Degree Checklists

FSE 2005-06 Checklist[1] — BSc Degree

Computer Science Requirements					Credit Count
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
3000-level	One course from each area:				
	Theory CSE3101 3 0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE34_____ 3.0		6
	Two more courses CSE3_____ 3.0		CSE3_____ 3.0		6

Faculty Requirements

General Education Courses: _____ _____ _ ___ _____ ___ 12

6 credits from: BIOL1010 6.0 BIOL1410 6.0 PHYS1010 6.0 PHYS1410 6.0
(CHEM1000 3.0 + CHEM1001 3.0) (EATS1010 3.0 + EATS1011 3.0) 6

Additional courses as required for an overall total of 66 SC credits within the credit total.

Minimum total credits 90

[1] *A minimum cumulative grade point average of 4.0 over all courses is required to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

FSE 2005-06 Checklist[2] International BSc (iBSc) Honours

This program includes a **Language Proficiency** component and a mandatory full time **Study Abroad** component (minimum one term / with 9 credits per term), plus an optional summer study, research, or internship abroad. Language Proficiency: Students must meet a language proficiency requirement in order to undertake the required exchange term. Proficiency is assessed by York International for all students who apply for a study period abroad, and the same will apply to iBSc students. If a student does not meet the language proficiency they will be required either to postpone the exchange or to choose an exchange experience to a region where they do have the language proficiency.

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	MATH1025 3.0	12
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
4000-level	Four courses	CSE4_____ 3.0	CSE4_____ 3.0		6
		CSE4_____ 3.0	CSE4_____ 3.0		6

Faculty Requirements[3]

General education and elective courses with an international content or perspective
(chosen in consultation with an advisor to ensure appropriate international content)
_____ _____ 18

Language courses to prepare students for international placements _____ 12

6 credits from: BIOL1010 6.0 BIOL1410 6.0 PHYS1010 6.0 PHYS1410 6.0
(CHEM1000 3.0 + CHEM1001 3.0) (EATS1010 3.0 + EATS1011 3.0) 6

Other Courses
Including 1. additional 3000- and 4000-level credits for an overall total of 42
2. additional SC credits for an overall total of 90

Minimum total credits 120

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[2] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. If the second major is BIOL a minimum cumulative grade-point-average of 6.0 over all SC courses is also required. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

[3] *The other major may include additional general education and 1000-level SC requirements.*

FSE 2005-06 Checklist[4]

BSc Honours
BSc Honours Double Major Degree
BSc Honours Major/Minor (CSE Major) Degree

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
4000-level	Four courses	CSE4_____ 3.0	CSE4_____ 3.0		6
		CSE4_____ 3.0	CSE4_____ 3.0		6

Faculty Requirements[5]

General Education Courses: _____ _____ 12

6 credits from: BIOL1010 6.0 BIOL1410 6.0 PHYS1010 6.0 PHYS1410 6.0
(CHEM1000 3.0 + CHEM1001 3.0) (EATS1010 3.0 + EATS1011 3.0) 6

Other Honours Subject (if applicable) and Other Courses

Including
1. non-CSE/non-MATH credits for an overall total of 30
2. additional 3000- and 4000-level credits for an overall total of 42
3. additional SC credits for an overall total of 90

Minimum total credits 120

[4] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. If the second major is BIOL a minimum cumulative grade-point-average of 6.0 over all SC courses is also required. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

[5] *The other major may include additional general education and 1000-level SC requirements.*

FSE 2005-06 Checklist[6]

BSc Honours
BSc Honours Double Major Degree
BSc Honours Major/Minor (CSE Major) Degree

Intelligent Systems Stream

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus				1
	Theory CSE3101 3.0		Software	CSE3311 3.0	6
	Systems CSE3221 3.0		Applications	CSE3401 3.0	6
				CSE3402 3.0	3
4000-level	Three courses:				
		CSE4081 6.0	CSE4401 3.0 **or** CSE4402 3.0		9
		CSE4421 3.0 **or** CSE4422 3.0			3

Faculty Requirements[7]

General Education Courses: _____ _____ 12

6 credits from: BIOL1010 6.0 BIOL1410 6.0 PHYS1010 6.0 PHYS1410 6.0
(CHEM1000 3.0 + CHEM1001 3.0) (EATS1010 3.0 + EATS1011 3.0) 6

Other Honours Subject (if applicable) and Other Courses

Including
1. non-CSE/non-MATH credits for an overall total of 30
2. additional 3000- and 4000-level credits for an overall total of 42
3. additional SC credits for an overall total of 90

