

ARTIFICIAL INTELLIGENCE BACHELOR OF SCIENCE

Program Overview

The Drake University Artificial Intelligence (AI) major is an interdisciplinary program in the College of Arts and Sciences that comprises courses from Computer Science & Math, Arts & Humanities, and Business & Law. The goal of this program is to *prepare students to be successful in a world where machines play an increasingly important role*, and the AI major is designed to appeal to students interested in STEM, the humanities, or business.

B.S. Degree Requirements

Students must also satisfy the special requirements (<https://catalog.drake.edu/archive/2024-2025/undergraduate/arts-sciences/graduation-requirements/>) for a Bachelor of Science (B.S.) Degree

Code	Title	Hours
AI 010	INTERDISCIPLINARY PERSPECTIVES ON ARTIFICIAL INTELLIGENCE	3
Select one of the following:		3-4
AI 036	THE NATURES OF LEARNING AND INTELLIGENCE	
PSY 125	COGNITIVE PSYCHOLOGY	
Select one of the following:		3
PHIL 130	MINDS, BRAINS, AND COMPUTERS	
PHIL 142	THE PHILOSOPHY OF ARTIFICIAL INTELLIGENCE	
ENG 082	AI IN FICTION	3
AI 190	ARTIFICIAL INTELLIGENCE PRACTICUM	3
CS 065	INTRODUCTION TO COMPUTER SCIENCE I	3
CS 066	INTRODUCTION TO COMPUTER SCIENCE II	3
CS 083	DIGITAL ETHICS	3
CS 143	ARTIFICIAL INTELLIGENCE	3
CS 167	MACHINE LEARNING	3
IS 083	INFORMATION TECHNOLOGY LAW AND ETHICS	3
CS 120	HUMAN-COMPUTER INTERACTION	3
IS 161	INFORMATION SYSTEMS ANALYSIS AND DESIGN	3
Select one of the following:		3
PHIL 128	LANGUAGE AND REALITY	
ENG 139	LANGUAGE AND LOGIC	
Select one of the following:		3-4
PSY 001	INTRODUCTION TO PSYCHOLOGY	
NSCI 001	INTRODUCTION TO NEUROSCIENCE	
Select one of the following:		3
STAT 071	STATISTICS I	
MATH/STAT 130	PROBABILITY FOR ANALYTICS	
Select one of the following:		3
STAT 108	MODERN REGRESSION	
STAT 170	REGRESSION AND TIME SERIES	
Total Hours		51-53

In addition to programmatic requirements, students are responsible for satisfying all requirements of the Drake Curriculum (<https://catalog.drake.edu/archive/2024-2025/undergraduate/academic-information/drake-curriculum/>), including Areas of Inquiry (AOI)

Student must also satisfy university graduation requirements (<https://catalog.drake.edu/archive/2024-2025/undergraduate/academic-information/graduation-requirements/>) for all undergraduate students..