Master of Science in Computer Science

		Prerequisites	Semester	Grade
Name:				
ID:		150 Comp Sci I		
Street Address:		250 Comp Sci II		
City, State, Zip:		280 Comp Sci III		
Home Phone:		MATH 245		
Work Phone:		ELP, if required		
Email:				
RU Email:				
First Enrolled:				
Campus:				
Day/Night:				

Graduate Level Requirements for the MS in Computer Science (33 total semester hours)

A. Ten courses choses in consultation with your advisor (30 semester hours)

	3 Required Core Courses
	3 Graduate Seminar Courses
	4 CST 4XX elective courses: 3 chosen from list iii. below, and one open elective

i. Required Courses (9 semester hours)

Grade				Sem. Registered	Advised by	Date
	CST	401	Web Search			
	CST	402	Cloud Computing			
	CST	408	Advanced Algorithms			

ii. Graduate Seminars (9 semester hours) -- Choose 3 from:

Grade				Sem. Registered	Advised by	Date
	CST	411	Artificial Intelligence			
	CST	412	Theory of Computation			
	CST	413	Information in Society			
	CST	455	Computer Science			

iii. Electives (9 semester hours) -- Choose 3 from:

Grade				Sem. Registered	Advised by	Date
	CST	405	Adv. Data Structures			
	CST	410	Formal Lang & Automata			
	CST	415	Parallel & High Perf. Computing			
	CST	427	Combinatorics			
	CST	428	Linear Programming			
	CST	440	Architecture			
	CST	442	Sattelite Communications			
	CST	444	OOP & the .net Framewk			
	CST	450	Boolean Alg & Sw Thy			
	CST	451	Bioinformatics			
	CST	465	Network Applications			
	CST	466	Cryptography			
	CST	467	Web-based Data Apps			
	CST	468	Internet Security			
	CST	471	Distributed Databases			
	CST	472	Programming Languages			
	CST	475	Computer Forensics			
	CST	476	Distributed Apps			
	CST	478	Pattern Recognition			
	CST	481	Artificial Intelligence			
	CST	482	Computer Graphics			
	CST	486	Information Retrieval			

iv. CST 4XX Open Elective Course (3 semester hours) -- CST 485 or other CST 4XX

Grade				Sem. Registered	Advised by	Date

B. Capstone or Comprehensive Exam (3 semester hours)

For fulfilling the project option students should take CST 485 Thesis/Project Research (in section iv. above during their second to last semester) and CST 490 Thesis or 499 Project (in their last semester).

For fulfilling the comprehensive exam option students may choose to take one more CST 4XX course from section iii. above and then the comprehensive exam.

Grade				Sem. Registered	Advised by	Date