

COGNITIVE SCIENCE – SPECIALIZATION (COMPUTING) – BACHELOR OF COMPUTING (HONOURS)

COGS-P-BCH (Cognitive Science)

COGS-I-BCH (Cognitive Science with Professional Internship) **Subject:** Administered by the School of Computing in cooperation with the Departments of Languages, Literatures and Cultures, Philosophy and Psychology.

Plan: Consists of 96.0 units as described below.

Program: The Plan, with sufficient electives to total 120.0 units, will lead to a Bachelor of Computing (Honours) Degree.

Requirements for this program have been modified. Please consult the <u>2020-2021 Calendar</u> for the previous requirements.

Code	Title	Units
1. Core		
A. Complete th	e following:	
CISC 121	Introduction to Computing Science I	3.00
CISC 124	Introduction to Computing Science II	3.00
B. Select 6.00 u	ınits from the following:	6.00
CISC 102 & MATH 112	Discrete Mathematics for Computing I and Introduction to Linear Algebra	
or		
CISC 102 & MATH 111	Discrete Mathematics for Computing I and Linear Algebra	
or		
MATH 110	Linear Algebra	
C. Complete th	e following:	
COGS 100	Introduction to Cognitive Science	3.00
D. Complete th	e following:	
COGS 201	Cognition and Computation	3.00
E. Complete th	e following:	
CISC 203	Discrete Mathematics for Computing II	3.00
CISC 204	Logic for Computing Science	3.00
CISC 221	Computer Architecture	3.00
CISC 235	Data Structures	3.00
F. Select 3.00 u	nits from the following:	3.00
STAT 263	Introduction to Statistics	
STAT_Option	IS .	
G. Complete th	ne following:	
CISC 360	Programming Paradigms	3.00
H. Select 9.00 ເ	units from the following:	9.00
CISC 352	Artificial Intelligence	

COGS 400	Neural and Genetic Cognitive Model	S	
CISC_Artific	ial_Intelligence		
I. Complete th	ne following:		
CISC 497	Social, Ethical and Legal Issues in Computing	3.00	
J. Select 3.00 ເ	units from the following:	3.00	
COGS 499	Advanced Undergraduate Project		
CISC 500	Undergraduate Thesis		
2. Option			
A. Select 30.0	units from two of the following option	lists30.00	
i. Linguistics	S		
ii. Philosoph	ny		
iii. Psycholo	gy		
B. COGS_Com	puting	9.00	
C. Select 6.00	units from the following:	6.00	
COGS_Com	puting		
COGS_Ling	uistics		
COGS_Philo	sophy		
COGS_Psychology			
NSCI_Optio	ns		
Electives			
Elective Cours	es	24.00	
Total Units		120.00	

Options

i. Linguistics

Code	Title	Units
a. Complete the following:		
LING 100	Introduction to Linguistics	6.00
b. Select 3.00	units from the following:	3.00
LING 310	Phonetics	
LING 320	Phonology	
LING 330	Morphology	
c. Complete the following:		
LING 340	Syntax	3.00
d. Complete the following:		
LING 415	Semantics	3.00

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 of Computing (Honours)



ii. Philosophy

Title	Units
a. select 6.00 units from the following:	
What is Philosophy?	
Fundamental Questions	
ne following:	
Epistemology and Metaphysics	6.00
inits from the following:	3.00
Philosophy of Mathematics	
Minds and Machines	
Philosophy of Psychology	
Philosophy of Mind	
Philosophy of Language	
Philosophy of the Natural Sciences	
	inits from the following: What is Philosophy? Fundamental Questions is following: Epistemology and Metaphysics inits from the following: Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language

iii. Psychology

Code	Title	Units
a. Complete th	ne following:	
PSYC 100	Principles of Psychology	6.00
b. Complete th		
PSYC 221	Cognitive Psychology	3.00
c. Select 3.00 units from the following:		
PSYC 203	Research Methods in Psychology	
PSYC 271	Brain and Behaviour I	

d. Select 3.00 units from COGS_Psychology at the 300 leves.00 or above

3. Substitutions

A. Students may be permitted to substitute PSYC 501 Honours Thesis for COGS 499 Advanced Undergraduate Project and 6.0 additional units of the Plan, provided they have taken PSYC 203 Research Methods in Psychology and (PSYC 301 Advanced Statistical Inference and PSYC 302 Advanced Research Methods) meet the minimum grade requirements for PSYC 501 Honours Thesis, and have the support of a supervisor in PSYC.

B. Students in the internship version of this Plan will substitute 3.0 units from COMP at the 300 level for requirement 1.K. (COGS 499 Advanced Undergraduate Project). In addition, the B.Cmp.(Hons.) Program requirements will be increased by 6.0 units from COMP at the 300 level, for a total of 126.0 units if the student is taking a 12-month internship, or by 9.0 units from COMP at the 300 level, for a total of 129.0 units if the student is taking a 16-month internship.

