2006-2007 BCS/Software Engineering Option Checklist

Under "Required Courses" fill in forty unique courses (20 units) that you have passed but not excluded. Then verify that those courses also satisfy the "Additional Constraints".

Required Courses		Additional Constraints
☐7.5 CS Units	3.5 Math units	Two of (Applications courses) ² :
☐CS 125, 133, 135, 3xx	☐Math 1[34]5	☐ CS 343 ☐ CS 456 or ECE 428
or 4xx	☐Math 1[34]6	☐ CS 444 ☐ CS 457
☐CS 134 or 136	☐ Math 1[34]7	☐ CS 450 or ECE 429 ☐ CS 486 or ECE 457
☐CS 240	☐Math 1[34]8	☐CS 452 ☐CS 488
☐CS 241	☐Math 2[34]9	☐CS 454 or ECE 454 ☐EC 484
☐CS 245	☐Stat 2[34]0	
☐CS 246	☐Stat 2[34]1	One of (societal issues): CS 492, GENE 411, ME 401, PHIL 215, 315, STV 100, 202, 302
☐CS 251	5.0 Non-math	
☐CS 341	Units	One of (business issues): BUS 111W, 121W, GENE 452, HRM 200, MSCI 211, 311, MTHEL 400
CS 348 ¹		One of (reasoning methodologies): PHIL 145,
☐CS 350		200J, 243, PMATH 330
\square CS 340-398 ¹ ; 440-489 ¹		One of (communications): ENGL 109, 119, 140R,
☐CS 445		209, 210E, 210F, 210G, 219, 309E, 376R, 392A, 392B, SPCOM 223, 225, 324, or an additional
☐CS 446		course from the societal, or business lists
☐CS 447		
CS 340-398 ¹ or 440- 498 ¹ or CS 6xx or CS		Non-math units that satisfy one of:
7xx or STAT 440 or CO		A minor, joint or full Honours plan from outside of the Mathematics Faculty
487		Elective <u>breadth and depth requirement</u> ³ :
		All of (breadth):
☐ 4.0 Elective Units		1.0 units from Arts Group A
		1.0 units from Arts Group B
		0.5 units from the Faculty of Science
		\square 0.5 units from the Faculties of Science,
Additional Constraints		Applied Health Sciences or
Additional Constraints		Environmental Studies
Eight terms enrolled in at least three courses totaling 1.5 units		One of (depth):
No more than 3.0 units of excluded courses and		1.5 units at the 3 rd year level or higher with the same prefix
non-excluded courses failed prior to the Fall 2004 term		1.5 units with the same prefix forming a prerequisite chain of length three
CS Major Average of 60% or higher		An alternate plan approved by a CS Advisor
Cumulative Average of 60% or higher		
English Writing Skills		
Coop requirements met, if an	pplicable	

Disclaimer: This checklist is a handy tool but is not a substitute for the official degree regulations. If there is a question of interpretation or a discrepancy, the University Calendar always takes precedence.

¹ For the Fall 2006 and Winter 2007 terms, CS 348 can be taken to receive a credit in CS 448.

² Effective September 2007, CS 349 and CS 448 are added to the list of applications.

³ See http://www.cs.uwaterloo.ca/current/programs/require/2006-2007/depthAndBreadth.shtml