

# Study Plan for Students Admitted in 2020/2021 onwards

(Updated on 26 May 2020)

## Psychology

Year I		Credits
PSYC1000^	General Psychology	3
PSYC1001^	Psychology Statistics I	3
<b><u>Languages and Skills<sup>1</sup></u></b>		
EELC1001	Interactive English I	3
EELC1002	Interactive English II	3
CHLL1000	University Chinese <i>or</i> PORT1000 Portuguese Language I – Introductory Portuguese	3
CISC1000	Information Technology Fundamentals and Practices	3
<b><u>Community and Peer Education</u></b>		
CPED1000	Residential College Experiential Learning	1
CPED1001	Physical Education I	0.5
CPED1002	Physical Education II	0.5
CPED1003	Communication Skills and Leadership	1
3 General Education Courses <sup>2</sup>		9
<b>Total Credits:</b>		<b>30</b>

Year II		Credits
PSYC2000^	Developmental Psychology	3
PSYC2001^	Sensation and Perception	3
PSYC2002^	Human Learning And Cognition	3
PSYC2003^	Social Psychology	3
PSYC2004^	Personality Psychology	3
PSYC2005^	Psychology Statistics II	3
<b><u>Languages and Skills<sup>1</sup></u></b>		
EELC1003	Academic English	3
3 General Education Courses <sup>2</sup>		9
<b>Total Credits:</b>		<b>30</b>

<b>Year III</b>		<b>Credits</b>
PSYC3000^	Abnormal Psychology	3
PSYC3002	Research Methods	3
PSYC3004^	Physiological Psychology	3
PSYC3021^	Experimental Psychology	3
2 General Education Courses <sup>2</sup>		6
2 Required Electives in Psychology		6
2 Free Electives		6
<b>Total Credits:</b>		<b>30</b>

<b>Year IV</b>		<b>Credits</b>
PSYC3022^	Psychology of Testing	3
PSYC4005^	Clinical Psychology	3
6 Required Electives in Psychology		18
2 Free Electives		6
<b>Total Credits:</b>		<b>30</b>

### **Required Electives in Psychology**

Out of the 8 Required Electives, students are required to choose 1 course from the list A and 7 courses from the list B:

**Required Elective List A** – students are required to **choose 1 course** from the following list:

- PSYC4000                      Graduation Project
- PSYC4002                      Research Project II (Pre-requisite: PSYC4001 Research Project I)

**Required Elective List B** – students are required to **choose 7 courses** from the following list:

- PSYC2006                      Close Relationships
- PSYC3001                      Cultural Psychology
- PSYC3003                      Psychology of Addiction
- PSYC3006                      Cognitive Neuroscience
- PSYC3008                      Psychology of Leadership
- PSYC3009                      Consumer Psychology
- PSYC3013                      Evolution, Human Nature and Behaviour
- PSYC3014                      Health and Behaviour
- PSYC3016                      Psychology of Learning and Motivation
- PSYC3017                      Selected Topics I
- PSYC3018                      Selected Topics II
- PSYC3020                      Cognitive Development
- PSYC4001                      Research Project I
- PSYC4003                      Field Experience I
- PSYC4004                      Field Experience II
- PSYC4006                      Organizational Psychology
- PSYC4007                      Global Mental Health
- PSYC4008                      Intelligence and Creativity
- PSYC4012                      Social Cognition
- PSYC4015                      Great Ideas in Psychology
- PSYC4017                      Advances in Psychological Science
- PSYC4018                      Issues in Applied Psychology

**Remarks:**

Students who have completed PSYC1000 Introduction to Psychology cannot take the GE course GESB1010 Psychology of Everyday Life to fulfil the GE requirement.

**<sup>1</sup>Languages and Skills:**

Students who test out of some or all of the Languages and Skills course(s) are required to make up the credits by taking additional Free Elective(s).

