Artificial Intelligence

Department Information

- **Department Web Site:**
  https://www.ndsu.edu/cs/
- **Credential Offered:**
  Minor
- **Program Overview:**
  catalog.ndsu.edu/programs-study/undergraduate/artificial-intelligence/ (http://catalog.ndsu.edu/programs-study/undergraduate/artificial-intelligence/)

Minor Requirements

Artificial Intelligence

Required Credits: 19

Code	Title	Credits
Required Courses		
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	Discrete Mathematics	3
or MATH 270	Introduction to Abstract Mathematics	
CSCI 372	Comparative Programming Languages	3
or CSCI 312	Survey of Programming Languages	
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	Autonomous Command and Artificial Intelligence for Robots and Other Cyber-Physical Systems	
ECE 477	Hardware Design for Machine Learning	
IME 465	Introduction to Machine Learning	
Total Credits		**19-21**

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.