

Requirements for PhD in Computer Science

Student Name:

	Major Course requirements	Transfer courses accepted
	4 core courses in 3 areas, and another 2 core courses in any area	
	Computing Systems	
	525 Principles of computer Networking	
	552 Advanced Operating Systems	
	547 Green Computing	
	553 Principles of Compilation	
	576 Computer Architecture	
	Theory & Algorithms	
	545 Design and Analysis of Algorithms	
	550 Algorithms in Biology	
	573 Theory of Computation	
	Software Systems	
	520 Principles of Programming Languages	
	522 Parallel and Distributed Programming	
	560 Database Systems Implementation	
	566 Computer Security	
	Applications	
	533 Computer Graphics	
	537 Computational Geometry	
	Artificial Intelligence	
	577 Introduction to Computer Vision	
	ISTA 521 Introduction to Machine Learning	
	6 units in CS graduate courses	
	12 Units research courses, typically 695C	
	1 unit C SC 695a + 10 colloquia attended	
	Minor Course Requirements: 9 units for internal minor, 12 for external minor	
	Qualifying Exam	Date & Result
	3-semester Portfolio	
	5 semester Portfolio (final)	
	Comprehensive Exam	Date & Result
	Written (research proposal)	
	Oral Presentation	
	Dissertation Defense	Date & Result

Requirements for PhD in Computer Science

Additional Graduation Requirements

- As and Bs in all core classes
- 3.5 GPA in core classes
- 3.33 GPA overall

Please complete and submit this check sheet along with your plan of study to the Academic Services Office. This check sheet must also be signed by your faculty advisor.

For faculty advisor

I verify I have reviewed the student's plan of study and approve of the courses outlined therein. I also confirm that I approve of any transfer course work and/or other deviations from the prescribed curriculum as detailed on this check sheet.

Advisor's Signature

Advisor's Name (Printed)

Date