Minimum total credits 120

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[6] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. If the second major is BIOL a minimum cumulative grade-point-average of 6.0 over all SC courses is also required. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

[7] *The other major may include additional general education and 1000-level SC requirements.*

FSE 2005-06 Checklist[8]

BSc Honours
BSc Honours Double Major Degree
BSc Honours Major/Minor (CSE Major) Degree

Interactive Systems Stream

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus				1
	Theory CSE3101 3.0		Software	CSE3311 3.0	6
	Systems CSE3221 3.0		Applications	CSE3401 3.0	6
				CSE3461 3.0	3
4000-level	Four courses:				
		CSE4082 6.0			6
And three of	CSE4431 3.0	CSE4441 3.0	CSE4461 3.0	CSE4471 3.0	9

Faculty Requirements[9]

General Education Courses: _____ _____ 12

6 credits from: BIOL1010 6.0 BIOL1410 6.0 PHYS1010 6.0 PHYS1410 6.0
(CHEM1000 3.0 + CHEM1001 3.0) (EATS1010 3.0 + EATS1011 3.0) 6

Other Honours Subject (if applicable) and Other Courses

Including
1. non-CSE/non-MATH credits for an overall total of 30
2. additional 3000- and 4000-level credits for an overall total of 42
3. additional SC credits for an overall total of 90

Minimum total credits 120

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[8] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. If the second major is BIOL a minimum cumulative grade-point-average of 6.0 over all SC courses is also required. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

[9] *The other major may include additional general education and 1000-level SC requirements.*

FSE 2005-06 Checklist[10]

BSc Honours
BSc Honours Double Major Degree
BSc Honours Major/Minor (CSE Major) Degree

Communication Networks Stream

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus				1
	Theory	CSE3101 3.0	Software	CSE3311 3.0	6
	Systems	CSE3221 3.0	Applications	CSE3401 3.0	6
		CSE3213 3.0		CSE3451 3.0	6
4000-level	Three courses:				
		CSE4084 6.0			6
and		CSE4213 3.0		CSE4214 3.0	6

Faculty Requirements[11]

General Education Courses: _____ _____ 12

6 credits from: BIOL1010 6.0 BIOL1410 6.0 PHYS1010 6.0 PHYS1410 6.0
(CHEM1000 3.0 + CHEM1001 3.0) (EATS1010 3.0 + EATS1011 3.0) 6

Other Honours Subject (if applicable) and Other Courses

Including
1. non-CSE/non-MATH credits for an overall total of 30
2. additional 3000- and 4000-level credits for an overall total of 42
3. additional SC credits for an overall total of 90

Minimum total credits 120

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[10] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. If the second major is BIOL a minimum cumulative grade-point-average of 6.0 over all SC courses is also required. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

[11] *The other major may include additional general education and 1000-level SC requirements.*

FSE 2005-06 Checklist[12]

BSc Honours Major/Minor (CSE Minor) Degree

Computer Science (Minor) Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0	plus one course from each area below			1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
4000-level	Four courses	CSE4_____ 3.0	CSE4_____ 3.0		6

Faculty Requirements[13]

General Education Courses: _____ _____ 12

6 credits from: BIOL1010 6.0 BIOL1410 6.0 PHYS1010 6.0 PHYS1410 6.0
(CHEM1000 3.0 + CHEM1001 3.0) (EATS1010 3.0 + EATS1011 3.0) 6

Other Honours Subject and Other Courses

Including 1. additional 3000- and 4000-level credits for an overall total of 42
2. additional SC credits for an overall total of 90

Minimum total credits 120

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[12] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. If the major is BIOL a minimum cumulative grade-point-average of 6.0 over all SC courses is also required. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

[13] *The other major may include additional general education and 1000-level SC requirements.*

FSE 2005-06 Checklist[14] BSc Specialised Honours Degree

Computer Science Requirements **Credit Count**

1000-level:	CSE1020 3.0 CSE1030 3.0 CSE 1019 3.0	9
	MATH1025 3.0 MATH1090 3.0 MATH1300 3.0 MATH1310 3.0	12
2000-level:	CSE2001 3.0 CSE2011 3.0 CSE2021 4.0 CSE2031 3.0	13
	MATH2030 3.0	3
3000-level	CSE3002 1.0 plus one course from each area below	1
	Theory CSE3101 3.0 Software CSE3311 3.0	6
	Systems CSE3221 3.0 Applications CSE3401 3.0	6
	Two more courses:	
	CSE3_____ 3.0 CSE3_____ 3.0	6
4000-level:	CSE4101 3.0 or CSE4111 3.0 or CSE4115 3.0	3
	CSE4_____ 3.0 CSE4_____ 3.0 CSE4_____ 3.0	9
Two courses (3000- or 4000-level)		
	CSE_____ 3.0 CSE_____3.0	6

