

ADVISING FORM: IAS Honors with Computer Science Major/Minor Concentration

OVERALL REQUIREMENTS FOR MAJORS AND MINORS

Total Number of Courses: 40 courses/120 credits

(Minimum of courses from the Faculty of Science: 15)

(Minimum of courses from the Faculty of Arts, Humanities and Social Science: 15)

Minimum Major GPA to remain in the program: 70%

Overall GPA Requirement: 70%

Arts and Sciences Core Courses (16 courses/48 credits)

- A. SIX Core ARSC and PHIL courses (ARSC 1000, PHIL 1620, ARSC 3010, ARSC 3100, ARSC 4100, ARSC 4210)
- B. Choice of Intro. Ethics (PHIL 2210), Ethics of Life, Death, Healthcare (PHIL 2250), **OR** Environmental Ethics (PHIL 2270)
- C. One Core Humanities/Social Science elective (from list for Core (B))
- D. Differential Calculus (MATH-1720)
- E. Statistics (STAT-2910 for Majors; Minors may choose SOSC-2500 instead)
- F. Four 1000 level science intro courses (see science pairs below)
- G. One two semester undergraduate research course (like ARSC 4990A/B)

REQUIREMENTS FOR MAJOR COMPUTER SCIENCE CONCENTRATION (12 courses/36 credits)

- A. One first year Computer science core course (COMP-1000)
- B. Four second year Computer Science core courses (COMP-2120, COMP-2540, COMP-2560, COMP-2650)
- C. Six third year Computer Science core courses (COMP-3150, COMP-3220, COMP-3300, COMP-3340, COMP-3400, COMP-3670)
- D. One 3000 level or higher COMP course

REQUIREMENTS FOR MINOR COMPUTER SCIENCE CONCENTRATION (6 courses/18 credits)

- A. One first year Computer Science core course (COMP-1000)
- B. Three second year Computer Science core courses (COMP-2120, COMP-2540, COMP-2560)
- C. One 2000 level or higher COMP course
- D. One 3000 level or higher COMP course

SUMMARY OF COURSES REQUIRED FOR DEGREE

Category		Course Codes			Credits
Arts and Science Requirements (16 Courses)	Core Courses (A)	<input type="checkbox"/> ARSC-1000	<input type="checkbox"/> ARSC-3010	<input type="checkbox"/> ARSC-4100	18
		<input type="checkbox"/> PHIL-1620	<input type="checkbox"/> ARSC-3100	<input type="checkbox"/> ARSC-4210	
	Ethics (Choose 1)	<input type="checkbox"/> PHIL-2210 OR	<input type="checkbox"/> PHIL-2250 OR	<input type="checkbox"/> PHIL-2270	3
	Core Courses (B)	<input type="checkbox"/> GRST-1100	<input type="checkbox"/> HIST-1140	<input type="checkbox"/> INCS-2020	3
	(ONLY ONE)	<input type="checkbox"/> GRST-1200	<input type="checkbox"/> PHIL-1100	<input type="checkbox"/> INCS-2030	
		<input type="checkbox"/> HIST-1130	<input type="checkbox"/> POLS-2510	<input type="checkbox"/> INCE-2200	
	Calculus (choose 1)	<input type="checkbox"/> MATH-1720			3
	Statistics	<input type="checkbox"/> STAT-2910	OR	<input type="checkbox"/> SOSC-2500	3
Two Science Pairs	<input type="checkbox"/> COMP-1400	<input type="checkbox"/> MATH-1720		12	
	<input type="checkbox"/> COMP-1410	<input type="checkbox"/> MATH-1730			
Undergraduate Research	<input type="checkbox"/> ARSC-4990A	OR	<input type="checkbox"/> COMP-4960A	<i>Your other discipline may also offer a thesis option</i>	6
ARSC OR Computer Science Courses OR FAHSS Concentration	<input type="checkbox"/> ARSC-4990B	OR	<input type="checkbox"/> COMP-4960B		
Arts and Science Total Credits					48

* Prerequisite for MATH 1720 is MCV4U, Ontario Grade 12 Calculus and Vectors AND MHF4U, Ontario Grade 12 Advanced Functions

*Prerequisite for MATH 1760 is ONLY MHF4U Ontario Grade 12 Advanced Functions.

Bachelor of Interdisciplinary Arts and Science

2020/2021

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	Category	Course Codes	Credits
Computer Science Major Requirements (12 courses)	ONE first year core course	<input type="checkbox"/> COMP-1000	3
	FOUR second year core courses	<input type="checkbox"/> COMP-2120 <input type="checkbox"/> COMP-2540 <input type="checkbox"/> COMP-2560	12
		<input type="checkbox"/> COMP-2650	
	SIX third year core courses	<input type="checkbox"/> COMP-3150 <input type="checkbox"/> COMP-3220 <input type="checkbox"/> COMP-3300	18
		<input type="checkbox"/> COMP-3340 <input type="checkbox"/> COMP-3400 <input type="checkbox"/> COMP-3670	
ONE 3000 level or higher COMP course	<input type="checkbox"/> COMP-_____	3	
Computer Science Major Concentration Total Credits			36

	Category	Course Codes	Credits
Computer Science Minor Requirements (6 courses)	ONE first year core course	<input type="checkbox"/> COMP-1000	3
	THREE second year core courses	<input type="checkbox"/> COMP-2120 <input type="checkbox"/> COMP-2540 <input type="checkbox"/> COMP-2560	9
	ONE 2000 level or higher COMP course	<input type="checkbox"/> COMP-_____	3
	ONE 3000 level or higher COMP course	<input type="checkbox"/> COMP-_____	3
	Computer Science Minor Concentration Total Credits		

ARSC WITH A COMPUTER SCIENCE MAJOR REQUIRED COURSES BY YEAR

This advising sheet does not include the required courses for your other major, minor, or double minor. Make sure to consult the advising sheets for the other disciplines you are studying

For your next step, you must create a master course of study individualized to your unique combination of disciplines. You may utilize the blank form available on the program website.

1000 Level Courses

- | | | | |
|-----------------|-----------------|------------------------|----------------------------|
| _____ ARSC-1000 | _____ COMP-1400 | _____ MATH-1720 | _____ MATH-17 _____ |
| _____ PHIL-1620 | _____ COMP-1410 | _____ MATH-1730 | _____ ARSC Core B |
| _____ COMP-1000 | | | |

REMINDERS:	<p>Minimum of courses from the Faculty of Science: 15</p> <p>Minimum of courses from the Faculty of Arts, Humanities and Social Science: 15</p> <p>Minimum Major GPA to remain in the program: 70%</p>	<p>Overall GPA Requirement: 70%</p>
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