Plan of Study and Graduation Checklist: MSCS

Name: _____

ID#: _____   Program Start Date: _____

Date: _____   Projected Grad Date: _____

Please enter the term the course was taken or will be taken (e.g., Fall '12) and email the completed form to the Graduate Program Coordinator.

Course	Course (prerequisite)	3 Mandatory Core Courses	3 Flex-Core Courses	3 Breadth Courses (each course from a different area)	2 Depth Courses (600 and up)	Thesis (6 Credits) or Non-Thesis Option (2 additional CS electives 600 and up)	2 Electives (600 and up; for courses outside CS, please review the CS web site for approved courses)	Notes/ Grade
Pre-core: Approval of the Graduate Advisor is required to take these courses, otherwise they will NOT count towards your degree.								
CS 520	Computer Science Foundations							
CS 571	Programming Tools & Environments							
Core Courses								
CS 521	Data Structures/Algorithms I							
CS 525	Theory of Computation (PR CS 521)							
CS 550	Programming Languages							
Artificial Intelligence and Robotics								
CS 510	Artificial Intelligence							
CS 511	Robot Lab (PR CS 510 OR CS 583)							
CS 610	Adv. Artificial Intelligence (PR CS 510)							
CS 612	Knowledge Based Agents (PR CS 510)							
CS 613	Machine Learning (PR CS 510)							
CS 770	Topics Artifical Intelligence (PR CS 610)							
Algorithms and Theory								
CS 522	Data Structures/Algorithms II (PR CS 521)							
CS 620	Advanced Algorithms (PR CS 522)							
CS 621	Approximation Algorithms (PR CS 522)							
CS 623	Computational Geometry (PR CS 521)							
CS 676	Parallel Programming (PR CS 521 & CS 543)							
Computer Graphics and Vision								
CS 536	Computer Graphics I							
CS 583	Introduction to Computer Vision							
CS 637	Interactive Computer Graphics (PR CS 536)							
CS 634	Advanced Computer Vision (PR CS 583)							
CS 636	Advanced Computer Graphics (PR CS 536)							
Human Computer Interaction								
CS 530	Developing User Interfaces							
CS 630	Cognitive Systems (PR CS 510 OR CS 530)							
CS 631	HCI: Computing off the Desktop (PR CS 530)							
Systems								
CS 544	Computer Networks							
CS 500	Database Theory							
CS 543	Operating Systems I							
CS 643	Advanced Operating Systems (PR 543)							
CS 645	Network Security (PR CS 543 & CS 544)							
CS 647	Distributed Software Systems (PR CS 543)							
CS 751	Database Theory II (PR CS 500)							
CS 741	Computer Networks II (PR CS 544)							

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Numerical and Scientific Computation								
CS 540	High Performance Computing							
CS 567	Applied Symbolic Computation							
CS 668	Computer Algebra I (PR CS 521)							
CS 669	Computer Algebra II (PR CS 668)							
Programming Languages and Compilers								
CS 551	Compiler Construction I (PR CS 525)							
CS 552	Compiler Construction II (PR CS 551)							
CS 650	Program Generation & Optimization (PR CS 550 & CS 540)							
CS 676	Parallel Programming (PR CS 521 & CS 543)							
CS 759	Complexity Theory (PR CS 525)							
Software Engineering								
CS 575	Software Design							
CS 576	Dependable Software Systems							
CS 675	Reverse Engineering (PR CS 575)							
CS 780	Advanced Topics in SE							
Special Topics Courses								
CS 680								
CS 680								
CS 680								
CS 680								
CS 898: Masters Thesis								
CS 898	Masters Thesis							
CS 997: Research								
CS 997	Research in Computer Science							
CS 690: Independent Study								
CS 690	Independent Study in Computer Science							
Miscellaneous								

All course requirements met?	
15 courses taken (not counting GCP) w/ a C or better?	
45 credits taken (not counting GCP) w/ a C or better?	
If thesis option, thesis complete?	**Date completed:**
Additional notes:	

Signature of Advisor _____   **Date** _____