Faculty Requirements

General Education Courses: _____ _____ 12

6 credits from:	BIOL1010 6.0 BIOL1410 6.0 PHYS1010 6.0 PHYS1410 6.0	
	(CHEM1000 3.0 + CHEM1001 3.0) (EATS1010 3.0 + EATS1011 3.0)	6

Additional courses satisfying

1. More SC credits (as required for an overall total of 90)
2. More non-CSE, non-MATH credits (as required for an overall total of 30)
3. More 3000- or 4000-level credits (as required for an overall total of 42)

Minimum total credits 120

[14] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

FSE 2005-06 Checklist[15] **BSc Specialised Honours Degree**
Intelligent Systems Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE 1019 3.0		9
	MATH1025 3.0	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3402 3.0	CSE3_____ 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4081 6.0				6
Two more courses					
	CSE4401 3.0 **or** CSE4402 3.0		CSE4421 3.0 **or** CSE4422 3.0		6
One course	CSE3_____3.0 **or** CSE4_____3.0				3

Faculty Requirements

General Education Courses:	_____	_____		12
6 credits from:	BIOL1010 6.0	BIOL1410 6.0	PHYS1010 6.0 PHYS1410 6.0	
	(CHEM1000 3.0 + CHEM1001 3.0)		(EATS1010 3.0 + EATS1011 3.0)	6

Additional courses satisfying

1. More SC credits (as required for an overall total of 90)
2. More non-CSE, non-MATH credits (as required for an overall total of 30)
3. More 3000- or 4000-level credits (as required for an overall total of 42)

Minimum total credits 120

[15] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

FSE 2005-06 Checklist[16] **BSc Specialised Honours Degree**
Interactive Systems Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE 1019 3.0		9
	MATH1025 3.0	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3461 3.0	CSE3_____ 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4082 6.0				6
Three of					
CSE4431 3.0	CSE4441 3.0	CSE4461 3.0	CSE4471 3.0		9

Faculty Requirements

General Education Courses:	_____	_____			12
6 credits from:	BIOL1010 6.0	BIOL1410 6.0	PHYS1010 6.0	PHYS1410 6.0	
	(CHEM1000 3.0 + CHEM1001 3.0)		(EATS1010 3.0 + EATS1011 3.0)		6

Additional courses satisfying

1. More SC credits (as required for an overall total of 90)
2. More non-CSE, non-MATH credits (as required for an overall total of 30)
3. More 3000- or 4000-level credits (as required for an overall total of 42)

Minimum total credits 120

[16] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

FSE 2005-06 Checklist[17] **BSc Specialised Honours Degree**
Communication Networks Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE 1019 3.0		9
	MATH1025 3.0	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3213 3.0	CSE3451 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4084 6.0				6
and					
	CSE4213 3.0	CSE4214 3.0			6
One course	CSE3_____3.0 **or** CSE4_____3.0				3

Faculty Requirements

General Education Courses:	_____	_____			12
6 credits from:	BIOL1010 6.0	BIOL1410 6.0	PHYS1010 6.0	PHYS1410 6.0	
	(CHEM1000 3.0 + CHEM1001 3.0)		(EATS1010 3.0 + EATS1011 3.0)		6

Additional courses satisfying

1. More SC credits (as required for an overall total of 90)
2. More non-CSE, non-MATH credits (as required for an overall total of 30)
3. More 3000- or 4000-level credits (as required for an overall total of 42)

Minimum total credits 120

[17] *A minimum cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

Faculty of Arts 2005-06 Checklist[18] — BA Degree

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
3000-level	One course from each area:				
	Theory	CSE3101 3 0	Software	CSE3311 3.0	6
	Systems	CSE3221 3.0	Applications	CSE34_____ 3.0	6
	Two more courses	CSE3_____ 3.0		CSE3_____ 3.0	6

Faculty Requirements

General education					
1000-level:	NATS_____ 6.0				6
	One of	HUMA_____ 9.0	**or**	SOSC_____ 9.0	9
2000-level:					
	Must be	HUMA if a 1000-level SOSC was chosen or SOSC if a 1000-level HUMA was chosen			
	One of	HUMA_____ 9.0	**or**	SOSC_____ 9.0	9
Electives including	18 credits outside CSE				

Minimum total credits 90

[18] *A cumulative grade point average of 4.0 over all courses is required to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

