

# ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

## Associate in Applied Science Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

## Summary

Prescribed Program	47-49
General Education	15
Digital Literacy	
<b>Total Credits</b>	<b>62-64</b>

## Degree Plan

### Prescribed Program

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	2
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 or MATH 107	Trigonometry Pre-Calculus	2-4
MATH 146	Applied Calculus I	3
<b>Total Credits</b>		<b>45-47</b>

### General Education

#### Written or Oral Communications

*Written or Oral Communications*

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	
<b>Credits Subtotal</b>		<b>6</b>

#### Arts & Humanities/Social & Behavioral Sciences

CIS 280	Cyber Ethics (Required)	3
<b>Credits Subtotal</b>		<b>3</b>

**Business, Math, Science, & Technology**

MATH 210	Elementary Statistics (Required)	3
CIS 147	Principles of Information Security (Required)	3
<b>Credits Subtotal</b>		<b>6</b>
<b>General Education Total Credits</b>		<b>15</b>

**Digital Literacy**

Select one of the following:

ENGL 110	College Composition I
NDUS Institution Approved Training Course	
NDUS Institution Designated Digital Literacy Course	