



BACHELOR OF SCIENCE
Artificial Intelligence



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Bachelor of Science degree in Artificial Intelligence prepares students for careers as data scientists who develop applications and systems using AI and machine learning techniques to solve real-world problems. Their work often involves analyzing large datasets to uncover patterns and make predictions, statistical analysis, artificial intelligence, and machine learning.

CAREER OPPORTUNITIES

AI Engineer, Machine Learning Engineer, Data Scientist, Data Analyst, AI Product Manager, Computer Vision Engineer, Natural Language Processing Engineer, Robotics Engineer. The average annual salary for AI engineers in the United States is approximately \$101,752¹.

DEGREE CHECKLIST

GENERAL EDUCATION - CORE REQUIREMENTS		
Course No.	Course	Credits
FMU 101	University 101	2
CMT 102	Critical Thinking Info Age	2
ENG 101	College Writing I	3
ENG 102	College Writing II	3
COM 103	Intro To Public Speaking	3
HIS XXX	African Diaspora And The World	3
REL XXX	Religion And Philosophical Inquiry	3
XXX 201	World Languages I	3
XXX 202	World Languages II	3
XXX 200	Society & Global Inquiry (SOC/PSY)	3
XXX 200	Society And Global Inquiry (HUM/VPA)	3
CSC 101	Intro To Computers	3
MAT 111	College Algebra	3
	Scientific Inquiry I And II with Lab	7
TOTAL		44

OTHER COURSES		
Course No.	Course	Credits
MAT 200	Applied Calculus	3
MAT 205	Probability & Statistics	3
MAT 210	Discrete Mathematics	3
MAT 315	Probability & Statistics II	3
MAT 350	Linear Algebra	3
	Elective	3
TOTAL		18

REQUIRED MAJOR COURSES		
Course No.	Course	Credits
DAT 200	Intro To AI and Data Sciences	3
CSC 230	Computer Programming I	3
DAT300	Data Analytics With R	3
CSC 330	Computer Programming II	3
CSC 333	Systems Analysis And Design	3
CSC 335	Data Structures	3
CSC 341	Computer Organization	3
CSC 385	Artificial Intelligence	3
DAT 400	Machine Learning	3
DAT 450	Deep Learning	3
CSC 456	Natural Language Processing	3
CSC 480	Robotics	3
CSC 481	Data Visualization	3
CSC 490	Computer Ethics	3
CSC 491	Applied Analytics	3
CSC 493	Computer Security	3
CSC 494	Project Development	3
CSC 460	Senior Project	3
	Approved Advance Electives	6
TOTAL		60

¹ZipRecruiter