Faculty of Arts 2005-06 Checklist[19] BA Honours Major Degree

Computer Science Requirements **Credit Count**

1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
4000-level	Four courses CSE4_____ 3.0		CSE4_____ 3.0		6
	CSE4_____ 3.0		CSE4_____ 3.0		6

Faculty Requirements

General education

1000-level: NATS_____ 6.0 — 6

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

2000-level:

Must be HUMA if a 1000-level SOSC was chosen
or SOSC if a 1000-level HUMA was chosen

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

Additional courses[20]

1. More 4000-level credits (as required for an overall total of 18)
2. More 3000- or 4000-level credits (as required for an overall total of 36)
3. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[19] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

[20] *It is recommended that students in Honours programs take a linear algebra course such as MATH1025 3.0 among their electives.*

Faculty of Arts 2005-06 Checklist[21]
Intelligent Systems Stream within a BA Honours Major Degree
(including Major/Minor where CSE is the Major; and Double Major)

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus				1
	Theory	CSE3101 3.0	Software	CSE3311 3.0	6
	Systems	CSE3221 3.0	Applications	CSE3401 3.0	6
				CSE3402 3.0	3
4000-level	Three courses				
		CSE4081 6.0			6
CSE4401 3.0 **or** CSE4402 3.0;			CSE4421 3.0 **or** CSE4422 3.0		6

Faculty Requirements

General education

1000-level: NATS_____ 6.0 — 6

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

2000-level:

Must be HUMA if a 1000-level SOSC was chosen
or SOSC if a 1000-level HUMA was chosen

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

Additional courses[22]

1. More 4000-level credits (as required for an overall total of 18)
2. More 3000- or 4000-level credits (as required for an overall total of 36)
3. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[21] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

[22] *It is recommended that students in Honours programs take a linear algebra course such as MATH1025 3.0 among their electives.*

Faculty of Arts 2005-06 Checklist[23]
Interactive Systems Stream within a BA Honours Major Degree
(including Major/Minor where CSE is the Major; and Double Major)

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus				1
	Theory	CSE3101 3.0	Software	CSE3311 3.0	6
	Systems	CSE3221 3.0	Applications	CSE3401 3.0	6
				CSE3461 3.0	3
4000-level	Four courses:				
		CSE4082 6.0			6
Three of	CSE4431 3.0	CSE4441 3.0	CSE4461 3.0	CSE4471 3.0	9

Faculty Requirements

General education

1000-level: NATS_____ 6.0 — 6

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

2000-level:

Must be HUMA if a 1000-level SOSC was chosen
or SOSC if a 1000-level HUMA was chosen

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

Additional courses[24]

1. More 4000-level credits (as required for an overall total of 18)
2. More 3000- or 4000-level credits (as required for an overall total of 36)
3. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[23] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

[24] *It is recommended that students in Honours programs take a linear algebra course such as MATH1025 3.0 among their electives.*

Faculty of Arts 2005-06 Checklist[25]
Communication Networks Stream within a BA Honours Major Degree (including Major/Minor where CSE is the Major; and Double Major)

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus				1
	Theory	CSE3101 3.0	Software	CSE3311 3.0	6
	Systems	CSE3221 3.0	Applications	CSE3401 3.0	6
		CSE3213 3.0		CSE3451 3.0	6
4000-level	Three courses:				
		CSE4084 6.0			6
and		CSE4213 3.0		CSE4214 3.0	6

Faculty Requirements

General education

1000-level: NATS_____ 6.0 — 6

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

2000-level:

Must be HUMA if a 1000-level SOSC was chosen
or SOSC if a 1000-level HUMA was chosen

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

Additional courses[26]

4. More 4000-level credits (as required for an overall total of 18)
5. More 3000- or 4000-level credits (as required for an overall total of 36)
6. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[25] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

[26] *It is recommended that students in Honours programs take a linear algebra course such as MATH1025 3.0 among their electives.*

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
4000-level	Two courses CSE4_____ 3.0		CSE4_____ 3.0		6

Faculty Requirements

General education

1000-level: NATS_____ 6.0 — 6

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

2000-level:

Must be HUMA if a 1000-level SOSC was chosen
or SOSC if a 1000-level HUMA was chosen

One of HUMA_____ 9.0 **or** SOSC_____ 9.0 — 9

Honours Major subject and other courses[28]

To satisfy requirements of the honours major, and upper-level requirements, namely,

1. More 4000-level credits (as required for an overall total of 18)
2. More 3000- or 4000-level credits (as required for an overall total of 36)

Minimum total credits 120

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[27] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

