

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Associate in Applied Science

Prescribed Technical Program	47-49
General Education	15
Digital Literacy	
Total Degree Credits	62-64

Prescribed Technical Program Requirements

AI 100	Introduction to Artificial Intelligence	3
AI 110	Introduction to Machine Learning	3
AI 210	Introduction to Natural Language Processing	3
AI 220	Introduction to Computer Vision	3
AI 230	Artificial Intelligence for Business Solutions	3
AI 240	Artificial Intelligence Capstone Project	3
CIS 185	Introduction to Programming	3
CIS 197	Cooperative Education/Internship	1
CIS 204	Database Design and Structured Query Language (SQL)	3
CIS 299	Special Topics (AI Data Visualization)	3
CSCI 160	Computer Science I	4
CSCI 161	Computer Science II	4
MATH 104	Finite Mathematics	3
MATH 105	Trigonometry	2-4
or MATH 107	Pre-Calculus	
MATH 146	Applied Calculus I	3
MATH 299	Special Topics	3
	Total Credits	47-49

General Education Requirements

<i>Arts & Humanities/Social & Behavioral Sciences</i>		
CIS 280	Cyber Ethics (Required)	3
<i>Written or Oral Communications</i>		
ENGL 110	College Composition I	3
Select one of the following recommended courses:		3
COMM 110	Fundamentals of Public Speaking	
ENGL 125	Introduction to Professional Writing	
<i>Business, Math, Science, & Technology</i>		
MATH 210	Elementary Statistics (Required)	3
CIS 147	Principles of Information Security (Required) ¹	3
	Total Credits	15

Digital Literacy Requirements

Select one of the following:		
CSCI 101	Introduction to Computers ¹	
CIS 147	Principles of Information Security ¹	
BSC Approved Training Course		
NDUS Institution Approved Training Course		
NDUS Institution Designated Digital Literacy Course		

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CSCI 101, CIS 147 or courses transferred in from another NDUS Institution that are listed as both general education and digital literacy may satisfy both requirements upon successful completion.

College Degree & Digital Literacy Requirements

General Education & Diversity Course Matrix Requirements