ARTIFICIAL INTELLIGENCE, BACHELOR OF SCIENCE IN ARTIFICIAL INTELLIGENCE

Artificial Intelligence (AI) is a multidisciplinary field of computing that integrates principles from machine learning, natural language processing, computer vision, robotics, generative AI, and large language models (LLMs) to develop algorithms and software enabling machines to perform tasks that typically require human intelligence. As the field of AI continues its rapid advancement, it is pushing the boundaries of technological possibilities and is expected to be in great demand within the future workforce.

Artificial Intelligence, Bachelor of Science in Artificial Intelligence Requirements

A minimum of 120 credit hours is required for a Bachelor of Science degree in Artificial Intelligence. Thirty of the last 36 hours must be University of Nebraska at Omaha courses. Registering for courses without having taken the stated prerequisites could result in administrative withdrawal. Students must have a C or better grade in CIST 1400 and CSCI 1620 to serve as the prerequisite for all subsequent Computer Science (CSCI) courses. For all other courses applied towards the major, a grade of C- or better will meet the prerequisite and degree requirements.

To obtain an artificial intelligence degree, a student must fulfill the University General Education, College, and Departmental requirements. Some courses may satisfy requirements in more than one area, but credit is awarded only once, thereby reducing the total number of credit hours for the degree to 120. (This total does not include prerequisites.)

•	' ' '	
Code	Title	Credits
GENERAL EDUCATION	ON REQUIREMENTS - 34 Hours	
Required		
Minimum of "C-"requi	red	
Fundamental Skills		15
Writing – 6 hrs.		
ENGL 1150	ENGLISH COMPOSITION I	
ENGL 1160	COLLEGE RESEARCH AND	
	INFORMATION LITERACY	
Oral Communica	tion – 3 hrs.	
CMST 1110	PUBLIC SPEAKING FUNDS	
or CMST 2120	ARGUMENTATION AND DEBATE	
Quantitative Lite	racy – 3 hrs.	
MATH 1120	INTRODUCTION TO MATHEMATICAL	
	AND COMPUTATIONAL THINKING	
or MATH 1130	QUANTITATIVE LITERACY	
or MATH 1140	QUANTITATIVE REASONING FOR HEALTHCA	ARE
	PROFESSIONALS	
or MATH 1300	COLLEGE ALGEBRA WITH SUPPORT	
Data Literacy – 3	hrs.	
Select one from the	e following:	
STAT 1100	DATA LITERACY AND VISUALIZATION	

ELEMENTARY STATISTICS

STAT 1530

Until Fall 2028, students can satisfy this requirement with an approved data literacy course, or any approved natural or social science general education course.