[28] *It is recommended that students in Honours programs take a linear algebra course such as MATH1025 3.0 among their electives.*

Faculty of Arts 2005-06 Checklist[29] BA Specialised Honours Degree

Computer Science Requirements **Credit Count**

1000-level:	CSE1020 3.0 CSE1030 3.0 CSE 1019 3.0	9
	MATH1025 3.0 MATH1090 3.0 MATH1300 3.0 MATH1310 3.0	12
2000-level:	CSE2001 3.0 CSE2011 3.0 CSE2021 4.0 CSE2031 3.0	13
	MATH2030 3.0	3
3000-level	CSE3002 1.0 plus one course from each area below	1
	Theory CSE3101 3.0 Software CSE3311 3.0 6	
	Systems CSE3221 3.0 Applications CSE3401 3.0 6	
	Two more courses:	
	CSE3_____ 3.0 CSE3_____ 3.0	6
4000-level:	CSE4101 3.0 or CSE4111 3.0 or CSE4115 3.0	3
	CSE4_____ 3.0 CSE4_____ 3.0 CSE4_____ 3.0	9
Two courses (3000- or 4000-level)		
	CSE_____ 3.0 CSE_____3.0	6

Faculty Requirements

General education

1000-level:	NATS_____ 6.0	6
One of	HUMA_____ 9.0 **or** SOSC_____ 9.0	9
2000-level:		
Must be	HUMA if a 1000-level SOSC was chosen or SOSC if a 1000-level HUMA was chosen	
One of	HUMA_____ 9.0 **or** SOSC_____ 9.0	9

Additional courses

1. More 4000-level credits (as required for a total of 18)
2. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[29] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

Faculty of Arts 2005-06 Checklist[30] BA Specialised Honours Degree
Intelligent Systems Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1025 3.0	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3402 3.0	CSE3_____ 3.0			6
4000-level:	CSE4101 3.0 or CSE4111 3.0 or CSE4115 3.0				3
	CSE4081 6.0				6
Two more courses					
	CSE4401 3.0 **or** CSE4402 3.0; CSE4421 3.0 **or** CSE4422 3.0				6
One more course					
	CSE3____ 3.0 or CSE4____ 3.0				3

Faculty Requirements

General education

1000-level:	NATS_____ 6.0				6
One of	HUMA_____ 9.0	**or**	SOSC_____ 9.0		9
2000-level:					
Must be	HUMA if a 1000-level SOSC was chosen or SOSC if a 1000-level HUMA was chosen				
One of	HUMA_____ 9.0	**or**	SOSC_____ 9.0		9

Additional courses

1. More 4000-level credits (as required for a total of 18)
2. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[30] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

Faculty of Arts 2005-06 Checklist[31] BA Specialised Honours Degree
Interactive Systems Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1025 3.0	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3461 3.0	CSE3_____ 3.0			6
4000-level:	CSE4101 3.0 or CSE4111 3.0 or CSE4115 3.0				3
	CSE4082 6.0				6
Three of CSE4431 3.0 CSE4441 3.0 CSE4461 3.0 CSE4471 3.0					9

Faculty Requirements

General education

1000-level:	NATS_____ 6.0		6
One of	HUMA_____ 9.0 **or**	SOSC_____ 9.0	9
2000-level:			
Must be	HUMA if a 1000-level SOSC was chosen or SOSC if a 1000-level HUMA was chosen		
One of	HUMA_____ 9.0 **or**	SOSC_____ 9.0	9

Additional courses

1. More 4000-level credits (as required for a total of 18)
2. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[31] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

Faculty of Arts 2005-06 Checklist[32] BA Specialised Honours Degree
Communication Networks Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE 1019 3.0		9
	MATH1025 3.0	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3213 3.0	CSE3451 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4084 6.0				6
and					
	CSE4213 3.0	CSE4214 3.0			6
One course	CSE3_____3.0 **or** CSE4_____3.0				3

Faculty Requirements

General education

1000-level:	NATS_____ 6.0				6
One of	HUMA_____ 9.0	**or**	SOSC_____ 9.0		9
2000-level:					
Must be	HUMA if a 1000-level SOSC was chosen or SOSC if a 1000-level HUMA was chosen				
One of	HUMA_____ 9.0	**or**	SOSC_____ 9.0		9

Additional courses

3. More 4000-level credits (as required for a total of 18)
4. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[32] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

Faculty of Arts 2005-06 Checklist[33] BA Honours Double Major Degree
BA Honours Major/Minor (CSE Major)

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
4000-level	Four courses CSE4_____ 3.0		CSE4_____ 3.0		6
	CSE4_____ 3.0		CSE4_____ 3.0		6

