



**Bachelor of Science with a Major in
 Information Systems**

TRINE UNIVERSITY

Transfer Overview	Credit Hours
Iowa Wesleyan University - BS Computer Science credits transferred	90
Trine BS Information Systems remaining credits to complete	30
Total Credits	120

Trine Bachelor of Science with a Major in Information Systems - 120 Credit Hours

General Education Requirements - 30 Hours			Transfer Institution Information		
Communication - 9 hours			Credits	Iowa Wesleyan University	Credits
ENG 133	Technical Communication	3	ENG 110 College Research		3
HUM 203	Humanities Seminar	3	ENG 109 College Composition (SUB)*		3
SP 203	Effective Speaking	3	COMM 147 Intro to Public Speaking		3
Humanities and Social Science - 9 hours					
PSY 113	Principles of Psychology	3	PSYC 131 General Psychology		3
PHL 313	Ethics	3			
	Humanities or Social Science Elective	3	Humanities or Social Science Elective		3
Mathematics and Science - 9 hours					
MA 113	College Algebra	3			
MA 253	Statistics	3	MATH 171 Elementary Statistics		4
	Science Elective	3	Science		4
Other - 3 hours					
BA 113	Business Computer Applications	3			
Additional Requirements - 7 hours					
BA 123	Business Concepts	3	BA 100 Survey of Business		3
BA 213	Business Spreadsheets	3			
UE 111	University Experience	1			
Information Systems Requirements - 39 hours					
COM 343	Web Content Management	3			
CSIT 103	Intro to Information Systems	3	CSIT 125 Intro to Computer Science		
CSIT 123	Computer Infrastructure Basics	3			
CSIT 153	Intro to Operating Systems	3	CIS 305 Operating Systems		
CSIT 163	Using Programing to Solve Problems	3	CIS 255 Programming w/C++ and CIS 355 Programming 2 w/Python		
CSIT 223	Network Management	3	CIS 205 Networking		
CSIT 273	Enterprise Architecture	3			
INF 263	Data Management	3			
INF 343	Information Security	3			
INF 393	Data Visualization	3			
INF 403	Advanced Database Management	3	CIS 220 Database with SQL		
IS 483	Information Systems Capstone Proposal	3			
IS 493	Information Systems Capstone Project	3			

Concentration Requirements - 15 hours				
Option 1 - Management/Leadership				
MGT 383	Principles of Management	3		
	MGT/LDR 300-400 Level Elective	12		
Option 2 - Information Systems Specialty				
<i>Transfer 15 approved IS specialty or MSIS coursework</i>				
	IS Specialty or MSIS coursework	15		
Option 3 - Cybersecurity				
IS 3003	Ethical Hacker	3		
IS 373	System Security	3		
IS 383	Security Analysis	3		
IS 393	Security CyberOps	3		
IS 403	Cybersecurity	3	CIS 405 Defensive IT security and CIS 425 Offensive Cybersecurity	
Free Electives - 29 hours				
	Elective	29	Complete from undistributed credits. Total transfer credit not to exceed 90 credits.	
	Total	120	Transfer Total	90

*HUM 203 Humanities Seminar has a residency requirement with no substitutions or transfers. This will be waived for Iowa Wesleyan University students who have successfully completed ENG 109 College Composition.

Undistributed Credits	Credits
WS 148 Tiger Expeditions	1
WS 147 Tiger Perspectives	1
Humanities Electives	6
Social Science Electives	6
Culture & Diversity Electives	3
BA 371 Business Analytics	3
CIS 225 Systems Analysis	
CIS 265 Intro to Web Design	
CIS 365 Advanced Web & Mobile Design	
CIS 498 CIS Internship	

Transfer Policy

1. An official college/university transcript sent or scores from the transferring college to Trine University.
2. A grade of "C" or higher was earned in the transferring course.
3. Credits are from a regionally accredited or DOE institution.
4. Courses are 100-level or higher (not pre-college, remedial, developmental, preparatory, or credits through testing or assessed learning).