithms, and mathematics.

Go deeper into AI

Machine learning, deep learning, generative AI, and artificial intelligence.

Apply it with purpose

Solve problems with ethical reasoning, communication, critical thinking, and collaboration.

Explore the B.S. in Artificial Intelligence:



MiamiOH.edu/AI

A technical degree with a human-centered edge

Build AI knowledge, connect it to real-world applications, and develop the judgment to create technology that works better for people.

Learn the core of AI

The program combines computing, mathematics, and specialized AI coursework.

- Data Structures
- Algorithms
- Introduction to AI
- Machine Learning
- Deep Learning
- Generative AI

Pair AI with an application area

Students customize the degree by connecting AI with a field aligned to their interests and career goals.

- Cybersecurity
- Quantum Computing
- Philosophy
- Statistics
- Education, Health, and Society
- Systems
- Software Engineering
- Emerging Technologies

Practice solving real problems — together

- Senior design projects
- Undergraduate research
- Internships
- Industry and community engagement
- Faculty mentorship
- Student organizations

THE MIAMI ADVANTAGE

Technical AI preparation plus the human skills (communication, collaboration, ethical reasoning, and critical thinking) needed to make AI work for people.

WHERE CAN AN AI DEGREE TAKE YOU?

Emerging roles...

- AI Engineer
- AI Developer
- Machine Learning Engineer
- Data Scientist
- AI Researcher
- Applied AI Professional
- Technologist

...across industries

- Healthcare
- Manufacturing
- Finance
- Education
- Cybersecurity
- Technology

PROGRAM QUICK FACTS

Degree:

B.S. in Artificial Intelligence

Campus:

Oxford

Length:

4 years

Total credits:

124

Build what's next with Miami.

MiamiOH.edu/AI