

## PhD Portfolio Check Sheet

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Student Name: \_\_\_\_\_

University Email Address: \_\_\_\_\_

Up for (check one):    Third semester review   

Fifth semester review   

### ***3<sup>rd</sup> and 5<sup>th</sup> Semester Students***

#### **Required Components**

##### **Statement of Purpose**

In one to two pages, describe your research efforts to date and research plans for the future. It is particularly important to know (1) what research projects you have worked on or are planning, (2) the extent to which you were the driving force behind those projects, and (3) how your work uniquely contributes to your field.

##### **Completed Curriculum Check Sheet (attached)**

Please provide the grade of courses you have completed on the attached check sheet, including transfer coursework (if applicable) in the appropriate section. Please write "IP" (in progress) for classes that you are enrolled in for next semester. By the fifth semester, you must have completed at least 18 credit hours of graded courses with a minimum of a 3.0 GPA.

##### **Curriculum Vitae**

Include relevant details about your publications and presentations (authors, author order, venue) and whether submitted or accepted.

### ***5<sup>th</sup> Semester Students***

#### **Required Components**

##### **Evidence of Research Ability/Achievement**

Please attach complete copies (with authorship) of published or submitted papers. Rejected papers/reports that will be submitted for publication in the near future, or substantive papers prepared for class may also be included. Be sure to explain your contribution to the work in your statement of purpose.

##### **Two Letters of recommendation from CS faculty**

Faculty should discuss your capabilities and potential for PhD research, and address your role in the research projects you describe above. The package of letters will make a stronger case if they are not all from faculty in your area.

#### **Optional Components:**

##### **Other letters of recommendation**

Although we will rely most heavily on letters from faculty, you are free to solicit supporting letters from faculty in other departments, employers or industry collaborators, students in classes TA'd by the candidate, etc. Most students won't need additional letters, but they are welcome.

##### **Other material**

Some of our students have won competitive fellowships, represented their labs at conferences, reviewed papers for conferences and journals, sit on campus-wide committees, or represent their peers at faculty meetings. You are encouraged to report such laudable activities in your statement of purpose.

More information about the portfolio requirement can be found at:

<http://www.cs.arizona.edu/graduate/portfolioRequirements.html>

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