

First Year

Semester 1

10 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*
AI 300 Introduction to Artificial Intelligence and Machine Learning	3		F
AI 311 Python for Applied AI and Visualization or	4	None	
CISP 407¹ Programming in Python	4	CISP 360	
AI 305 Ethics and Artificial Intelligence	3		

¹ CISP 407 Programming in Python requires completion of CISP 300 Algorithm Design/Problem Solving followed by CISP 360 Introduction to Structured Programming prior to enrolling.

Semester 2

6 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*
AI 310 Machine Learning	3	AI 300	S
AI 314 Computer Vision I or	3	AI 300	S
AI 312 Natural Language Processing I	3	AI 300	F

Notes:

Artificial Intelligence and Machine Learning certificate focuses on building machine learning models that can be used for predicting, making decisions and enhancing human capabilities. The program provides opportunities to develop the necessary skills and basic aptitudes in Artificial Intelligence and Machine Learning that is required in different fields including the information technology, automotive, healthcare, aerospace, industrial, and manufacturing industries.

Zero Textbook Costs (ZTC):

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