

PSYCHOLOGY – SPECIALIZATION (SCIENCE) – BACHELOR OF SCIENCE (HONOURS)

Subject: Administered by the Department of Psychology.

Plan: Consists of 72.00 units as described below.

Plan Code: PSYC-S-3

Program: The Plan, alone, or in combination with a Minor in another subject, and with sufficient electives to total 120.00 units, will lead to a Bachelor of Science (Honours) Degree.

Code	Title	Units
1. Core		
A. Complete the following:		
PSYC 100	Principles of Psychology	6.00
B. Complete the following:		
PSYC 202	Statistics in Psychology	3.00
C. Complete the following:		
PSYC 203	Research Methods in Psychology	3.00
D. Complete the following:		
PSYC 301	Advanced Statistical Inference	3.00
E. Complete the following:		
PSYC 302	Advanced Research Methods	3.00
2. Option		
A. Complete 12.00 units from the following:		12.00
PSYC 221	Cognitive Psychology	
PSYC 236	Introduction to Clinical Psychology	
PSYC 241	Social Psychology	
PSYC 251	Developmental Psychology	
PSYC 271	Brain and Behaviour I	
B. Complete 3.00 units from the following course list:		3.00
PSYC_Labs		
C. Complete one of the following options:		9.00
i. Seminar Option:		
a. PSYC at the 400-level		
ii. Thesis Option:		
a. PSYC 501		
D. Complete 3.00 units from each of the following course lists:		12.00
a. PSYC_Clinical		
b. PSYC_Cognitive_Neuroscience		
c. PSYC_Developmental		
d. PSYC_Social		
E. Complete 3.00 units from the following:		3.00
PSYC at the 300-level or above		
F. Complete 3.00 units from the following:		3.00
PSYC at the 200-level or above		

3. Supporting

A. Complete 12.00 units from the following: 12.00

BIOL 102 Fundamentals of Biology: Molecular and
 & BIOL 103 Cell Biology
 and Fundamentals of Biology: Organisms
 to Ecosystems

CHEM 112 General Chemistry
 or CHEM 111 General Chemistry I (with Virtual Laboratory):
 From Atoms to Matter
 & CHEM 112 and General Chemistry II (with Virtual
 Laboratory): Thermodynamics and Kinetics

CISC 121 Introduction to Computing Science I
 & CISC 124 and Introduction to Computing Science II

MATH at the 100-level

PHYS 104 Fundamental Physics
 or PHYS 105 General Physics
 or PHYS 115 Introduction to Physics I
 and Introduction to Physics II
 & PHYS 116
 or PHYS 118 Basic Physics

Electives and/or Other Plan Requirements 48.00

Total Units 120.00

4. Substitutions

A. PSYC 202/3.0, PSYC 203/3.0, PSYC 301/3.0, and PSYC 302/3.0 may **not** be substituted by an equivalent course from another university. Letters of Permission will only be granted in extraordinary cases. These courses may not be repeated, except with the permission of the Chair of Undergraduate Studies.

5. Notes

A. A maximum of 6.00 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, HSCI, LAW, NURS, and courses offered by Smith Engineering.

Psychology Course Lists

PSYC_Labs

Code	Title	Units
PSYC 315	Introduction to the Analysis of Psychological Signals	3.00
PSYC 321	Psycholinguistics	3.00



PSYC 322	Experience Sampling from Lab to Daily Life	3.00
PSYC 323	Laboratory in Attention	3.00
PSYC 327	Laboratory in Social and Strategic Decision-Making	3.00
PSYC 334	Laboratory in Psychological Testing	3.00
PSYC 338	Laboratory in Clinical Psychology	3.00
PSYC 341	Laboratory in Social Psychology	3.00
PSYC 355	Comparative Cognition: Cognitive Origins Laboratory	3.00
PSYC 360	The Neurobiology and Psychology of Sleep	3.00
PSYC 375	Comparative Cognition: Animal Learning Laboratory	3.00
PSYC 380	Advanced Perception	3.00
PSYC 495	Advanced Topics in Psychology	3.00
PSYC 570	Directed Special Laboratory I	3.00
PSYC 575	Directed Special Laboratory II	3.00

