MOUNTAIN STATE UNIVERSITY				FRANKLIN UNIVERSITY			
CURRICULUM FOR				COURSES ACCEPTED IN TRANSFER FOR			
BACHELOR OF SCIENCE- COMPUTER SCIENCE				BACHELOR OF SCIENCE- COMPUTER SCIENCE			
MOUNTAIN STATE COURSES				FRANKLIN UNVERSITY EQUIVALENT			
Dept.	Number	Title	Credits	Dept.	Number	Title	Credits
ECON	201	Principles of Economics I	3	ECON	220	Intro to Macroeconomics	3
ECON	202	Principles of Economics II	3	ECON	210	Intro to Microeconomics	3
ENGL	101	English Composition I	3				3
AND				WRIT	120	College Writing	
ENGL	102	English Composition II	3				3
MATH	120	College Algebra	3	MATH	160	College Algebra	3
PHIL	190	Ethics	3	HUMN	211	Intro to Ethical Analysis & Reasoning	2
				XXXX	XXX	Humanities Elective	1
XXXX	XXX	Communication Elective	3	XXXX	XXX	General Education Elective	3
XXXX	XXX	Computer Proficiency Elective	3	XXXX	XXX	University Elective	3
XXXX	XXX	Humanities/ Fine Arts Elective	3	XXXX	XXX	Humanities Elective	3
XXXX	XXX	Natural Science Electives	6	SCIE	XXX	Science Electives (2) (1 Lab Needed)	6
XXXX	XXX	Social Science Elective	3	XXXX	XXX	Social Science Elective	3
CIS	120	Computer Science I	3	XXXX	XXX	University Elective	3
CIS	130	Progr & Problem Solving/C++	3	XXXX	XXX	University Elective	3
CIS	140	Computer Architecture	3	XXXX	XXX	University Elective	3
CIS	150	Discrete Structures	3	MATH	170	Discrete Math	3
CIS	220	Computer Science II	3	XXXX	XXX	University Elective	3
CIS	230	App Development Using VB.NET	3	XXXX	XXX	University Elective	3
CIS	250	Intro to Algorithms	3	XXXX	XXX	University Elective	3
CIS	261	Web Design & Development I	3	COMP	107	Intro to Web Authoring	3
CIS	262	Web Design & Development II	3	XXXX	XXX	University Elective	3
CIS	330	Object-Oriented Progr/Java	3	COMP	111	Intro: Comp Sci/Obj-Oriented Prog	3
CIS	340	Operating System Principles	3	COMP	203	Principles of Operating Systems	3
CIS	350	Analysis of Algorithms	3	COMP	121	Obj-Oriented Data Struc/Algor I	4
AND				XXXX	XXX	University Elective	2
CIS	355	Data Structures	3				
CIS	360	Database Management	3	COMP	281	Database Management Systems	3
CIS	370	Software Engineering	3	XXXX	XXX	University Elective	3
CIS	425	Practicum	12	XXXX	XXX	University Elective	12
CIS	430	Principles: Programming Lang.	3	COMP	202	Principles: Computer Languages	3
CIS	440	Intro: Compiler Desg & Constr	3	XXXX	XXX	University Elective	3
CIS	480	Special Topics	3	XXXX	XXX	University Elective	3
CIS	490	Senior Capstone	3	XXXX	XXX	University Elective	3
MATH	130	Plane Trigonometry	3	XXXX	XXX	General Education Elective	3
MATH	210	Calculus I	4	MATH	180	Calculus	4
MATH	212	Calculus II	4	XXXX	XXX	General Education Elective	4
MGMT	120	Intro to Business & Tech Skills	3	XXXX	XXX	University Elective	3
XXXX	XXX	Computer Science Elective	3	XXXX	XXX	University Elective	3
Total Semester Hours:			**122**	**Total Semester Hours:**			**122**

FRANKLIN UNIVERSITY			
COURSES TO BE COMPLETED AT FRANKLIN UNIVERSITY			
BACHELOR OF SCIENCE- COMPUTER SCIENCE			
ADDITIONAL FRANKLIN UNVERSITY COURSES			
Dept.	Number	Title	Credits
PF	321	Learning Strategies	2
HUMN	305	Global Issues	4
SPCH	100	Speech	4
MATH	380	Probability & Statistics	4
COMP	108	Intro to Databases	1
MIS	310	Info Syst. Architecture & Tech	4
MIS	320	Technical Communication	4
MIS	484	Information Systems Security	4
COMP	201	Principles: Computer Org	2
COMP	204	Principles: Computer Networks	2
COMP	205	Survey of Computer Languages	4
COMP	294	Computer Science Practicum I	2
COMP	311	Obj-Oriented Data Struc/Alg II	4
COMP	321	Application Server Programming	4
COMP	325	Human Computer Interaction	4
COMP	394	Computer Science Practicum II	2
COMP	461	Enterprise Software Arch	4
COMP	486	Obj-Oriented Analysis & Design	4
COMP	495	Comp Sci Practicum III	4
XXXX	XXX	Major Area Elective	4
Total Semester Hours:			**67**

For Mountain State University students, a minimum of 30 semester hours must be completed at Franklin University for a bachelor's degree.