Faculty Requirements

General education

1000-level:	NATS_____ 6.0				6
One of	HUMA_____ 9.0	**or**	SOSC_____ 9.0		9
2000-level:					
Must be	HUMA if a 1000-level SOSC was chosen or SOSC if a 1000-level HUMA was chosen				
One of	HUMA_____ 9.0	**or**	SOSC_____ 9.0		9

Other Honours Major (Minor) Subject and Other Courses[34]

To satisfy requirements of the other honours major (minor), upper-level and breadth requirements, namely,

1. More 4000-level credits (as required for an overall total of 18)
2. More 3000- or 4000-level credits (as required for an overall total of 36)
3. More non-CSE, non-MATH credits (as required for an overall total of 30)

Minimum total credits 120

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[33] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

[34] *It is recommended that students in Honours programs take a linear algebra course such as MATH1025 3.0 among their electives.*

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
3000-level	One course from each area:				
	Theory CSE3101 3 0		Software	CSE3311 3.0	6
	Systems CSE3221 3.0		Applications	CSE34_____ 3.0	6
	Two more courses	CSE3_____ 3.0		CSE3_____ 3.0	6

Faculty Requirements

General education

1000-level:	MATH1710 6.0			6
	HUMA_____ 6.0		SOSC_____ 6.0	12

6 credits from:
BIOL1010 6.0 BIOL1410 6.0
(CHEM1000 3.0 + CHEM1001 3.0)
(EATS1010 3.0 + EATS1011 3.0)
PHYS1010 6.0 PHYS1410 6.0 — 6

Electives including

1. 6 credits in Science (courses cross listed as SC) at the 2000-level or above — 6

Minimum total credits 90

[35] *A cumulative grade point average of 4.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental general prerequisite cumulative grade point average over all CSE courses must be met to proceed in the program.*

Atkinson Faculty 2005-06 Checklist[36] BSc Specialised Honours Degree

Computer Science Requirements					**Credit Count**
1000-level:	CSE1019 3.0	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0	9
	MATH1025 3.0	MATH1300 3.0	MATH1310 3.0	MATH1090 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0 6		
	Systems CSE3221 3.0		Applications CSE3401 3.0 6		
	Two more courses:				
	CSE3_____ 3.0		CSE3_____ 3.0		6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or CSE4115 3.0			3
	CSE4_____ 3.0	CSE4_____ 3.0	CSE4_____ 3.0		9
Two courses (3000- or 4000-level)					
	CSE_____ 3.0		CSE_____3.0		6

Faculty Requirements

General education

1000-level:	MATH1710 6.0 or equivalent			6
	HUMA_____ 6.0		SOSC_____ 6.0	12
Completing 6 credits from the following list will satisfy the Nat. Sci. requirement				
	BIOL1010 6.0 and CHEM1001 3.0)	BIOL1410 6.0 (EATS1010 3.0	(CHEM1000 3.0 and EATS1011 3.0)	
	PHYS1010 6.0	PHYS1410 6.0		6

Electives including

1. 3 credits at the 3000-level or above (as required for a total of 39) 3
2. more non-CSE, non-MATH credits (as required for a total of 30)
3. 6 credits in Science (courses cross listed as SC) at the 2000-level or above 6

Minimum total credits 120

[36] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

Atkinson Faculty 2005-06 Checklist[37] BSc Specialised Honours Degree
Intelligent Systems Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1019 3.0	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0	9
	MATH1025 3.0	MATH1300 3.0	MATH1310 3.0	MATH1090 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3402 3.0	CSE3_____ 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4081 6.0				6
Two courses					
CSE4401 3.0 **or** CSE4402 3.0;	CSE4421 3.0 **or** CSE4422 3.06				
One course (3000- or 4000-level)					
	CSE_____ 3.0				3

Faculty Requirements

General education

1000-level:	MATH1710 6.0 or equivalent			6
	HUMA_____ 6.0	SOSC_____ 6.0		12
Completing 6 credits from the following list will satisfy the Nat. Sci. requirement				
	BIOL1010 6.0 and CHEM1001 3.0)	BIOL1410 6.0 (EATS1010 3.0	(CHEM1000 3.0 and EATS1011 3.0)	
	PHYS1010 6.0	PHYS1410 6.0		6

Electives including

1. 3 credits at the 3000-level or above (as required for a total of 39) 3
2. more non-CSE, non-MATH credits (as required for a total of 30)
3. 6 credits in Science (courses cross listed as SC) at the 2000-level or above 6

Minimum total credits 120

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[37] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