4. Notes

A. Those students with no programming experience should review first-year course choices based on the Section on Introductory Courses at the start of the chapter on Computing.

B. As COGS is a multi-disciplinary subject, several first-year courses are required. With the exception of CISC 121 Introduction to Computing Science I and MATH 111 Linear Algebra, 100-level courses may be deferred to later years depending upon the planned progression of subsequent courses. With approval of an advisor, COGS 100 Introduction to Cognitive Science may be taken in Year 2 of the Plan.

C. Many upper-year courses in CISC, LING, PHIL and PSYC have prerequisites outside the courses required for COGS, and students should take this into account in planning for their optional and elective units. Not all upper-year courses are offered every year.

D. The Plan allows 24.0 units for elective courses. Many disciplines are narrowly focused, and electives are essential to allow students to broaden their education. In the case of COGS, the plan is already very broad, and students are encouraged to use their electives to further pursue the area(s) of Cognitive Science in which they are most interested.

E. A maximum of 6.0 units from courses offered by other Faculties and Schools may be counted toward the program and/or Plan Requirements. This includes courses in BMED, COMM, GLPH, LAW, NURS and courses in the Faculty of Engineering and Applied Science.

Cognitive Science Course Lists

The following lists contain courses offered through other Departments. In accordance with Academic Regulation 2.5 (Access to Classes), students do not have enrolment priority in all of these courses. Access to these courses may only be made available during the Open Enrolment period, and then only if space permits.

COGS_Computing

Code	Title	Units	
Cognitive Science Computing Options			
CISC 220	System Level Programming	3.00	
CISC 223	Software Specifications	3.00	
CISC 226	Game Design	3.00	
CISC 271	Linear Data Analysis	3.00	
CISC 325	Human-Computer Interaction	3.00	
CISC 332	Database Management Systems	3.00	
CISC 340	Digital Systems	3.00	
CISC 365	Algorithms I	3.00	



