

UNDERGRADUATE CERTIFICATE IN AI LITERACY

Web Site: <https://twu.edu/english-rhetoric-spanish/undergraduate-program/>

The Undergraduate Certificate in AI Literacy equips students from any major with a fundamental understanding of artificial intelligence technologies and their impact on society, along with practical skills to ethically apply AI in various contexts. Rooted in TWU's mission of empowering leaders and aligned with our liberal arts tradition, this interdisciplinary program helps students become critical and informed consumers of AI and its effects on communities and global systems rather than just passive users.

Students in the AI Literacy certificate will explore core concepts of AI in accessible terms, learning how these technologies work and what their limitations are. They will examine the societal and ethical implications of AI – for example, issues of bias, privacy, the future of work, and environmental impacts – to develop a well-rounded perspective on intelligent technologies. The curriculum emphasizes critical thinking and communication, ensuring that graduates can not only use AI tools, but also analyze and discuss their outcomes responsibly. Through a combination of existing courses (enhanced with AI-focused projects) and a new culminating seminar course, students gain hands-on experience with AI applications while reflecting on broader questions like: How can AI be used to solve real-world problems?

A distinctive feature of TWU's program is its culminating course, ENG 4383 "Fostering Critical AI Literacy." In this course, students synthesize what they have learned by undertaking a project or research paper that addresses an AI-related challenge in their field of interest (for instance, developing a lesson plan that integrates an AI tool for education majors, or analyzing how an AI application could improve patient outcomes for health studies majors). This culminating project serves as both an assessment of their learning and a showcase of their ability to apply AI literacy in practice.

The certificate is designed to be completed alongside a student's major and requires no prior computer science background. All courses are offered on the Denton campus in face-to-face or hybrid formats. Students can finish the program in as little as one year (with careful planning), or spread the courses out over their undergraduate career. There are no additional fees for this program beyond normal tuition; it is an accessible pathway for all interested students to enhance their degree.