

Computing Systems = 18 hours of core + required electives
 Specialization 12 hours of "free" electives
 30 Hours Total for Degree

Must earn grades of "B" or higher in **all** courses that count in Area of Specialization. Must earn a minimum of 3.0 overall GPA to graduate. Only letter grade coursework will count.

SECTION 1 - Demographics

Name: _____

GT ID: _____

Graduation Semester: _____

Date: _____

SECTION 2 – Computing Systems Core (9 hours)

Mark (X)	Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade
	CS 6505	Computability, Algorithms, and Complexity			
	CS 6515	Introduction to Graduate Algorithms <i>(formerly CS 8803 GA Graduate Algorithms)</i>			

And, pick two (2) of:

Mark (X)	Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade
	CS 6210	Advanced Operating Systems			
	CS 6241	Compiler Design			
	CS 6250	Computer Networks			
	CS 6290	High-Performance Computer Architecture			
	CS 6300 OR CS 6301	Software Development Process OR Advanced Topics in Software Engineering <i>(formerly CS 8803 ASE)</i>			
	CS 6390	Programming Languages			
	CS 6400	Database Systems Concepts and Design			

Transfer Credit / Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

SECTION 3 – Computing Systems Required Electives (9 hours)

Pick three (3) from:

Mark (X)	Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade
	CS 6035	Introduction to Information Security			
	CS 6200	Graduate Introduction to Operating Systems <i>(formerly CS 8803-002)</i>			
	CS 6220	Big Data Systems and Analytics <i>(formerly CS 8803 BDS)</i>			

	CS 6235	Real Time Systems			
	CS 6238	Secure Computer Systems			
	CS 6260	Applied Cryptography			
	CS 6262	Network Security			
	CS 6263	Intro to Cyber Physical Systems Security			
	CS 6291	Embedded Software Optimizations <i>(formerly CS 8803-004)</i>			
	CS 6310	Software Architecture and Design			
	CS 6340	Software Analysis and Testing			
	CS 6365	Introduction to Enterprise Computing			
	CS 6422	Database System Implementation			
	CS 6550	Design and Analysis of Algorithms			
	CS 6675	Advanced Internet Computing Systems and Applications			
	CS 7210	Distributed Computing			
	CS 7260	Internetworking Architectures and Protocols			
	CS 7270	Networked Applications and Services			
	CS 7290	Advanced Topics in Microarchitecture			
	CS 7292	Reliability and Security in Computer Architecture			
	CS 7560	Theory of Cryptography			
	CS 8803-FLP	FPL Special Topics: Foundations of Programming Languages			
	CSE 6220	Intro to High-Performance Computing			

Transfer Credit / Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

SECTION 4 – “Free” Electives (12 hours) *“Free” Electives are any remaining letter grade courses not used above and within program rules.*

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

Transfer Credit / Substitutions

Prefix & No.	Course Title	Semester Taken	Credit Hours	Grade

This section to be completed by MSCS Advisor

S-GPA: _____ C-GPA: _____

Notes:

Advisor Sign _____ Date _____