Social Science – 3 hrs. Humanities – 3 hrs. Natural & Physical Science (must complete a lab) – 4 hrs. Arts – 3 hrs. Individual and Social Responsibility Cultural Knowledge – 3 hrs. Civic Knowledge and Engagement – 3 hrs. MAJOR REQUIREMENTS - 65 Hours Required ***Course will satisfy UNO's General Education requirement *Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (*) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (*) MATH 1950 CALCULUS I (*) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (*) MATH 2050 APPLIED LINEAR ALGEBRA (*) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (*) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (*) CIST 2500 INTRODUCTION TO DATA ANALYTICS USING PYTHON (*) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (*) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	Breadth of Knowled	dge	13
Natural & Physical Science (must complete a lab) – 4 hrs. Arts – 3 hrs. Individual and Social Responsibility Cultural Knowledge – 3 hrs. Civic Knowledge and Engagement – 3 hrs. MAJOR REQUIREMENTS - 65 Hours Required ***Course will satisfy UNO's General Education requirement *Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (*) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (*) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (*) MATH 2050 APPLIED LINEAR ALGEBRA (*) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (*) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (*) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (*) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (*) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	Social Science – 3	hrs.	
Arts - 3 hrs. Individual and Social Responsibility Cultural Knowledge - 3 hrs. Civic Knowledge and Engagement - 3 hrs. MAJOR REQUIREMENTS - 65 Hours Required ***Course will satisfy UNO's General Education requirement *Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (*) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (*) MATH 1950 CALCULUS I (*) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (*) MATH 2050 APPLIED LINEAR ALGEBRA (*) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (*) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (*) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (*) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (*) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	Humanities – 3 hrs.		
Individual and Social Responsibility Cultural Knowledge – 3 hrs. Civic Knowledge and Engagement – 3 hrs. MAJOR REQUIREMENTS - 65 Hours Required ***Course will satisfy UNO's General Education requirement *Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (*) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (*) CALCULUS I (*) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (*) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (*) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (*) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (*) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (*) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	Natural & Physical	Science (must complete a lab) – 4 hrs.	
Cultural Knowledge – 3 hrs. Civic Knowledge and Engagement – 3 hrs. MAJOR REQUIREMENTS - 65 Hours Required ***Course will satisfy UNO's General Education requirement ^*Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (^) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (^) MATH 1950 CALCULUS I (^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	Arts – 3 hrs.		
Civic Knowledge and Engagement – 3 hrs. MAJOR REQUIREMENTS - 65 Hours Required ***Course will satisfy UNO's General Education requirement ^*Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (^^) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (^^) MATH 1950 CALCULUS I (^^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^^) MATH 2050 APPLIED LINEAR ALGEBRA (^^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (** ^^) CSCI 3470 FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING (^^) CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (^^) AIML 4970 AI CAPSTONE (^^) Extension Courses - Complete 6 courses Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^^)	Individual and Soci	al Responsibility	6
MAJOR REQUIREMENTS - 65 Hours Required **Course will satisfy UNO's General Education requirement *Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (^) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	Cultural Knowledge – 3 hrs.		
***Course will satisfy UNO's General Education requirement *Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (^) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (^) MATH 1950 CALCULUS I (^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	Civic Knowledge and Engagement – 3 hrs.		
Course requires pre-requisite(s) All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (^) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (^) MATH 1950 CALCULUS I (^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (MAJOR REQUIREM	ENTS - 65 Hours Required	
All of the following: CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (^) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (^) MATH 1950 CALCULUS I (^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	**Course will satisfy \	JNO's General Education requirement	
CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I (^) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (^) MATH 1950 CALCULUS I (^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	^Course requires pre-	requisite(s)	
SCIENCE I (^) CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II (^) MATH 1950 CALCULUS I (^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	All of the following:	:	47
SCIENCE II (^) MATH 1950 CALCULUS I (^) CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (** ^^) CSCI 3320 DATA STRUCTURES (^) CSCI 3470 FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING (^) CSCI 4100 INTRODUCTION TO ALGORITHMS (^) CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (^) AIML 4970 AI CAPSTONE (^) Extension Courses – Complete 6 courses Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	CIST 1400		
CSCI 2030 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (** ^^) CSCI 3320 DATA STRUCTURES (^) CSCI 3470 FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING (^) CSCI 4100 INTRODUCTION TO ALGORITHMS (^) CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (^) AIML 4970 AI CAPSTONE (^) Extension Courses – Complete 6 courses Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	CSCI 1620		
COMPUTER SCIENCE (^) MATH 2050 APPLIED LINEAR ALGEBRA (^) AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	MATH 1950	CALCULUS I (^)	
AIML 2060 CONCEPTS OF ARTIFICIAL INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (** ^) CSCI 3320 DATA STRUCTURES (^) CSCI 3470 FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING (^) CSCI 4100 INTRODUCTION TO ALGORITHMS (^) CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (^) AIML 4970 AI CAPSTONE (^) Extension Courses – Complete 6 courses 18 Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	CSCI 2030		
INTELLIGENCE (^) CSCI 2410 INTRODUCTION TO DATA ANALYTICS USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (** ^) CSCI 3320 DATA STRUCTURES (^) CSCI 3470 FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING (^) CSCI 4100 INTRODUCTION TO ALGORITHMS (^) CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (^) AIML 4970 AI CAPSTONE (^) Extension Courses – Complete 6 courses Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	MATH 2050	APPLIED LINEAR ALGEBRA (^)	
USING PYTHON (^) CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (** ^) CSCI 3320 DATA STRUCTURES (^) CSCI 3470 FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING (^) CSCI 4100 INTRODUCTION TO ALGORITHMS (^) CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (^) AIML 4970 AI CAPSTONE (^) Extension Courses – Complete 6 courses 18 Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	AIML 2060		
FOR IS&T (^) CIST 3000 TECHNICAL WRITING & COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	CSCI 2410		
COMMUNICATION FOR IS&T (^) CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	CIST 2500		
CIST 3110 INFORMATION TECHNOLOGY ETHICS (**	CIST 3000		
CSCI 3470 FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING (^) CSCI 4100 INTRODUCTION TO ALGORITHMS (^) CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (^) AIML 4970 AI CAPSTONE (^) Extension Courses – Complete 6 courses Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	CIST 3110	INFORMATION TECHNOLOGY ETHICS (**	
MACHINE LEARNING (*) CSCI 4100 INTRODUCTION TO ALGORITHMS (*) CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (*) AIML 4970 AI CAPSTONE (*) Extension Courses – Complete 6 courses 18 Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (*) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (*)	CSCI 3320	DATA STRUCTURES (^)	
CSCI 4450 PRINCIPLES OF ARTIFICIAL INTELLIGENCE (^) AIML 4970 AI CAPSTONE (^) Extension Courses – Complete 6 courses 18 Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	CSCI 3470		
INTELLIGENCE (^) AIML 4970 AI CAPSTONE (^) Extension Courses – Complete 6 courses 18 Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	CSCI 4100	INTRODUCTION TO ALGORITHMS (^)	
Extension Courses – Complete 6 courses Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	CSCI 4450		
Any CSCI courses numbered 2xxx-4xxxx which are not used to meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	AIML 4970	AI CAPSTONE (^)	
meet other BSAI degree requirements PHIL 2010 SYMBOLIC LOGIC ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	Extension Courses	– Complete 6 courses	18
ISQA 4010 BUSINESS INTELLIGENCE (^) MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	•		
MATH/STAT 4450 INTRODUCTION TO MACHINE LEARNING AND DATA MINING (^)	PHIL 2010	SYMBOLIC LOGIC	
LEARNING AND DATA MINING (^)	ISQA 4010	BUSINESS INTELLIGENCE (^)	
. ,	MATH/STAT 4450		
	ELECTIVES		

