2010-2011 BCS/Bioinformatics Checklist

Required Courses		Additional Constraints

Required Courses

☐ 7.0 CS Units
- ☐ CS 115, 135, 3xx or 4xx
- ☐ CS 136 or 145
- ☐ CS 240
- ☐ CS 241
- ☐ CS 245
- ☐ CS 246
- ☐ CS 251
- ☐ CS 341
- ☐ CS 350
- ☐ CS 340-398; 440-489[1] (Rec: CS348)
- ☐ CS 340-398; 440-489[1] (Rec: CS486)
- ☐ CS 482
- ☐ CS 483
- ☐ CS 440-498[1]

☐ 2.5 Elective Units
- ☐ (Rec: BIOL 331)
- ☐ (Rec: BIOL 342)
- ☐ (Rec: BIOL 359)
- ☐ (Rec: CHEM 333)
- ☐ (Rec: STAT 333)

☐ 3.5 Math units
- ☐ Math 1[34]5
- ☐ Math 1[34]6
- ☐ Math 1[234]7
- ☐ Math 1[234]8
- ☐ Math 2[34]9
- ☐ Stat 2[34]0
- ☐ Stat 2[34]1

☐ 7.0 Non-math Units
- ☐ BIOL 130
- ☐ BIOL 130L
- ☐ BIOL 139
- ☐ BIOL 140
- ☐ BIOL 140L
- ☐ BIOL 208
- ☐ BIOL 250 or 265
- ☐ BIOL 308
- ☐ BIOL 365
- ☐ BIOL 465
- ☐ CHEM 120
- ☐ CHEM 120L
- ☐ CHEM 123
- ☐ CHEM 123L
- ☐ CHEM 237
- ☐ CHEM 266

Additional Constraints

☐ Eight terms enrolled in at least three courses totaling 1.5 units

☐ No more than 3.0 units of excluded courses

☐ CS Major Average of 60% or higher

☐ Biology Major Average of 60% or higher

☐ Cumulative Average of 60% or higher

☐ English Writing Skills

☐ Coop requirements met, if applicable, including a minimum of five PD courses.

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.

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[1] At least one of the three courses must be from either the Systems and SE list or the Mathematical Foundations list for the BCS shown on page 10:15.

Source: http://www.cs.uwaterloo.ca/current/programs/require/2010-2011/bcs_bio.pdf