COLLEGE OF ENGINEERNG AND TECHNOLOGY

COMPUTER SCIENCE DEPARTMENT

Graduate Certificate in Artificial Intelligence

The Graduate Certificate in Artificial Intelligence provides fundamental and advanced skills in the principles, algorithms and technologies that enable AI and cybersecurity. Classes are in-person at the Orem, UT campus (4:00 p.m. or later).

Catalog year 2026-2027

REQUIRED COURSES 12 Credits		
COURSE NO	COURSE TITLE	CREDITS
CS 6150	Advanced Algorithms	3.0
CS 6460	Artificial Intelligence	3.0
CS 6470	Machine Learning	3.0
CS 6480	Deep Learning	3.0
ELECTIVE COURSES 6 Credits		
Pick 2 courses:		
CS 6150	Database Management System Construction	3.0
CS 6200	Cyberphysical Security	3.0
CS 6300	Software Engineering Leadership	3.0
CS 6400	Modern Databases	3.0
CS 6620	Advanced Data Mining and Visualization	3.0
CS 6500	Software Architecture	3.0
CS 6620	Advanced Data Mining and Visualization	3.0
CS 6510	Design and Simulation of Operating Systems	3.0
CS 6730	Advanced Embedded Systems	3.0
CS 6800	Computer Graphics and Mixed Realities	3.0
	Total Credits	**18**

GRADUATION REQUIREMENTS:

1. Completion of all courses with a grade of B- or better.
2. Overall average GPA for 18 hours of 3.0 or higher
3. A maximum of 6 credit hours transferred from another institution may be used to satisfy graduation requirements. At least two-thirds of the courses applied to the graduate certificate must be taken at UVU.

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ADMISSION REQUIREMENTS FOR THE GRADUATE CERTIFICATE IN ARTIFICIAL INTELLIGENCE

1. Complete online application

2. Pay Application Fee

3. Request official transcripts (other than UVU transcripts) to be sent to **etranscriptr@uvu.edu**. Transcripts will be evaluated based on cumulative GPA or last 60 semester credits. **To be considered official**, transcripts must be submitted to UVU directly from a college or university. International transcripts must be evaluated by an approved foreign credential-evaluating company. See UVU Transfer for directions. International applicants must also submit the Affidavit of Support.

4. International applicants whose native language is not English must have a TOEFL score of 4.5 (90) iBT or higher, or an IELTS band score of 6.0 or higher within the past two years.

    - What we are looking for:
        - A bachelor's degree from a regionally accredited college/university
        - An overall grade point average of 3.0 or higher on a 4.0 scale.
        - Previous completion of Introduction to Algorithms and Data Structures (CS 2420 or equivalent)
        - Recommended courses to complete prior to applying are Linear Algebra (MATH 2270 or equivalent) and Statistics and Probability (STAT 2050 or equivalent).

2. If you have any questions, contact the SCET Graduate Program Coordinator Julie Marr – Julie.Marr@uvu.edu

3. Please note that if you are admitted to the Master of Computer Science or another graduate program at UVU, you do not need to apply for the Graduate Certificate in Artificial Intelligence. Contact Julie.Marr@uvu.edu to express your interest and the certificate program may be added to your student record.