Elective hours as required to reach a total of 120 hours

Artificial Intelligence, Bachelor of Science in Artificial Intelligence Four Year Plan - Start 1300-1200-1280

First Year		
Fall		Credits
ENGL 1150	ENGLISH COMPOSITION I	3
MATH 1950	CALCULUS I	5
CMST 1110 or CMST 2120	PUBLIC SPEAKING FUNDS or ARGUMENTATION AND DEBATE	3
CIST 1300 or CSCI 1200	INTRODUCTION TO WEB DEVELOPMENT	3
or CSCI 1280	or COMPUTER SCIENCE PRINCIPLES or INTRODUCTION TO COMPUTATIONAL SCIENCE	
Elective course		1
	Credits	15
Spring		
ENGL 1160	COLLEGE RESEARCH AND INFORMATION LITERACY	3
CIST 1400	INTRODUCTION TO COMPUTER SCIENCE I	3
General Education Co	ourse or Elective	3
General Education Co	ourse or Elective	3
General Education Co	ourse or Elective	3
	Credits	15
Second Year		
Fall		
CSCI 1620	INTRODUCTION TO COMPUTER SCIENCE II	3
CSCI 2030	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE	3
General Education Co	ourse or Elective	3
General Education Co	ourse or Elective	3
General Education Co	ourse or Elective	3
	Credits	15
Spring		
AIML 2060	CONCEPTS OF ARTIFICIAL INTELLIGENCE	3
CIST 2500	INTRODUCTION TO APPLIED STATISTICS FOR IS&T	3
General Education Co	ourse or Elective	3
General Education Co	ourse or Elective	3
General Education Co	ourse or Elective	3
	Credits	15
Third Year		
Fall		
CSCI 2410	INTRODUCTION TO DATA ANALYTICS USING PYTHON	3
CSCI 3320	DATA STRUCTURES	3
CIST 3110	INFORMATION TECHNOLOGY ETHICS	3
MATH 2050	APPLIED LINEAR ALGEBRA	3
General Education Co	ourse or Elective	3
	Credits	15
Spring		
CSCI 3470	FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING	3

