

**Faculty of Liberal Arts and Professional Studies (LA&PS)**  
**Department of Philosophy- Bachelor of Arts (BA)**  
**Cognitive Science - Specialized Honours (2018/19 Program Checklist)**

<b>GENERAL EDUCATION - 21 Credits</b> 21 credits at the 1000 level, chosen from 3 different general education categories	<b>Credit</b>	<b>Complete or Incomplete</b>	<b>Grade</b>	<b>Notes</b>
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			
<b>Total General Education Credits</b>	<b>21.00</b>			
<b>MAJOR – 48-51 Credits</b>				
<b>Core Program Courses: 27-30 Credits</b>				
AP LING 1000 Introduction to Linguistics <b>OR</b> AP COGS 2800 Mind and Language	6.00 or 3.00			
HH PSYC 1010 Introduction to Psychology	6.00			
HH PSYC 3260 Cognition	3.00			
AP COGS /PHIL 2160 Minds, Brains and Machines	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 <b>OR</b> AP COGS 4901 Honours Seminar in Cognitive Science	6.00 or 6.00			
<b>Analytical- Please choose 6 credits from the following:</b>				
LE EECS 1020 Introduction to Computer Science	3.00			
LE EECS 1030 Introduction to Computer Science II	3.00			
LE EECS 2001 Introduction to the Theory of Computation	3.00			
AP ITEC 1000 Introduction to Information Technologies	3.00			
AP ITEC 1010 Information and Organizations	3.00			
AP LING 2120 Fundamentals of Phonological Analysis	3.00			
AP LING 2130 Fundamentals of Morphological Analysis	3.00			
AP LING 2140 Fundamentals of Grammatical Analysis	3.00			
AP PHIL 2100 Introduction to Logic	3.00			
AP PHIL 2240 Introduction to the Philosophy of Mind	3.00			
HH PSYC 2020 Statistical Methods I and II <b>OR</b> HH PSYC 2021 Statistical Methods I <b>OR</b> HH PSYC 2030 Introduction to Research Methods	6.00 3.00 3.00			
<b>Please choose 9 credits from the following and including at least 2 different discipline (departments):</b>				
LE EECS 2011 Fundamentals of Data Structures	3.00			
LE EECS 3401 Introduction to Artificial Intelligence and Logic Programming	3.00			
AP ITEC 3230 Designing User Interfaces	3.00			
AP LING 3120 Phonology	3.00			
AP LING 3140 Syntax	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			
<b>Please choose 6 credits from the following and including at least 2 different discipline (departments):</b>				
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 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 4180 Seminar in Comparative Cognition	3.00			
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			
<b>Total Major Credits</b>	<b>48-51</b>			
<b>Credits Outside the Major – at least 18 Credits</b>				
Course Outside Major:	6.00			
Course Outside Major:	6.00			
Course Outside Major:	6.00			
<b>Total Credits Outside the Major</b>	<b>18.00</b>			
<b>Free Choice: 30-33 Credit</b>				
Any Course:	6.00			
Any Course:	6.00			
Any Course:	6.00			
Any Course:	6.00			
Any Course:	6.00			
Any Course: Will depend of major credits	3.00			
<b>Total Free Choice Credits</b>	<b>30-33</b>			
<b>TOTAL DEGREE CREDITS</b>	<b>120.00</b>			

**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 the 3000-4000 level. 18 credits must be at the 4000 level

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](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](http://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](http://calendars.registrar.yorku.ca)

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

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

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

**Other resources:** [yustart.info.yorku.ca/all-resources-a-z](http://yustart.info.yorku.ca/all-resources-a-z)