CATALOG TERM: 2026-2027 **TOTAL UNITS REQUIRED = 21-26**

ARTIFICIAL INTELLIGENCE MINOR

- This worksheet is intended for supplemental use only. The University will use your Academic Requirements Report (ARR) to track your graduation requirements, including those for your minor. Please continue to check your ARR for accuracy. If your ARR requires a correction, please submit an ARR Correction Form.
- Your Degree Planner will display the following requirements in the University's recommended sequence.
- The minor must contain at least 6 units beyond those used for major requirements and other minors (APC 265-03). All courses used for the minor and preparation for the minor must be completed with a grade of C (2.0) or higher.
- All non-articulated courses MUST be reviewed and approved by a faculty advisor.

MINOR REQUIREMENTS (21-26 UNITS)

Core Coursework (15-19 units)

✔	Course	Units
☐	AI 101: Critical Thinking and Artificial Intelligence	3

Select one of the following programming courses:

AI 270: Programming for Artificial Intelligence (*AI 101)
CS 311: Data Structures and Algorithms (^MATH 270 or 350)

✔	Course	Units
☐		3

Select one of the following mathematics options:

MATH 315: Finite Mathematics (3) (*GE Area 2)
OR
One course from Category A and one course from Category B:

A MATH 142: Basic Statistics (3) (*MATH 101, 103, 105 or MATH Category 1 or 2)
MATH 242: Introduction to Statistics (3) (*MATH 105 or MATH Category 1 or 2)
MATH 342: Probability/Statistics for Engineers/Scientists (3) (*CS 111 and MATH 260 or 260A)
MATH 441: Introduction to Probability (3) (*MATH 260)
BIOL 215: Experimental Design and Statistical Analysis (4)

B MATH 264: Introduction to Linear Algebra (3) (*MATH 162)
MATH 374: Linear Algebra (3) (*MATH 160)

✔	Course	Units
☐		3-4
☐		0-3

Select one of the following core courses:

AI 330: AI Fundamentals (*[AI 270 or CS 311] and [MATH 315 or (MATH 142, 242, 342, 441, BIOL 215 and MATH 364 or 374)])
CS 471: Introduction to Artificial Intelligence (*CS 311 and either MATH 242, 342, 441 or 442)

✔	Course	Units
☐		3

✔	Course	Units
☐	AI 478/CS 478: Deep Learning (*AI 330 or CS 311 and either MATH 264, 364 or 374)	3

Upper-division Electives (6-7 units)

Select any two courses from the following list. Other courses may be approved with department consent.

AI 421: Computer Vision (*AI 330 or CS 471)
AI 431: Natural Language Processing (*AI 330 or CS 471)
AI 433: Artificial Intelligence in Healthcare (*AI 330 or CS 471)

**prerequisite; ^co/prerequisite*

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AI 441: Robotics and Autonomous Systems (*AI 330 or CS 471)
CYBR 472: Artificial Intelligence for Cybersecurity (*CYBR 312; enrollment restricted to CYBR majors)
MIS 460: Artificial Intelligence: A Business Information Systems Perspective (*MIS 302 or 304)

✔	Course	Units
		3
		3