



TRINE UNIVERSITY

Siena Heights Transfer Guide to BS - Computer Science

55 hours total eligible for transfer. Only 65 hours left to complete 120 hours of program requirements.

Masters Degree

Start earning a masters degree as an undergraduate.

TRINE UNIVERSITY BACHELOR OF SCIENCE IN COMPUTER SCIENCE (120 HRS)				
Siena Heights University BS - Data Analytics				55
Trine University BS - Computer Science				65
			Total Credits	120
General Education Requirements – 50 hours		Transfer Institution Information		
Communication – 9 hrs.		Credits	Siena Heights Univ	Credits
ENG 133	Technical Communication	3		
HUM 203	Humanities Seminar	3		
SP 203	Effective Speaking	3	TSD 101	3
Humanities and Social Science – 9 hrs.				
	Humanities Elective	3	PHILOSOPHY	3
	Social Science Elective	3	SOCIAL STUDIES	3
	Humanities or Social Science Elective	3	RELIGIOUS STUDIES	3
Mathematics and Science – 12 hrs.				
MA 134	Calculus I	4	MAT 181	4
MA 164	Calculus II	4	MAT 182	4
MA 213	Calculus III	3		
CH 104	General Chemistry I	4	CHE 141	4
PH 224	University Physics I	4	PHY 161	4
PH 234	University Physics II	4		
Additional Requirements - 9 hrs.				
MA 313	Introduction to Linear Algebra	3	MAT 345	3
MA 393	Probability & Statistics	3		
MA 473	Graph Theory & Combinatorics	3		
Computer Science Core – 52 hrs.				
CSIT 101	Intro Computer Science & Information Tech	1		
CS 1113	Intro to Object-Oriented Program	3		
CS 1123	C++ & Object Oriented Design	3		
CS 2103	Algorithm Design & Analysis	3	CIS 352	3
CS 2503	Software Engineering	3		
CSIT 103	Intro Information Systems	3	CIS 101	3
CSIT 203	Web Site Design	3		
CSIT 223	Network Management	3		
CSIT 243	Mobile Application Development	3		
CSIT 253	Artificial Intelligence & Information	3		
INF 343	Information Security	3		
SE 153	Client-Side Databases	3	CIS 325	3
SE 233	Systems Programming	3		
SE 303	Server-Side Databases	3	CIS 363	3
SE 393	Software Patterns & Team Development	3		
XR 313	Mixed Reality Development & Application	3		
CSIT 483	Senior Capstone I	3		
CSIT 493	Senior Capstone II	3		
Electives – 18 hrs.				
	Elective	3	MAT 174	3
	Elective	3	CIS 310	3
	Elective	3	CIS 120	3
	Elective	3	CIS 325	3
	Elective	3	CIS 363	3
	Elective	3	MAT 282 or MAT 356 or MAT 357	3
TOTAL		120		55

Transfer Policy

- Official transcripts and scores sent to Trine University.
- A grade of "C" or higher earned.