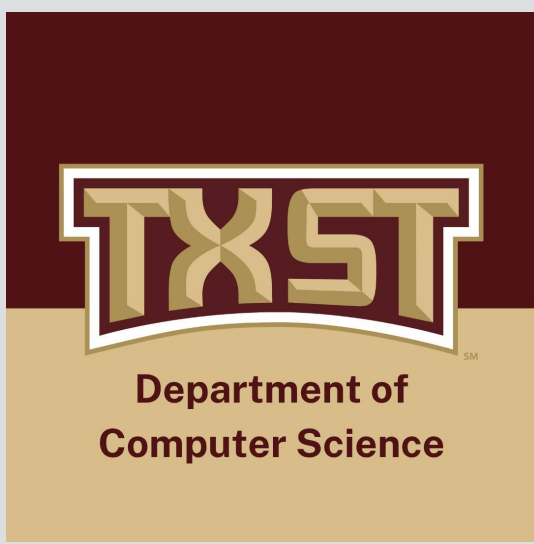




Master of Science in Artificial Intelligence

Department of Computer Science
Texas State University, San Marcos, TX



Why Study AI at Texas State?

The Master of Science in Artificial Intelligence at Texas State University offers an advanced curriculum focused on generative AI, machine learning, neural networks, data analytics, and ethical AI applications. Designed to blend theoretical knowledge with practical skills, our program prepares graduates for cutting-edge roles in diverse industries, fostering innovation and leadership in the rapidly evolving AI landscape.



Figure 1:Join a vibrant and successful student community.

A Hub for Innovation

Coming in Fall 2026, the Department of Computer Science will be housed in a new, state-of-the-art STEM building. This \$137 million, eight-story facility is designed to foster innovation and collaboration, providing students with access to modern classrooms, advanced research labs, and collaborative learning spaces.



Figure 2:Exterior rendering and interior view of the new STEM Building.

Career Outlook

The U.S. Bureau of Labor Statistics projects a **26% growth** for AI specialists and computer and information research scientists. In Texas, major tech hubs like Austin, Dallas, and Houston have a surging demand for AI professionals in tech, healthcare, finance, and manufacturing sectors. Our program is your gateway to these exciting opportunities.

Program Highlights

Our 30-credit hour program is designed for completion in as little as 1.5 to 2 years, providing a fast track to your career in AI. The curriculum structure is:

- **4 Core Courses** providing a strong foundation.
- **4 AI-Related Electives** to tailor your specialization.
- **2 Open Electives** from the graduate CS curriculum for interdisciplinary exploration.

Students will also benefit from dedicated resources, including a new multi-GPU server for high-performance computing tasks and cloud credits for hands-on experience with industry-standard platforms.

Cutting-Edge Curriculum

Our curriculum includes a blend of existing departmental strengths and four new courses developed specifically for the MS in AI program.

Core Courses Include:

- **CS5315:** Responsible and Trustworthy AI (*New*)
- **CS5329:** Algorithm Design and Analysis
- **CS5346:** Advanced Artificial Intelligence
- **CS5369L:** Machine Learning and Applications

Exciting AI Electives:

- **CS5325:** Reinforcement Learning (*New*)
- **CS5342:** Robotics and Autonomous Systems (*New*)
- **CS5361:** Generative Artificial Intelligence (*New*)
- **CS7311:** Data-Driven Computational Methods and Infrastructure
- **CS7323:** Image Processing and Computer Vision
- **CS7389H:** Deep Learning
- **CS7389J:** Advanced Natural Language Processing
- **CS7389F:** Secure Cyber-Physical Systems: Cryptography and Machine Learning

Research Excellence

Our faculty are actively engaged in cutting-edge research in areas including:

- Computer Vision
- Natural Language Processing (NLP)
- Robotics
- Machine Learning & Deep Learning

We are expanding our expertise with new faculty hires in **Ethical AI** and **Generative AI**, ensuring our program remains at the forefront of the field.

Join the Future of AI at TXST

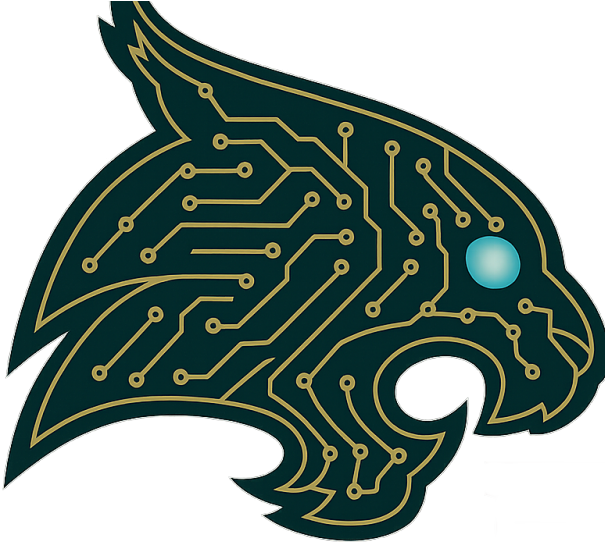
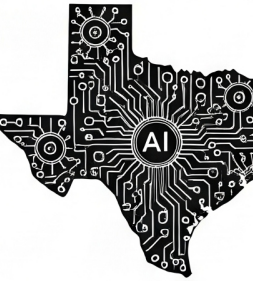
Texas State University is committed to developing the next generation of leaders in Artificial Intelligence. Our program provides the skills, knowledge, and hands-on experience you need to succeed.



JOIN THE FUTURE OF AI

TEXAS STATE UNIVERSITY
COMPUTER SCIENCE

cs.txst.edu/masters-ai



MASTER'S IN AI

WHERE BOBCATS GET SMARTER

Your Gateway to AI in the Texas Innovation Corridor

Texas State University is strategically located at the heart of the Austin-San Marcos tech hub, home to global giants like Apple, Tesla, and Dell, and a vibrant startup ecosystem. Our program is designed to be your direct entry point into this world of opportunity.

A Program Designed for All Innovators

We believe the future of AI will be built by people from diverse backgrounds. Whether you are a seasoned programmer or new to the field, we have a path for you.

- **For Applicants with a CS or related degree:** You can dive directly into our advanced AI curriculum.
- **For Applicants from other disciplines:** Our unique **Pathways Program** will provide you with the essential programming, mathematics, and data structures foundations needed for success in the Master's program.

Connect With Us!

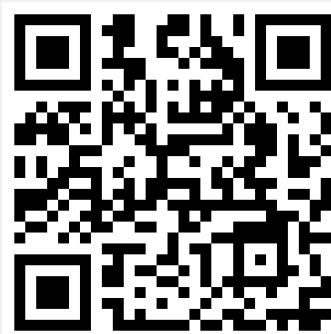
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Learn More and Apply

For full details, admission requirements, and to start your application, scan the code or visit our website.



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