**<sup>2</sup>General Education:**

Students are required to complete the following 4 compulsory GE courses and also complete the remaining 4 GE courses from the four GE areas (Global Awareness, Literature and Humanities, Science and Technology, Society and Behaviour);

1. GEGA1000 Macao and Chinese Civilization
2. GELH1000 Chinese Language and Culture
3. GEST1002 Quantitative Reasoning for Social Sciences
4. Ethics, Values, Law and Society
  - GESB1001 – Applied Ethics (offered by FBA –1 credit)
  - GESB1002 – Foundations of Moral Values (offered by FAH–1 credit)
  - GESB1003 – Law and Society (offered by FLL –1 credit)

^ The 12 fundamental psychology courses (course list no. 1-12 from the psychological therapist registration requirements) for 《治療師(心理治療)資格認定基準》 announced by the Health Bureau, Macao SAR:

《治療師(心理治療)資格認定基準》第二項第 1 至 12 門心理學相關科目		UM Courses			
		Course Code	Course Title in English	Course Title in Chinese	Arrangement
1	普通心理學	PSYC1000	General Psychology	普通心理學	1 <sup>st</sup> Academic Year
2	心理統計學	PSYC1001 & PSYC2005	Psychology Statistics I & Psychology Statistics II	心理統計學 I & 心理統計學 II	1 <sup>st</sup> Academic Year & 2 <sup>nd</sup> Academic Year
3	心理實驗學	PSYC3021	Experimental Psychology	心理實驗學	3 <sup>rd</sup> Academic Year
4	心理測驗學	PSYC3022	Psychology of Testing	心理測驗學	4 <sup>th</sup> Academic Year
5	性格心理學	PSYC2004	Personality Psychology	性格心理學	2 <sup>nd</sup> Academic Year
6	發展心理學	PSYC2000	Developmental Psychology	發展心理學	2 <sup>nd</sup> Academic Year
7	生理心理學	PSYC3004	Physiological Psychology	生理心理學	3 <sup>rd</sup> Academic Year
8	知覺心理學	PSYC2001	Sensation and Perception	知覺心理學	2 <sup>nd</sup> Academic Year
9	人類學習與認知	PSYC2002	Human Learning and Cognition	人類學習與認知	2 <sup>nd</sup> Academic Year
10	社會心理學	PSYC2003	Social Psychology	社會心理學	2 <sup>nd</sup> Academic Year
11	臨床心理學	PSYC4005	Clinical Psychology	臨床心理學	4 <sup>th</sup> Academic Year
12	變態心理學	PSYC3000	Abnormal Psychology	變態心理學	3 <sup>rd</sup> Academic Year

## Course Description

### **PSYC1000 GENERAL PSYCHOLOGY**

This is a foundation course offering an introductory survey of the various areas of psychology from the perspective of psychology as the scientific study of behaviour. The course explores the major theories, methods, and research findings in such topics as personality, life-span development, social relations, as well as the biological bases of behaviour. The focus will be on relationship between research results and their applications to daily life.

Pre-requisite: None

### **PSYC1001 PSYCHOLOGY STATISTICS I**

This course provides the fundamental skills and knowledge needed to understand and use statistical procedures in basic psychological research. Topics cover basic descriptive and inferential statistics, including measures of central tendency and variability, probability, sampling, the normal distribution, hypothesis testing and statistical power, t-tests for means, analysis of variance, correlation and simple linear regression. Activities will include the use of statistical software packages to explore data and conduct an analysis.

Pre-requisite: None

### **PSYC2000 DEVELOPMENTAL PSYCHOLOGY**

In this course, students examine theories of human development across the life cycle of the individual from birth to death, in different domains including physical, cognitive, and social and personality. Research methods for studying developmental processes, as well as various issues related to the processes and challenges of developmental transitions in different life periods within a local context are discussed.

Pre-requisite: None

### **PSYC2001 SENSATION AND PERCEPTION**

In this course, students will study the sensory process in acquiring information and how the information is understood and interpreted in our brains resulting in various perceptual experiences. Various sensory systems will be introduced with a primary emphasis on the visual system.

Pre-requisite: None

### **PSYC2002 HUMAN LEARNING AND COGNITION**

This course introduces the theoretical and empirical research of cognitive processes. The course covers the fundamental concepts and theories of thinking and levels of mental processes of how human mind works (and fails to work) such as how we perceive, attend, remember (or forget), think and reason.