Atkinson Faculty 2005-06 Checklist[38] BSc Specialised Honours Degree Interactive Systems Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1019 3.0	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0	9
	MATH1025 3.0	MATH1300 3.0	MATH1310 3.0	MATH1090 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory	CSE3101 3.0	Software	CSE3311 3.0	6
	Systems	CSE3221 3.0	Applications	CSE3401 3.0	6
	Two more courses:				
	CSE3461 3.0	CSE3_____ 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4082 6.0				6
Three of	CSE4431 3.0	CSE4441 3.0	CSE4461 3.0	CSE4471 3.0	9

Faculty Requirements

General education

1000-level:	MATH1710 6.0 or equivalent			6
	HUMA_____ 6.0	SOSC_____ 6.0		12

Completing 6 credits from the following list will satisfy the Nat. Sci. requirement

BIOL1010 6.0	BIOL1410 6.0	(CHEM1000 3.0	
and CHEM1001 3.0)	(EATS1010 3.0	and EATS1011 3.0)	
PHYS1010 6.0	PHYS1410 6.0		6

Electives including

1. 3 credits at the 3000-level or above (as required for a total of 39) 3
2. more non-CSE, non-MATH credits (as required for a total of 30)
3. 6 credits in Science (courses cross listed as SC) at the 2000-level or above 6

Minimum total credits 120

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[38] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

Atkinson Faculty 2005-06 Checklist[39] BSc Specialised Honours Degree
Communication Networks Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE 1019 3.0		9
	MATH1025 3.0	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory	CSE3101 3.0	Software	CSE3311 3.0	6
	Systems	CSE3221 3.0	Applications	CSE3401 3.0	6
	Two more courses:				
	CSE3213 3.0	CSE3451 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4084 6.0				6
and					
	CSE4213 3.0	CSE4214 3.0			6
One course	CSE3_____3.0 **or** CSE4_____3.0				3

Faculty Requirements

General education

1000-level:	MATH1710 6.0 or equivalent			6
	HUMA_____ 6.0	SOSC_____ 6.0		12
	Completing 6 credits from the following list will satisfy the Nat. Sci. requirement			
	BIOL1010 6.0 and CHEM1001 3.0)	BIOL1410 6.0 (EATS1010 3.0	(CHEM1000 3.0 and EATS1011 3.0)	
	PHYS1010 6.0	PHYS1410 6.0		6

Electives including

4. 3 credits at the 3000-level or above (as required for a total of 39) 3
5. more non-CSE, non-MATH credits (as required for a total of 30)
6. 6 credits in Science (courses cross listed as SC) at the 2000-level or above 6

Minimum total credits 120

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[39] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program and to graduate. In addition, the Departmental prerequisite GPA over CSE courses must be met to proceed in the program.*

Atkinson Faculty 2005-06 Checklist[40] — BA Degree

Computer Science Requirements					**Credit Count**
1000-level	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0		9
2000-level	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
3000-level	One course from each area:				
	Theory CSE3101 3 0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE34_____ 3.0		6
	Two more courses CSE3_____ 3.0		CSE3_____ 3.0		6

Faculty Requirements

General education

1000-level:	MATH1710 6.0		6
	HUMA_____ 6.0	SOSC_____ 6.0	12
	NATS _____ 6.0		6

Electives including

1. Additional 6 credits at the 3000 level or above — 6
2. At least 18 credits out of the total credit-count must be outside CSE

Minimum total credits 90

[40] *A cumulative grade point average of 4.0 over all courses is required to graduate. In addition, the Departmental general prerequisite cumulative grade point average over all CSE courses must be met to proceed in the program.*

Atkinson Faculty 2005-06 Checklist[41] BA Specialised Honours Degree

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1025 3.0	MATH1300 3.0	MATH1310 3.0	MATH1090 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3_____ 3.0		CSE3_____ 3.0		6
4000-level:	CSE4101 3.0 or CSE4111 3.0 or CSE4115 3.0				3
	CSE4_____ 3.0	CSE4_____ 3.0	CSE4_____ 3.0		9
Two courses (3000- or 4000-level)					
	CSE_____ 3.0		CSE_____3.0		6

Faculty Requirements

General education

1000-level:	MATH1710 6.0 or equivalent			6
	HUMA_____ 6.0		SOSC_____ 6.0	12
	NATS _____ 6.0			6

Electives including

1. 6 additional credits at the 3000-level or above for an overall total of 30 credits at these levels. This is in addition to the 12 CSE credits at the 4000-level.
2. of the total credits required towards the degree, 30 must be outside CSE and MATH

