



**Bachelor of Science in
 Computer Science & Information Technology**

TRINE UNIVERSITY

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

Trine Bachelor of Science in Computer Science & Information Technology - 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 - 12 hours					
MA 113	College Algebra	3			
MA 173	Essential Calculus	3	MA 231 Calculus I		4
MA 253	Statistics	3	MATH 171 Elementary Statistics		4
	Science Elective	3	Science		4
CSIT Content Requirements - 58 hours					
CSIT 101	Intro to Computer Science & Info Tech	3	WS 147 Tiger Perspectives		1
CSIT 103	Intro to Information Systems	3	CSIT 125 Intro to Computer Science		
CSIT 123	Computer Infrastructure Basics	3	CIS 225 Systems Analysis		
CSIT 153	Intro to Operating Systems	3	CIS 305 Operating Systems		
CSIT 163	Using Programming to Solve Problems	3	CIS 355 Programming 2 w/Python		
CSIT 2023	Linux & PowerShell	3			
CSIT 223	Network Management	3	CIS 205 Networking		
CSIT 253	Artificial Intelligence & Information	3			
CSIT 273	Enterprise Architecture	3	BA 371 Business Analytics		3
INF 263	Data Management	3			
INF 343	Information Security	3	CIS 425 Offensive IT Security		
INF 403	Advanced Database Management	3	CIS 220 Database with SQL		
XR 313	Mixed Reality Development & Appl	3			
BA 123	Business Concepts	3	BA 100 Survey of Business		3
MA 143	Discrete Math	3			
MGT 303	Risk Management	3			
MGT 383	Principles of Project Management	3			
CSIT 483	Senior Capstone I	3			
CSIT 493	Senior Capstone II	3			

Concentration Requirements - 18 hours			
Option A - Cybersecurity			
CSIT 363	Certified Ethical Hacking I	3	
CSIT 373	Certified Ethical Hacking II	3	
CSIT 383	Certified Ethical Hacking III	3	
CSIT 393	Certified Ethical Hacking IV	3	
CSIT 403	Applications of Cybersecurity	3	
CSIT 443	Advanced Cybersecurity Concepts	3	
Option B - Health Information			
BIO 163	Medical Terminology	3	
MGT 363	Organizational Behavior	3	
INF 383	Principles of Health Informatics	3	
INF 393	Data Visualization	3	
LDR 403	Creativity, Innovation & Influence	3	
INF 433	Data Mining & Visualization	3	
Option C - Web Development			
CS 1113	Intro Object-Oriented Program	3	CIS 255 Programming with C++
CSIT 203	Web Site Desing	3	CIS 265 Intro to Web Design
CSIT 233	Design Data Links to Web Applications	3	
CSIT 243	Mobile Application Development	3	CIS 365 Adv Web & Mobile Design
CSIT 333	Intro to E-Commerce Site Development	3	
CSIT 343	Web Content Management	3	
Option D - Game Design & Virtual Reality			
CSIT 1023	The History of Gaming	3	
CSIT 3013	Intro to Gameplay Creation	3	
CSIT 3023	Level, Character, & Story Building	3	
CSIT 4013	Game Design & Development	3	
CSIT 4023	Video Game Testing & Quality Assurance	3	
CSIT 4033	Virtual Reality Game Production	3	
Free Electives - 14 hours			
	Elective	14	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
Humanities Electives	6
Social Science Electives	6
Culture & Diversity Electives	3
CIS 405 Defensive IT Security	
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).