

# Artificial Intelligence Minor

## Minor Requirements

Minimum Credits Required: 19

Code	Title	Credits
<b>Required Courses</b>		
Select one from the following:		4 or 6
CSCI 160	Computer Science I	
CSCI 227 & CSCI 228	Computing Fundamentals in Python I and Computing Fundamentals in Python II	
CSCI 222 or MATH 270	Discrete Mathematics Introduction to Abstract Mathematics	3
CSCI 372 or CSCI 312	Comparative Programming Languages Survey of Programming Languages	3
CSCI 426	Introduction to Artificial Intelligence	3
Additional Electives - select 6 credits from the following:		6
CSCI 420	Introduction to Data Science in Python	
CSCI 422	Fundamentals of Data Engineering	
CSCI 425	Machine Learning	
CSCI 428	Artificial Intelligence, Ethics, and the Environment	
CSCI 485	Artificial Intelligence for Robots and Cyber-Physical Systems	
ECE 477	Hardware Design for Machine Learning	
IME 465	Introduction to Machine Learning	
<b>Total Credits</b>		<b>19-21</b>

Minor Requirements and Notes:

- A grade of C is required in all courses for the AI minor.
- A minimum of 8 credits must be completed at NDSU
- Cannot be declared with the Standard track or the Data Science track of the B.S. in Computer Science.