Minimum total credits 120

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[41] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental general prerequisite cumulative grade-point-average over all Computer Science courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

Atkinson Faculty 2005-06 Checklist[42] BA Specialised Honours Degree
Intelligent Systems Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE1019 3.0		9
	MATH1025 3.0	MATH1300 3.0	MATH1310 3.0	MATH1090 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3402 3.0	CSE3_____ 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4081 6.0				6
Two courses	CSE4401 3.0 **or** CSE4402 3.0;		CSE4421 3.0 **or** CSE4422 3.0		6
One course (3000- or 4000-level)	CSE_____ 3.0				3

Faculty Requirements

General education

1000-level:	MATH1710 6.0 or equivalent			6
	HUMA_____ 6.0	SOSC_____ 6.0		12
	NATS _____ 6.0			6

Electives including

1. 6 additional credits at the 3000-level or above for an overall total of 30 credits at these levels. This is in addition to the 12 CSE credits at the 4000-level.
2. of the total credits required towards the degree, 30 must be outside CSE and MATH

Minimum total credits 120

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[42] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental general prerequisite cumulative grade-point-average over all Computer Science courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

Atkinson Faculty 2005-06 Checklist[43] BA Specialised Honours Degree
Interactive Systems Stream

Computer Science Requirements		**Credit Count**
1000-level:	CSE1020 3.0 CSE1030 3.0 CSE1019 3.0	9
	MATH1025 3.0 MATH1300 3.0 MATH1310 3.0 MATH1090 3.0	12
2000-level:	CSE2001 3.0 CSE2011 3.0 CSE2021 4.0 CSE2031 3.0	13
	MATH2030 3.0	3
3000-level	CSE3002 1.0 plus one course from each area below	1
	Theory CSE3101 3.0 Software CSE3311 3.0	6
	Systems CSE3221 3.0 Applications CSE3401 3.0	6
	Two more courses:	
	CSE3461 3.0 CSE3_____ 3.0	6
4000-level:	CSE4101 3.0 or CSE4111 3.0 or CSE4115 3.0	3
	CSE4082 6.0	6
Three courses from		
	CSE4431 3.0 CSE4441 3.0 CSE4461 3.0 CSE4471 3.0	9

Faculty Requirements

General education

1000-level:	MATH1710 6.0 or equivalent	6
	HUMA_____ 6.0 SOSC_____ 6.0	12
	NATS _____ 6.0	6

Electives including

1. 6 additional credits at the 3000-level or above for an overall total of 30 credits at these levels. This is in addition to the 12 CSE credits at the 4000-level.
2. of the total credits required towards the degree, 30 must be outside CSE and MATH

Minimum total credits 120

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[43] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental general prerequisite cumulative grade-point-average over all Computer Science courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*

Atkinson Faculty 2005-06 Checklist[44] BA Specialised Honours Degree
Communication Networks Stream

Computer Science Requirements					**Credit Count**
1000-level:	CSE1020 3.0	CSE1030 3.0	CSE 1019 3.0		9
	MATH1025 3.0	MATH1090 3.0	MATH1300 3.0	MATH1310 3.0	12
2000-level:	CSE2001 3.0	CSE2011 3.0	CSE2021 4.0	CSE2031 3.0	13
	MATH2030 3.0				3
3000-level	CSE3002 1.0 plus one course from each area below				1
	Theory CSE3101 3.0		Software CSE3311 3.0		6
	Systems CSE3221 3.0		Applications CSE3401 3.0		6
	Two more courses:				
	CSE3213 3.0	CSE3451 3.0			6
4000-level:	CSE4101 3.0 or	CSE4111 3.0 or	CSE4115 3.0		3
	CSE4084 6.0				6
and					
	CSE4213 3.0	CSE4214 3.0			6
One course	CSE3_____3.0 **or** CSE4_____3.0				3

Faculty Requirements

General education

1000-level:	MATH1710 6.0 or equivalent			6
	HUMA_____ 6.0	SOSC_____ 6.0		12
	NATS _____ 6.0			6

Electives including

3. 6 additional credits at the 3000-level or above for an overall total of 30 credits at these levels. This is in addition to the 12 CSE credits at the 4000-level.
4. of the total credits required towards the degree, 30 must be outside CSE and MATH

Minimum total credits 120

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[44] *A cumulative grade-point-average of 5.0 over all courses is required to proceed in each year of the program. In addition, the Departmental general prerequisite cumulative grade-point-average over all Computer Science courses must be met to proceed in the program. To graduate requires a cumulative grade-point-average of 5.0 over all courses.*