

PhD from Master's QI Course Requirements Check
[PhD from Master's QI Course/Program requirements](#)
Full Name: _____

UW ID: _____

Steps:

1. Input details from your unofficial graduate transcript into part A. See page 2 for the areas table and helpful links.
2. Complete Part B by selecting from the drop down.

Part A

Course (CS XXX)	Term Course Taken	Grade %	Research Area	Comments (Transfer course/special approval etc.)

Remedial Courses (if applicable)				
CGPA				

Part B

Requirement	Complete? (Yes/No)
1 course @800 level	
3 courses above 600 level	
4 courses total	
At most 1 non-CS courses	
Not more than 2 courses in the same area	
CS 768/QIC 710 (can count in the 4 required courses)	
QIC 750 (cannot count in the 4 required courses)	
Completion of 2 additional QI courses	
All courses above 70%?	
CGPA above 80%	

IF APPLICABLE	
Remedials complete*	
OTHER (ie. probationary requirements)	

*Remedial courses would be noted in your offer of admission



Table of Categories and Areas of Courses

<i>Category</i>	<i>Area</i>	<i>UW CS Courses</i>
Computing Technology	Software Engineering	645, 646, 647, 745, 746, 846
	Programming Languages	642, 644, 744, 842
	Hardware and Software Systems	650, 652, 654, [655], 656, 657, 658, 755, 758, 854, 856, 858**, 869
Mathematics of Computing	Algorithms and Complexity	662, 664, 666, 758, 761, 762, 763, 764, 765, 767, 840, 858**, 860
	Scientific and Symbolic Computing	[670], 672, 673, 675, 676, 687, 770, 774, 775, 778, 779, 780, 870, 887
	Computational Statistics	685, 786, 885, STAT 841, STAT 844, STAT 850
	Quantum Information and Computation	[667], 766, 768, 867
Applications	Artificial Intelligence	684, 685, 686, 784, 785, 786, 787, 886
	Databases	[640], 648, 740, 741, 742, 743, 848, 856*
	Graphics and User Interfaces	649, 688, 781, 783, 788, 789, 791, 888, 889
	Bioinformatics	682, 683, 782, 882
	Health Informatics	792, 793

* The versions of CS 856 entitled "Internet-Scale Distributed Data Management" and "Web Data Management" can be used as a database course. ** CS 858 can be used as a hardware & software course or as an algorithm course, depending on the course offering.

Course List by Term (check here for special topics courses): [Current course offerings](#) | [Cheriton School of Computer Science](#) | [University of Waterloo \(uwaterloo.ca\)](#)

Approved Non-CS Course List: [Non-CS courses and special topic courses approved for course requirements](#) | [Cheriton School of Computer Science](#) | [University of Waterloo \(uwaterloo.ca\)](#)

