Plan of Study and Coursework Checklist: PhD

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	4 Inter-mediate or Advanced CS Courses (3 must be from different areas of concentration)	6 Depth Courses (600 and up, must include at least 3, but no more than 9, IS credits)	Notes/ Grades
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					
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 AND 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)					
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)					

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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 AND CS 540)					
CS 676	Parallel Programming (PR CS 521 AND 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 690: Independent Study						
CS 690	Independent Study in Computer Science					
CS 690	Independent Study in Computer Science					
CS 690	Independent Study in Computer Science					
Miscellaneous						

All course requirements met?	
GPA above a 3.0?	
Date (or anticipated date) of Candidacy Exam:	
Applying for a Master's Degree?	
Additional notes:	

Signature of Advisor _____ **Date** _____