General Education Course or Elective General Education Course or Elective		3
Extension Course		3
Extension Course		3
Spring AIML 4970	Capstone	3
	Credits	15
General Education Course or Elective		3
General Education Course or Elective		3
General Education Course or Elective		3
CSCI 4450	PRINCIPLES OF ARTIFICIAL INTELLIGENCE	3
CIST 3000	TECHNICAL WRITING & COMMUNICATION FOR IS&T	3
Fall		
Fourth Year		
	Credits	15
General Education Co	urse or Elective	3
Extension Course		3
Extension Course		3
CSCI 4100	INTRODUCTION TO ALGORITHMS	3

Artificial Intelligence, Bachelor of Science in Artificial Intelligence Four Year Plan- Start 1400

First Year		
Fall		Credits
ENGL 1150	ENGLISH COMPOSITION I	3
MATH 1950	CALCULUS I	5
CMST 1110 or CMST 2120	PUBLIC SPEAKING FUNDS or ARGUMENTATION AND DEBATE	3
CIST 1400	INTRODUCTION TO COMPUTER SCIENCE I	3
Elective Course		1
	Credits	15
Spring		
ENGL 1160	COLLEGE RESEARCH AND INFORMATION LITERACY	3
CSCI 1620	INTRODUCTION TO COMPUTER SCIENCE II	3
General Education Course or Elective		3
General Education Course or Elective		3
General Education Course or Elective		3
	Credits	15
Second Year		
Fall		
CSCI 2030	MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE	3
AIML 2060	CONCEPTS OF ARTIFICIAL INTELLIGENCE	3
General Education Course or Elective		3
General Education Course or Elective		3
General Education (Course or Elective	3
	Credits	15

	Total Credits	120
	Credits	15
General Education Course or Elective		3
General Education Course or Elective		3
Extension Course		3
Extension Course		3
AIML 4970	Capstone	3
Spring	Credits	15
General Education		3
General Education		3
Extension Course	C	3
Extension Course		3
Eutomoion Cours	INTELLIGENCE	2
Fourth Year Fall CSCI 4450	PRINCIPLES OF ARTIFICIAL	3
Fourth Year	Credits	15
General Education		3
Extension Course	Carrier and Electrica	3
F	COMMUNICATION FOR IS&T	
CIST 3000	TECHNICAL WRITING &	3
CSCI 4100	INTRODUCTION TO ALGORITHMS	3
Spring CSCI 3470	FUNDAMENTALS AND ALGORITHMS OF MACHINE LEARNING	3
	Credits	15
General Education		3
Extension Course		3
MATH 2050	APPLIED LINEAR ALGEBRA	3
CSCI 2410	INTRODUCTION TO DATA ANALYTICS USING PYTHON	3
Fall CIST 3110	INFORMATION TECHNOLOGY ETHICS	3
Third Year	Credits	13
General Education	Credits	3 15
General Education		3
General Education		3
	FOR IS&T	
CSCI 3320 CIST 2500	DATA STRUCTURES INTRODUCTION TO APPLIED STATISTICS	3
	D.4.T.4. 0.T.D.1.0.T.1.D.T.0	