PSYC_Clinical

Code	Title	Units
PSYC 324	Intersection of Psychology and Technology	3.00
PSYC 330	Selected Topics in Clinical Psychology	3.00
PSYC 331	Introduction to Personality	3.00
PSYC 332	Health Psychology	3.00
PSYC 333	Human Sexuality	3.00
PSYC 334	Laboratory in Psychological Testing	3.00
PSYC 335	Positive Psychology	3.00
PSYC 336	Advanced Adult Clinical Psychology	3.00
PSYC 337	Advanced Child Clinical Psychology	3.00
PSYC 338	Laboratory in Clinical Psychology	3.00
PSYC 428	Psychotic Disorders	3.00
PSYC 429	Pain: Body and Mind	3.00
PSYC 432	Affective Psychophysiology	3.00
PSYC 433	Human Sexual Function and Dysfunction	3.00
PSYC 435	Advanced Topics in Clinical Psychology	3.00
PSYC 436	Sexuality and Gender	3.00
PSYC 437	Mood Disorders	3.00
PSYC 438	Self-Injury and Suicide	3.00
PSYC 439	Interpersonal Processes in Depression	3.00

PSYC_Cognitive_Neuroscience

Code	Title	Units
PSYC 305	Introduction to Comparative Cognition	3.00
PSYC 315	Introduction to the Analysis of Psychological Signals	3.00
PSYC 320	Selected Topics in Cognitive Neuroscience	3.00
PSYC 321	Psycholinguistics	3.00

PSYC 322	Experience Sampling from Lab to Daily Life	3.00
PSYC 323	Laboratory in Attention	3.00
PSYC 324	Intersection of Psychology and Technology	3.00
PSYC 325	Cognitive Neuroscience	3.00
PSYC 326	Principles of Memory	3.00
PSYC 327	Laboratory in Social and Strategic Decision-Making	3.00
PSYC 354	Language	3.00
PSYC 355	Comparative Cognition: Cognitive Origins Laboratory	3.00
PSYC 360	The Neurobiology and Psychology of Sleep	3.00
PSYC 365	Selected Topics in Behavioural Neuroscience	3.00
PSYC 366	Gender/Sex, Hormones, and Behaviour	3.00
PSYC 370	Brain and Behaviour II	3.00
PSYC 375	Comparative Cognition: Animal Learning Laboratory	3.00
PSYC 376	Functional Neuroimaging the Human Brain and Mind	3.00
PSYC 377	Decision-Making and the Brain: Principles of Neuroeconomics	3.00
PSYC 380	Advanced Perception	3.00
PSYC 420	Advanced Topics in Cognitive Psychology	3.00
PSYC 421	Memory and the Brain	3.00
PSYC 422	Advanced Topics in Attention	3.00
PSYC 423	Driving, Deepfakes, and Disinformation: Applications of Visual Cognition	3.00
PSYC 424	Research Into Spontaneous Thought	3.00
PSYC 444	Language and Reasoning	3.00
PSYC 452	Developmental Psycholinguistics	3.00
PSYC 470	Advanced Topics in Behavioural Neuroscience	3.00
PSYC 471	Behavioural Pharmacology	3.00
PSYC 473	Neurobiology of Psychiatric Disorders	3.00

PSYC_Developmental

Code	Title	Units
PSYC 350	Selected Topics in Developmental Psychology	3.00
PSYC 351	Social and Emotional Development	3.00
PSYC 352	Cognitive and Language Development	3.00
PSYC 353	Atypical Development	3.00
PSYC 354	Language	3.00
PSYC 358	Developmental Social Neuroscience	3.00
PSYC 450	Advanced Topics in Developmental Psychology	3.00
PSYC 451	Brain Development	3.00

PSYC 452	Developmental Psycholinguistics	3.00
PSYC 453	Infancy	3.00
PSYC 454	Child in Society	3.00
PSYC 455	Adolescence	3.00
PSYC 456	Theory of Mind	3.00
PSYC 457	Autism Spectrum Conditions	3.00
PSYC 458	Neurobiology of Socio-Emotional Development in Adolescence	3.00
PSYC 459	Socioemotional Development in the Digital Age	3.00

PSYC_Social

Code	Title	Units
PSYC 324	Intersection of Psychology and Technology	3.00
PSYC 327	Laboratory in Social and Strategic Decision-Making	3.00
PSYC 340	Selected Topics in Social Psychology	3.00
PSYC 341	Laboratory in Social Psychology	3.00
PSYC 342	The Psychology of Social Influence	3.00
PSYC 343	Judgement and Decision Making	3.00
PSYC 354	Language	3.00
PSYC 366	Gender/Sex, Hormones, and Behaviour	3.00
PSYC 430	The Self	3.00
PSYC 440	Advanced Topics in Social Psychology	3.00
PSYC 441	Attitudes and Persuasion	3.00
PSYC 442	Culture and Cognition	3.00
PSYC 443	Intimate Relationships	3.00
PSYC 444	Language and Reasoning	3.00