CISC 425	Advanced User Interface Design	3.00	PSYC 350	Selected Topics in Developmental	3.00
CISC 454	Graphics (A)	3.00		Psychology	
CISC 457	Image Processing and Computer	3.00	PSYC 352	Cognitive and Language Development	3.00
CISC 465	Semantics of Programming Languages	3.00	PSYC 353	Atypical Development	3.00
CISC 486	Game Development	3.00	PSYC 355	Comparative Cognition: Cognitive Origin	s 3.00
CISC 496	Game Development Project	3.00		Laboratory	
CISC 500	Undergraduate Thesis	6.00	PSYC 365	Selected Topics in Behavioural Neuroscience	3.00
COGS 300	Programming Cognitive Models	3.00	PSYC 370	Brain and Behaviour II	3.00
COGS_Ling	uistics		PSYC 420	Advanced Topics in Cognitive Psychology	
Code	Title	Units	PSYC 422	Advanced Topics in Attention	3.00
Cognitive Scie	ence Linguistics Options		PSYC 423	Visual Cognition in the Real World	3.00
LING 100	Introduction to Linguistics	6.00	PSYC 442	Culture and Cognition	3.00
LING 310	Phonetics	3.00	PSYC 452	Developmental Psycholinguistic	3.00
LING 320	Phonology	3.00		, , , ,	
LING 330	Morphology	3.00	NSCI_Opti	ions	
LING 340	Syntax	3.00	Code	Title	Units
LING 340 LING 415	Semantics	3.00	Neuroscienc	e Options	
LING 413	Semantics	3.00	NSCI 323	Cellular Neuroscience	3.00
COGS_Phile	osophy		NSCI 324	Systems Neuroscience	3.00
Code	Title	Units	NSCI 401	Introduction to Theoretical Neuroscienc	e 3.00
Cognitive Scie	ence Philosophy Options		CTAT Onti	ons	
PHIL 111	What is Philosophy?	6.00	STAT_Opti		
			$\Gamma \wedge d \wedge$	Titlo	Units
PHIL 115	Fundamental Questions	6.00	Code	Title	Oilits
PHIL 115 PHIL 250	-	6.00 6.00	Statistic Cou	rse Options	
	Epistemology and Metaphysics		Statistic Cou BIOL 243	Irse Options Introduction to Statistics	3.00
PHIL 250	-	6.00	Statistic Cou BIOL 243 CHEE 209	Irse Options Introduction to Statistics Analysis Of Process Data	3.00 3.50
PHIL 250 PHIL 261	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines	6.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162	Introduction to Statistics Analysis Of Process Data Managerial Statistics	3.00 3.50 3.00
PHIL 250 PHIL 261 PHIL 270	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology	6.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics	3.00 3.50 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind	6.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Introduction to Statistics	3.00 3.50 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language	6.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics	3.00 3.50 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences	6.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Introduction to Statistics	3.00 3.50 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Introduction to Statistics Introduction to Statistics	3.00 3.50 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics	3.00 3.50 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Statistics in Psychology	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Statistics in Psychology Introduction to Statistics	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psycoode	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psycoode	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind Chology Title	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200 STAT 252	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psycoode Cognitive Science	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind Chology Title Ence Psychology Options	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200 STAT 252 STAT 263 STAT 367	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Engineering Data Analysis	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psyc Code Cognitive Scie PSYC 100	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind Chology Title Ence Psychology Options Principles of Psychology	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Coursell BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200 STAT 252 STAT 263 STAT 367 CISC_Artif	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Statistics in Psychology Introduction to Statistics Engineering Data Analysis Ficial_Intelligence	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psyc Code Cognitive Scie PSYC 100 PSYC 203	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind Chology Title Ence Psychology Options Principles of Psychology Research Methods in Psychology	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200 STAT 252 STAT 263 STAT 367 CISC_Artif	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Introductory Applied Probability Introduction to Statistics Engineering Data Analysis icial_Intelligence Title	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psyc Code Cognitive Scie PSYC 100 PSYC 203 PSYC 251	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind Chology Title Ence Psychology Options Principles of Psychology Research Methods in Psychology Developmental Psychology	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Cou BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200 STAT 252 STAT 263 STAT 367 CISC_Artif Code Artificial Intel	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Statistics in Psychology Introduction to Statistics Introduction to Statistics Introduction to Statistics Introduction to Statistics Introductory Applied Probability Introduction to Statistics Engineering Data Analysis icial_Intelligence Title ligence Options	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psyc Code Cognitive Scie PSYC 100 PSYC 203 PSYC 251 PSYC 271	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind Chology Title Ence Psychology Options Principles of Psychology Research Methods in Psychology Developmental Psychology Brain and Behaviour I	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Coulons BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200 STAT 252 STAT 263 STAT 367 CISC_Artificode Artificial Intel CISC 452	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Statistics in Psychology Introduction to Statistics Introduction to Statistics Introduction to Statistics Introduction to Statistics Introductory Applied Probability Introduction to Statistics Engineering Data Analysis icial_Intelligence Title ligence Options Neural and Genetic Computing	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psyc Code Cognitive Scie PSYC 100 PSYC 203 PSYC 251 PSYC 271 PSYC 305	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind Chology Title Ence Psychology Options Principles of Psychology Research Methods in Psychology Developmental Psychology Brain and Behaviour I Introduction to Comparative Cognition	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Coursell BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200 STAT 252 STAT 263 STAT 367 CISC_Artifical Intel CISC 452 CISC 453	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Introductory Applied Probability Introduction to Statistics Engineering Data Analysis icial_Intelligence Title Iligence Options Neural and Genetic Computing Topics in Artificial Intelligence	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00
PHIL 250 PHIL 261 PHIL 270 PHIL 311 PHIL 351 PHIL 359 PHIL 381 PHIL 451 PHIL 452 PHIL 464 COGS_Psyc Code Cognitive Scie PSYC 100 PSYC 203 PSYC 203 PSYC 271 PSYC 305 PSYC 321	Epistemology and Metaphysics Philosophy of Mathematics Minds and Machines Philosophy of Psychology Philosophy of Mind Philosophy of Language Philosophy of the Natural Sciences Current Issues in Epistemology Current Issues in Metaphysics Topics in Philosophy of Mind Chology Title Ence Psychology Options Principles of Psychology Research Methods in Psychology Developmental Psychology Brain and Behaviour I Introduction to Comparative Cognition Psycholinguistics	6.00 3.00 3.00 3.00 3.00 3.00 3.00 3.00	Statistic Coulons BIOL 243 CHEE 209 COMM 162 ECON 250 GPHY 247 KNPE 251 NURS 323 POLS 385 PSYC 202 SOCY 211 STAM 200 STAT 252 STAT 263 STAT 367 CISC_Artificode Artificial Intel CISC 452	Introduction to Statistics Analysis Of Process Data Managerial Statistics Introduction to Statistics Statistics in Psychology Introduction to Statistics Introduction to Statistics Introduction to Statistics Introduction to Statistics Introductory Applied Probability Introduction to Statistics Engineering Data Analysis icial_Intelligence Title ligence Options Neural and Genetic Computing	3.00 3.50 3.00 3.00 3.00 3.00 3.00 3.00

Bachelor of Computing (Honours)



CISC 473	Deep Learning	3.00
CISC 474	Reinforcement Learning	3.00