



Transfer Single Articulation Pathways
A.S. in Computer Science → B.S. in Computer Science

Year 3					
Fall Semester			Spring Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
CS 311	Algorithm Design and Analysis	3	CIS 367	Data Communications	3
ECE 241	Digital Logic	3	CS 321	Architecture of Digital Computers	3
ENG 201	Rhetoric and Composition II	3	CIS 377	Introduction to Database Concepts	3
	Writing Embedded Core	3	ECE 347	Microcomputer Engineering	3
	Diversity Embedded Core	3		Ways of Knowing Core	3
Semester Credit Total		15	Semester Credit Total		15
USI Cumulative Credit Total		15	Cumulative Credit Total		30

Year 4					
Fall Semester			Spring Semester		
Course Number	Course Title	Credit Hours	Course Number	Course Title	Credit Hours
CS 365	Operating Systems	3	CS 458	Advanced Programming in C#	3
CS 379	Programming Languages	3	CS 461	Artificial Intelligence	3
CS 478	Software Development	3	CS 483	Senior Software Development Project	3
	Global Embedded Core	3	CIS 375	Systems Analysis and Design	3
	Ways of Knowing Core (300/400 level)	3	BCOM 401	Business Career Planning and Prof. Develop.	1
KIN 192	Concepts in Wellness and Fitness	1		Ways of Knowing	3
Semester Credit Total		16	Semester Credit Total		16
USI Cumulative Credit Total		46	Cumulative Credit Total		62

Note: Student must meet USI graduation requirements: 120 credit hours; 39 credit at 300/400 level; 30 credit hours taken at USI; overall GPA of 2.0.