Course Transfer Matrix for the Bachelor of Science in Information Systems at Grantham University

	Associate of Applied Science Copmuter Programming State Technical College of Missouri			Bachelor of Science Information Systems Grantham University		
		neral Educ	ration Cou			
COM101	English Composition*		EN101	English Composition I	3.00	
COM121	Public Speaking*		CO101	Introduction to Public Speaking	3.00	
MAT115	College Algebra*		MA105	College Algebra	3.00	
PHY101/102	College Physics with a laboratory	4.00	PH220	Physics I	4.00	
	Social Science Elective	3.00		Behavioral & Social Science Electives	3.00	
	Technical Literacy Elective	3.00		General Education Elective	3.00	
	General Education Hours	19.00				
		Progra	m Core			
CPP122	Visual Basic Programming	3.00	CS192	Programming Essentials	3.00	
CPP140	Internship I (Required)	4.00		General Elective	4.00	
CPP215	Java Programming	3.00	CS200	Programming in Java	3.00	
CPP222	Database Systems Management and Design	3.00	CS270	Data Structures	3.00	
CPP223	Advanced Database Systems Management	3.00	CS371	Database Design	3.00	
CPP245	and Design	3.00		_		
	C# Programming		00200	Programming in C	3.00	
CPP237	Internet Programming	3.00		General Elective	3.00	
NST101	Network Fundamentals		CS216	Computer Networks	3.00	
BUS150	Business Principles	3.00		General Elective	3.00	
BUS260	Project Management	3.00		General Elective	3.00	
COM211	Technical Writing	3.00		General Education Elective	3.00	
COM125	Job Search Strategies	1.00		General Elective	1.00	
	Program Core Hours	35.00				
	Description	. Flastica	16	Onting		
CPP125	·	n Electives 3.00		General Elective		
	COBOL Programming Language	3.00		General Elective		
CPP133 CPP230	Operating Platforms	3.00				
CPP230	C++ Programming Language I* CPP/NST Electives	6.00	G205	Programming in C++ General Elective		
	Program Elective Hours	15.00		General Elective		
	Flogram Liective Hours	13.00				
	General Education Hours	19 00				
	General Education Hours Program Core Hours	19.00				
	Program Core Hours	35.00				
	Program Core Hours Program Elective Hours	35.00 15.00				
* Denotes	Program Core Hours Program Elective Hours Total Credit Hours	35.00 15.00 69.00		Vissouri		
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The follow	Program Core Hours Program Elective Hours Total Credit Hours course student must complete at State T wing table outlines the requirements nee rom Grantham University	35.00 15.00 69.00 echnical C	ollege of I		Credits	
The follow Systems f	Program Core Hours Program Elective Hours Total Credit Hours course student must complete at State T wing table outlines the requirements nee rom Grantham University	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	Credits 1.00	
The follow Systems f	Program Core Hours Program Elective Hours Total Credit Hours course student must complete at State T wing table outlines the requirements nee rom Grantham University Bachelor of	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information		
The follow Systems f Course #	Program Core Hours Program Elective Hours Total Credit Hours course student must complete at State T wing table outlines the requirements nee rom Grantham University Bachelor of Student Success	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00	
The follow Systems f Course # GU100 BA215	Program Core Hours Program Elective Hours Total Credit Hours sourse student must complete at State T wing table outlines the requirements nee from Grantham University Bachelor of Student Success Business Statistics Programming in C	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00	
The follow Systems f Course # GU100 BA215 CS263	Program Core Hours Program Elective Hours Total Credit Hours course student must complete at State T wing table outlines the requirements nee rom Grantham University Bachelor of Student Success Business Statistics	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00	
The follow Systems f Course # GU100 BA215 CS263 CS405	Program Core Hours Program Elective Hours Total Credit Hours s course student must complete at State T wing table outlines the requirements nee rom Grantham University Bachelor of Student Success Business Statistics Programming in C Software Engineering (CS336 & IS337)	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 4.00	
The follow Systems f Course # GU100 BA215 CS263 CS405 IS212	Program Core Hours Program Elective Hours Total Credit Hours s course student must complete at State T wing table outlines the requirements nee rom Grantham University Bachelor of Student Success Business Statistics Programming in C Software Engineering (CS336 & IS337) NET Concepts & Principles	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 4.00 3.00	
The follow Systems f Course # GU100 BA215 CS263 CS405 IS212 IS231	Program Core Hours Program Elective Hours Total Credit Hours so course student must complete at State T wing table outlines the requirements nee from Grantham University Bachelor of Student Success Business Statistics Programming in C Software Engineering (CS336 & IS337) .NET Concepts & Principles E-Commerce	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 4.00 3.00	
The follow Systems f Course # GU100 BA215 CS263 CS405 IS212 IS231 IS242	Program Core Hours Program Elective Hours Total Credit Hours so course student must complete at State Towning table outlines the requirements need from Grantham University Bachelor Courses Business Statistics Programming in C Software Engineering (CS336 & IS337) INET Concepts & Principles E-Commerce Management Information Systems	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 4.00 3.00 3.00	
