

Faculty of Liberal Arts and Professional Studies (LA&PS)
Cognitive Science - Specialized Honours BA (2019/20 Program Checklist)

GENERAL EDUCATION - 21 Credits 21 credits at the 1000 level, chosen from 3 different general education categories	Credit	Complete or Incomplete	Grade	Notes
1) Humanities or Social Science :	9.00			
2) Humanities or Social Science (whichever is not taken in line 1):	6.00			
3) Natural Science:	6.00			
Total General Education Credits	21.00			
MAJOR – 51-54 Credits				
Core Program Courses: 30-33 Credits				
AP LING 1000 Introduction to Linguistics OR AP COGS/LING 2800 Language and Mind	6.00 or 3.00			
HH PSYC 1010 Introduction to Psychology	6.00			
HH PSYC 2260 Cognition	3.00			
AP COGS /PHIL 2160 Minds, Brains and Machines	3.00			
AP PHIL 2240 Introduction to the Philosophy of Mind	3.00			
AP PHIL 3260 Philosophy of Psychology	3.00			
AP COGS/PHIL 3750 Philosophy of Artificial Intelligence	3.00			
AP COGS 4750 Honours Thesis in Cognitive Science OR AP COGS 4901 Honours Seminar in Cognitive Science	6.00 or 6.00			
Choose 6 credits from the following:				
LE EECS 1022 Programming for Mobile Computing	3.00			
LE EECS 2001 Introduction to the Theory of Computation	3.00			
LE EECS 2030 Advanced Object Oriented Programming	3.00			
AP ITEC 1000 Introduction to Information Technologies	3.00			
AP ITEC 1010 Information and Organizations	3.00			
AP LING 2120 Phonology 1: Analysis	3.00			
AP LING 2130 Morphology 1: Analysis	3.00			
AP LING 2140 Syntax 1: Analysis	3.00			
AP PHIL 2100 Introduction to Logic	3.00			
HH PSYC 2020 Statistical Methods I and II OR HH PSYC 2021 Statistical Methods I	6.00 3.00			
HH PSYC 2030 Introduction to Research Methods	3.00			
Choose 9 credits from the following, including at least 2 different disciplines (departments):				
LE EECS 2011 Fundamentals of Data Structures	3.00			
LE EECS 3401 Intro. to Artificial Intelligence and Logic Programming	3.00			
AP ITEC 3230 Designing User Interfaces	3.00			
AP LING 3120 Phonology 2: Theory	3.00			
AP LING 3140 Syntax 2: Theory	3.00			
AP LING 3150 Semantics	3.00			
AP LING 3210 First Language Acquisition	3.00			
AP LING 3220 Psycholinguistics	3.00			
AP PHIL 3265 Philosophy of Mind	3.00			
HH PSYC 2110 Developmental Psychology	3.00			
HH PSYC 2120 Social Psychology	3.00			
HH PSYC 2220 Sensation and Perception I	3.00			
HH PSYC 2240 Biological Basis of Behaviour	3.00			
HH PSYC 3250 Neural Bases of Behaviour	3.00			
HH PSYC 3265 Memory	3.00			
HH PSYC 3280 Animal Behaviour	3.00			
HH PSYC 3290 Psycholinguistics	3.00			

Choose 6 credits from the following, including at least 2 different disciplines (departments):				
LE EECS 4401 Artificial Intelligence	3.00			
LE EECS 4421 Introduction to Robotics	3.00			
LE EECS 4422 Computer Vision	3.00			
LE EECS 4441 Human-Computer Interaction	3.00			
AP LING 4120 Advanced Phonology	3.00			
AP LING 4140 Advanced Syntax	3.00			
AP LING 4150 Topics in the Syntax-Semantics Interface	3.00			
AP LING 4230 Language and the Brain				
AP LING 4250 Evolution of Language	3.00			
AP PHIL 3200 Philosophy of Language	3.00			
AP PHIL 3635 Philosophy of Neuroscience	3.00			
AP PHIL 4080 Seminar in the Philosophy of Mind	3.00			
AP PHIL 4082 Philosophy of Cognitive Science	3.00			
AP PHIL 4083 Philosophy of Clinical Psychology	3.00			
AP PHIL 4084 Animals & the Philosophy of Mind	3.00			
HH PSYC 4010 Seminar in Developmental Psychology	3.00/6.00			
HH PSYC 4020 Seminar in Social Psychology	3.00/6.00			
HH PSYC 4080 Neuropsychology of Abnormal Behavior	6.00			
HH PSYC 4230 Human Performance in Systems	3.00			
HH PSYC 4260 Seminar in Sensation and Perception	3.00			
HH PSYC 4270 Seminar in Memory and Cognition	3.00			
HH PSYC 4285 Seminar in Comparative Cognition	3.00			
Total Major Credits	51-54			
Credits Outside the Major – at least 18 Credits				
Course Outside Major:	6.00			
Course Outside Major:	6.00			
Course Outside Major:	6.00			
Total Credits Outside the Major	18.00			
Free Choice: 30-33 Credit (could be anything, including extra cognitive science courses)				
Any Course:	6.00			
Any Course:	6.00			
Any Course:	6.00			
Any Course:	6.00			
Any Course:	3.00			
Any Course: Will depend of major credits	3.00			
Total Free Choice Credits	27-30			
TOTAL DEGREE CREDITS	120.00			

Requirement Checklist and Notes (To ensure graduation, each box must be checked 'completed')

- Residency Requirement: a minimum of 30 course credits and at least half (50 per cent) of the course credits required in each undergraduate degree program major/minor must be taken at York University
- Upper-level Requirement: at least 36 credits at 3000-4000 level. 18 credits must be at 4000 level

Upper Level Checklist	
3000-LEVEL	4000-LEVEL (must be at least 18 credits)
PHIL 3260 3.00	COGS 4750 or 4901 6.00
COGS/PHIL 3750 3.00	
Total = 36 credits (at least)	

NOTE: For the **GENERAL EDUCATION** category, a minimum of 6.0 credits must be chosen from each of Humanities, Natural Science and Social Science. General Education courses are offered at the 1000 level. A maximum of 9 credits in Humanities and Social Science will count towards fulfillment of the General Education 21 credit requirements. For approved LA&PS General education courses go to http://www.yorku.ca/laps/courses/gen_education.html

IMPORTANT INFORMATION AND RESOURCES

For an online version of your degree requirements, use the **Degree Progress Report** found here: www.registrar.yorku.ca/mydegreeprogress

PLEASE NOTE: This manual Degree Checklist is **only a guide** designed to assist students with degree requirements and course selection. It is not intended as the official confirmation of a student's eligibility to graduate as requirements may change from year to year. Satisfaction of all degree requirements will be officially determined by the Registrar's Office upon application to graduate. Students are advised to make sure they are following the correct degree requirements by checking the Undergraduate Calendar of the year in which they entered their program.

Academic Calendars: calendars.registrar.yorku.ca

Academic Advising: LAPS Student Academic Advising Services, 103 Central Square
416-736-5222, laps@yorku.ca
[LAPS Student Academic Advising Services](#)

Department Contact Information: Department of Philosophy, South Ross, 448
(416) 736-5113, lapsphil@yorku.ca

Registration & Fees: Student Client Services, Bennett Centre for Student Services
(416) 872-YORK (9675)
www.yorku.ca/scsweb

Other resources: yustart.info.yorku.ca/all-resources-a-z