



**Mercer University and Central Georgia Technical College
Transfer Agreement**

Bachelor of Science (B.S.) in Software Application Development and
Human-Computer Interaction

Mercer University Courses			CGTC Equivalent Courses		
Course #	Course Title	Semester Hours	Course #	Course Title	Semester Hours
Core in Major (45 semester hours)					
MATH 225	Topics in Discrete Mathematics	3		No equivalent course	
INFM 201	Introduction to Software Application Development and HCI	3		No equivalent course	
INFM 202	Graphics and Interface Design	3	CIST 2531	Web Graphics II	3
INFM 204	Digital Logic and Programming	3	CIST 1305	Program Design and Development	3
INFM 210	Introduction to Programming Concepts	3	CIST 2341 or CIST 2361 or CIST 2371	C# Programming I or C++ Programming I or Java Programming I	3
INFM 212	Web Development	3	CIST 1510 or CIST 1520 or CIST 2510	Web Development or Scripting Technologies or Web Technologies	3
INFM 310	Advanced Programming Concepts	3	CIST 2342 or CIST 2362 or CIST 2372	C# Programming II or C++ Programming II or JAVA Programming II	4

INFM 312	Data Base Design and Data Processing	3	CIST 1220	Structured Query Language	4
INFM 313	Data Base Design and Data Processing II	3		No equivalent course	
INFM 322 or INFM 332	Intro to Multimedia and Web Design Tools or Client-Server Development	3	CIST 2550	Web Development II	3
INFM 355	Systems Analysis and Design	3	CIST 2921	IT Analysis, Design, and Project Management	4
INFM 372	Human-Computer Interaction and Design	3		No equivalent course	
INFM 382	Mobile Applications Development	3	CIST 2381	Mobile Application Development	4
INFM 412	Agile Methodology and Usability Study/Testing	3		No equivalent course	
INFM 482	Capstone Project for Software Application Development and Human-Computer Interaction	3		No equivalent course	
Total major hours required		45			
General Education (39 semester hours)					
Total general education hours required		39	View the General Education transfer agreement.		
Electives (36 semester hours)					
Total elective hours required		36	Additional courses from Business and Accounting, Computer Information Systems, Criminal Justice, Education, Emergency Management, Fire Science, Social Work, and the Health Professions may transfer as free electives to the B.S. in Software Application Development and Human-Computer Interaction.		
Total semester hours required for completion of the B.S. in Software Application Development and Human-Computer Interaction		120			

Coursework with a grade of C or better is considered for transfer credit.