Plan of Study
BS Computer Information Systems
Artificial Intelligence in Organizations
Catalog Year: 2025 – 2026

DAKOTA STATE
UNIVERSITY®

Sample Schedule: students are not limited to this plan; it is meant to serve as a guide for planning purposes in discussions with your academic advisor. This plan is one possible path to completing this degree in **four years.**

FIRST YEAR

First Semester			**On Campus**	**Online**
Course	**Prerequisites / Comments**	**Credits**	**Semester(s) Offered**	
CSC 105 Introduction to Computers		3	F/S	F/S/SU
CSC 150 Computer Science I		3	F/S	F/S/SU
CIS 325 Management Information Systems		3	F	F/S/SU
SGE Written Communication	1 of 2 / * ENGL 101 Composition I	3	F/S	F/S/SU
SGE Mathematics	1 of 1 / * MATH 114	3	F/S	F/S/SU
GS 100 University Experience	Not required online	0	F	
	Total Credit Hours	**15**		

Second Semester				
Course	**Prerequisites / Comments**	**Credits**	**Semester(s) Offered**	
BADM 201 Fundamentals of AI in Organizations		3	F	F
CSC 250 Computer Science II	CSC 150	3	F/S	F/S/SU
MATH 201 Introduction to Discrete Mathematics	Math 114 or Higher	3	F/S	F/S/SU
CIS 384 Decision Support Systems	CIS 325	3	S	S/SU
SGE Written Communication	2 of 2 / * ENGL 201 Composition II	3	F/S	F/S/U
	Total Credit Hours	**15**		

SECOND YEAR

Third Semester				
Course	**Prerequisites / Comments**	**Credits**	**Semester(s) Offered**	
BADM 220 Business Statistics	Math 114 or Higher	3	F/S	F/SU
BADM 344 Managerial Communications	ENGL 101	3	F/S	F/SU
SGE Social Sciences	1 of 2 *ECON 201 recommended	3	F/S	F/S/SU
SGE Oral Communication	Choose CMST 101, 215 or 222	3	F/S	F/S/SU
ACCT/BADM/CIS/CSC/ECON/HIM Elective	1 of 5	3	F/S	F/S/SU
	Total Credit Hours	**15**		

Fourth Semester				
Course	**Prerequisites / Comments**	**Credits**	**Semester(s) Offered**	
BADM 321 Business Statistics II	BADM 220, MATH 281 or STAT 281	3	F/S	S/SU
BADM 370 Marketing		3	F/S	F/S/SU
CIS 338 Project Management		3	S	S/SU
SGE Arts & Humanities	1 of 2	3	F/S	F/S/SU
SGE Social Sciences	2 of 2 / SGR Civics Requirement (HIST 151 or HIST 152 or CIV 100 or POLS 100, or POLS 210)	3	F/S	F/S/SU
	Total Credit Hours	**15**		

THIRD YEAR

Fifth Semester				
Course	**Prerequisites / Comments**	**Credits**	**Semester(s) Offered**	
BADM 472 Marketing Technology	BADM 370	3	F(Odd)	F(Odd)
CIS 372 Programing for Analytics	CIS 123 or CSC 150	3	F	F
CIS 378 Applied Artificial Intelligence and Applications		3	F	F
SGE Natural Sciences	1 of 2	3	F/S	F/S/SU
CIS 474 Business Intelligence & Big Data	CIS 123 or CSC 150	3	F	F
	Total Credit Hours	**15**		

Sixth Semester				
Course	**Prerequisites / Comments**	**Credits**	**Semester(s) Offered**	
CIS 368 Predictive Analytics	CIS 372 and BADM 220 or MATH 281 or MATH 381	3	S	S
CIS 484 Database Management Systems		3	F/S	F/S/SU
SGE Arts & Humanities	2 of 2	3	F/S	F/S/SU
BADM 360 Organization & Management		3	F/S	F/SU
SGE Natural Sciences	2 of 2	3	F/S	F/S/SU
	Total Credit Hours	**15**		

FOURTH YEAR				

Seventh Semester				
Course	**Prerequisites / Comments**	**Credits**	**Semester(s) Offered**	
BADM 336 Entrepreneurship I		3	F	F/SU
BADM 435 Management Technology & Innovations	BADM 360	3	F	F/SU
ACCT/BADM/CIS/CSC/ECON/HIM Elective	2 of 5	3	F/S	F/S/SU
Open Elective	1 of 2	3	F/S	F/S/SU
Open Elective	2 of 2	3	F/S	F/S/SU
Apply for Graduation	**You will receive a notification in your DSU email identifying the process to apply for graduation in the semester before your planned graduation date.**			
	Total Credit Hours	**15**		

Eighth Semester				
Course	**Prerequisites / Comments**	**Credits**	**Semester(s) Offered**	
CIS 470 Strategy & Application of AI in Organizations	CIS 368	3	S	S
CSC 386 Applications of Deep Learning	CSC 250	3	S	S
ACCT/BADM/CIS/CSC/ECON/HIM Elective	3 of 5	3	F/S	F/S/SU
ACCT/BADM/CIS/CSC/ECON/HIM Elective	4 of 5	3	F/S	F/S/SU
ACCT/BADM/CIS/CSC/ECON/HIM Elective	5 of 5	3	F/S	F/S/SU
Take Exit Exam	**After you apply for graduation, someone will reach out to schedule your exit exam.**			
	Total Credit Hours	**15**		
	Program Credit Hours	**120**		

* Recommended   **Semester:**

F = Fall; S = Spring; SU = Summer

Information and course schedules may change. This is not a contract.