

Required Courses for Ph.D.

Student Name
 Degree Sought
 Date of Admission

Required Courses for Ph.D.	Course Meeting Requirements	Year/ Semester	Grade
CS 6100 Foundations in Computer Science	6110		
	7120		
	7960		
	6100		
CS 5460 Operating Systems	6460		
	6480		
	5460		
CS 6810 Advanced Computer Architecture	6820		
	6830		
	6710		
	6720		
	6770		
	6740		
	6810		
Two of the following four courses			
CS 5470 Compiler Principles and Techniques	6470		
	6820		
	5470		
CS 5480 Data Communications and Networking	6480		
	6460		
	5480		
CS 6520 Programming Languages & Semantics	6470		
	6520		
CS 6210 Advanced Scientific Computing	7240		
	6220		
	7120		
	6210		
		Total GPA	

Student Signature
 Date
 Graduate Studies Director
 Date

With the approval of the Graduate Studies Committee a student may replace one or more of these courses with a more advanced course in the same or related subject area. Substitute courses must be "regular" courses with exams and assignments, not seminars, readings, or independent study classes.

Most of the 1 credits of the 27 semester hours of regular graduate course work required of the Ph.D. candidates can consist of the specified courses listed above. Substituted courses approved by the Graduate Studies Committee are not included in this limitation.

Ph.D. students must demonstrate core knowledge in computer science by passing 5 specific courses, prior to the start of their fifth semester of study, with grades of B or better in each course and an overall GPA in the specified courses greater than 3.5.

