

Bachelor of Science – Artificial Intelligence
Degree Plan (checklist)

2026

Catalog: 2025-26
Expires: 08/01/2032

Last Name

First Name

M.I.

UTEP ID

NOTE: Overall GPA ≥ 2.0 AND In-Major GPA ≥ 2.0 REQUIRED for graduation

A Core Curriculum (44 SCH) (minimum of "C" grade required)		Semester Completed	Final Grade	SCH	Sub #
1 Communication (6 credit hours required)					
RWS 1301*	Rhetoric and Composition I				
RWS 1302*	Rhetoric and Composition II				
2 Mathematics (4)					
MATH 1411*	Calculus I				
3 Life and Physical Sciences (7) *** Select and circle one					
PHYS 2320*	Introductory Mechanics				
PHYS 2120*	Introductory Mechanics Lab				
ASTR 1307*, BIOL 1305*, CHEM 1305*, GEOL 1313*, PHYS 2321*					
4 Language, Philosophy, and Culture (3) Select and circle one					
AFST 2300*, CHIC 2302*, ENGL 2311*, 2312*, 2313*, 2314*, 2318*, FREN 2322*, HIST 2301*, 2302*, PHIL 1301*, 2306*, RS 1301*, SPAN 2340*, WS 2300*, 2350*					
5 Creative Arts (3) Select and circle one					
ART 1300*, ARTH 1305*, 1306*, CHIC 1311*, DANC 1304*, FILM 1390*, MUSL 1324*, 1327*, 2321*, THEA 1313*					
6 American History (6)					
HIST 1301*	History of the U.S. to 1865				
HIST 1302*	History of the U.S. Since 1865				
7 Government/Political Science (6) – all 6 SCH must be completed at the same institution					
POLS 2310*	Introduction to Politics				
POLS 2311*	American Govt. & Politics				
8 Social and Behavioral Sciences (3) Select and circle one					
ANTH 1301*, 1302*, 1310*, 2320*, ASIA 2300*, COMM 2350*, 2372*, ECON 2303*, 2304*, EDPC 1301*, EDU 1342*, ENGL 2320*, GEOG 1310*, LING 2320*, PSYC 1301*, SOCI 1301*, 1310*, CE 2326*, CHIC 2311*, LEAD 2300*					
9 Component Area Option (6) Select and circle two; UNIV 1301*, EL 1301*, or LEAD 1300* preferred					
BUSN 1301*, COMM 1301*, 1302*, EL 1301*, ENGR 1302*, ENGR 1303* LEAD 1300*, SCI 1301*, SPLP 1312*, UNIV 1301*					
B Foundational Math & Science (9 SCH)		Semester Completed	Grade	SCH	#
MATH 1312*	Calculus II				
MATH 2300* ^a	Discrete Mathematics				
MATH 3323*	Matrix Algebra				
C Statistics (3 SCH)		Semester Completed	Final Grade	SCH	Sub #
STAT 3320	Probability & Statistics				

D Major: Required Lower Division Courses (15 SCH)		Semester Completed	Final Grade	SCH	Sub #
CS 1301*	Introduction to Computer Science				
CS 1101*	Introduction to Computer Science Lab				
CS 2401*	Elementary Data Structures and Algorithms				
EE 2369*	Digital Systems Design I				
EE 2169*	Digital Systems Design I Lab				
CS 2302*	Data Structures				
E Major: Required Upper Division Courses (32 SCH)		Semester Completed	Final Grade	SCH	Sub #
CS 3195	Junior Professional Orientation				
CS 3331*	Advanced Object-Oriented Programming				
CS 3432*	Computer Organization				
AI 3311*	Fairness and Safety in AI				
AI 3312*	Data Integration-Processing I				
AI 4320	Artificial Intelligence				
AI 4361	Machine Learning				
AI 4362	Data Mining I				
CS 4375	Operating Systems Concepts				
AI 4310*	Human and Machine Intelligence I				
AI 4311	Human and Machine Intelligence II				
F AI Electives (6 SCH) Choose two from the following: AI 4366, 4319, 4363, 4390 or 4373		Semester Completed	Final Grade	SCH	Sub #
G CS or AI Electives (6 SCH) ****		Semester Completed	Final Grade	SCH	Sub #
H Free Elective (5 SCH) – any college-level courses offered by the colleges of Liberal Arts, Business, Science, or Engineering		Semester Completed	Final Grade	SCH	Sub #

NOTES:

a -- CS 2101 AND CS 2202 are equivalent to MATH 2300

* C or better required

*** Official substitution form available <https://forms.utep.edu/form.aspx?pid=303bd7c4-e334-4570-af66-867e2a2fad48&formid=f86bb681-14ea-4576-96eb-6d6246236e95>

*** Students must complete PHYS 2320 and 2120 (in the Life and Physical Science Section)

**** CS 1110, CS 1120, CS 1190, CS 1290, CS 2210, CS 3000 or any CS 4000 level course. No more than six credit hours of CS 1xxxx,

SUBSTITUTIONS**				
# of	Course on degree plan to substitute	Institution where course was taken	Name of Course as it appears on UTEP Transcript	Course as it appears on UTEP Transcript
1				
2				
3				
4				

BSAI Total Hours 120

APPROVALS:

ADVISOR

DATE

CHAIR

DATE