The follow Systems f Course # GU100 BA215 CS263 CS405 IS212 IS231 IS242 IS306	Program Core Hours Program Elective Hours Total Credit Hours s course student must complete at State T wing table outlines the requirements nee rom Grantham University Bachelor of Student Success Business Statistics Programming in C Software Engineering (CS336 & IS337) INET Concepts & Principles E-Commerce Management Information Systems Web Design II	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 4.00 3.00 3.00 4.00	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS231 IS242 IS306	Program Core Hours Program Elective Hours Total Credit Hours so course student must complete at State Towning table outlines the requirements neerom Grantham University Bachelor of Student Success Business Statistics Programming in C Software Engineering (CS336 & IS337) INET Concepts & Principles E-Commerce Management Information Systems Web Design II Security Operations	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 4.00 3.00 3.00 4.00 3.00	
The follow Systems f GU100 BA215 CS263 CS263 IS212 IS231 IS242 IS306 IS311 IS336	Program Core Hours Program Elective Hours Total Credit Hours so course student must complete at State Towning table outlines the requirements neerom Grantham University Bachelor Commence Business Statistics Programming in C Software Engineering (CS336 & IS337) INET Concepts & Principles E-Commerce Management Information Systems Web Design II Security Operations Information Systems Analysis	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 4.00 3.00 3.00 4.00 3.00 3	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS231 IS242 IS306 IS311 IS336 IS337	Program Core Hours Program Elective Hours Total Credit Hours Social Credit Hours Course student must complete at State Towning table outlines the requirements neerom Grantham University Bachelor Courses Business Statistics Programming in C Software Engineering (CS336 & IS337) INET Concepts & Principles E-Commerce Management Information Systems Web Design II Security Operations Information Systems Analysis Information Systems Design & Imp (IS336)	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 3.00 3.00 4.00 3.00 3	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS221 IS242 IS306 IS311 IS336 IS337 IS351	Program Core Hours Program Elective Hours Total Credit Hours Social Credit Hours Course student must complete at State Towning table outlines the requirements neerom Grantham University Bachelor Courses Business Statistics Programming in C Software Engineering (CS336 & IS337) INET Concepts & Principles E-Commerce Management Information Systems Web Design II Security Operations Information Systems Analysis Information Systems Design & Imp (IS336) Information Systems Project Management	35.00 15.00 69.00 echnical C	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 3.00 3.00 4.00 3.00 3	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS212 IS231 IS242 IS306 IS311 IS336 IS337 IS351 IS376	Program Core Hours Program Elective Hours Total Credit Hours Total Cre	35.00 15.00 69.00 echnical C ded to rec	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 3.00 3.00 4.00 3.00 3	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS212 IS231 IS242 IS306 IS311 IS336 IS337 IS351 IS376	Program Core Hours Program Elective Hours Total Credit Hours Total Cre	35.00 15.00 69.00 echnical C ded to rec	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 3.00 3.00 3.00 3.00 3	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS212 IS231 IS242 IS306 IS311 IS336 IS337 IS351 IS376	Program Core Hours Program Elective Hours Total Credit Hours Course student must complete at State T wing table outlines the requirements nee rom Grantham University Bachelor C Student Success Business Statistics Programming in C Software Engineering (CS336 & IS337) NET Concepts & Principles E-Commerce Management Information Systems Web Design II Security Operations Information Systems Analysis Information Systems Design & Imp (IS336) Information Systems Project Management Advanced Database Systems Senior Research Project (all degree req.)	35.00 15.00 69.00 echnical C ded to rec	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 3.00 3.00 3.00 3.00 3	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS212 IS231 IS242 IS306 IS311 IS336 IS337 IS351 IS376	Program Core Hours Program Elective Hours Total Credit Hours so course student must complete at State Towning table outlines the requirements neerom Grantham University Bachelor Contents Student Success Business Statistics Programming in C Software Engineering (CS336 & IS337) NET Concepts & Principles E-Commerce Management Information Systems Web Design II Security Operations Information Systems Analysis Information Systems Project Management Advanced Database Systems Senior Research Project (all degree req.)	35.00 15.00 69.00 echnical C ded to rec	ollege of I	helor of Science Information	1.00 3.00 4.00 4.00 3.00 3.00 3.00 3.00 3	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS231 IS242 IS306 IS311 IS336 IS337 IS351 IS351 IS351 IS351	Program Core Hours Program Elective Hours Total Credit Hours so course student must complete at State Towning table outlines the requirements need from Grantham University Bachelor Courses Business Statistics Programming in C Software Engineering (CS336 & IS337) INET Concepts & Principles E-Commerce Management Information Systems Web Design II Security Operations Information Systems Analysis Information Systems Project Management Advanced Database Systems Senior Research Project (all degree req.) 300+ Level BA, CS, or IS electives Electives	35.00 15.00 69.00 echnical C ded to rec Progra Program	ollege of I eive a Bac	helor of Science Information	1.00 3.00 4.00 4.00 3.00 3.00 3.00 3.00 3	
The follow Systems f GU100 BA215 CS263 CS405 IS212 IS231 IS242 IS306 IS311 IS336 IS337 IS351 IS376 IS498	Program Core Hours Program Elective Hours Total Credit Hours so course student must complete at State Towning table outlines the requirements neerom Grantham University Bachelor Contents Student Success Business Statistics Programming in C Software Engineering (CS336 & IS337) NET Concepts & Principles E-Commerce Management Information Systems Web Design II Security Operations Information Systems Analysis Information Systems Project Management Advanced Database Systems Senior Research Project (all degree req.)	35.00 15.00 69.00 echnical C ded to rec Progra Program	eive a Bac	helor of Science Information	1.00 3.00	