Pre-requisite: None

### **PSYC2003 SOCIAL PSYCHOLOGY**

This course examines how people think, feel, and behave when they are in the actual or imagined presence of others. The course covers classical and contemporary topics in social psychology, including perceptions of the self in relation to others, attitudes, social cognition, and the interpersonal dynamics of social behaviours, such as attraction, persuasion, and conformity. Instruction may also include the application of social principles and research to various settings.

Pre-requisite: None

### **PSYC2004 PERSONALITY PSYCHOLOGY**

In this course, students encounter the major theories and theorists that historically shaped the psychological understanding of personality. The focus is on different questions, units of analysis, assumptions about causes of behaviour, and approaches to personality change proposed by theories of personality. Students engage in examining the underlying assumptions, conceptual issues, and motivation of human behaviour based on contemporary research regarding human

nature and personality.  
Pre-requisite: None

### **PSYC2005 PSYCHOLOGY STATISTICS II**

This course covers advanced statistical methods and procedures commonly used in experimental and non-experimental research in psychology. Topics include multiple regression and, at more advanced levels, mediating effect, interaction effect, factor analysis, path analysis, structural equation modeling, and hierarchical linear modeling. This course focuses on the application of these and other analytical procedures especially in non-experimental research.

Pre-requisite: Psychology Statistics I

### **PSYC2006 CLOSE RELATIONSHIPS**

Close relationships are central to our lives; friends, parents, siblings, romantic partners, social networks, and acquaintances, have an enormous influence on our thoughts, feelings and behavior. The purpose of this course is to help students understand the processes that regulate human social relationships, through the lens of psychological method. It will include an overview of the social-psychological theories of relationships research and an exploration of the current literature. Specifically, this course will focus on topics such as: our need for relationships, interpersonal attraction, intimacy, love, attachment, communication, relationship maintenance, sexuality, relationship trajectories, relationship dissolution, jealousy, and extra-dyadic relationships.

Pre-requisite: None

### **PSYC3000 ABNORMAL PSYCHOLOGY**

Abnormal Psychology introduces students to the scientific study of psychological disorders and dysfunctional behaviour. While the course surveys a broad selection of disorders, it focuses on the contributing factors, clinical presentation, and treatment implications of these selected disorders. At the same time, students will explore how biological, psychological, social and multicultural dimensions interact to cause a particular disorder.

Pre-requisite: Introduction to Psychology

### **PSYC3001 CULTURAL PSYCHOLOGY**

The course examines the relationship between individual psychological functioning and cultural contexts, both from a theoretical and practical/research point of view. The focus is on cross-cultural comparisons of behaviour, cognition, self, attribution, reasoning, decision making, communication, emotion, motivation, socialization, and more, with the aim of raising awareness and understanding of human commonality and diversity.

Pre-requisite: Social Psychology

### **PSYC3002 RESEARCH METHODS**

This course presents the concepts of scientific inquiry and the methods used by psychologists to investigate human behavior and individual differences. It covers basic concepts and procedures across the research process, including reliability and validity, and instrument development and validation (measurement), experimental designs, sampling and surveys, as well as qualitative methods (research design), and the application of analytical tools in testing hypotheses and research questions (data analysis). This course focuses on the quantitative methodological approach. Students are expected to understand the process of quantitative research and be able to conduct their own studies using some of the necessary methods and approaches.

Pre-requisite: Psychology Statistics I

### **PSYC3003 PSYCHOLOGY OF ADDICTION**

The main objective of this course is to understand addictive behaviour and its paradoxes using fundamental psychological concepts and focusing on the psychological causes of excessive behavioural patterns such as drug dependence, gambling disorder, and Internet addiction. Addictive behaviours and behavioural change are examined from different perspectives such as personality, social, and cognitive psychology, as well as the growing body of knowledge in the field, including assessment, treatment, and prevention strategies.

Pre-requisites: None

**PSYC3004      PHYSIOLOGICAL PSYCHOLOGY**

This course focuses on introducing the fundamental principles of brain structures and their associated functions, and the physiological basis of behaviour. Topics include anatomy and physiology of the nervous system, genetic influences on behaviour, the physiological bases of emotional behaviour (e.g., anxiety & stress), and the study of psychological disorders (e.g., alcoholism, drug abuse, & depression).

Pre-requisite: None

**PSYC3006      COGNITIVE NEUROSCIENCE**

The course provides a basic understanding of brain structure and function, brain trauma and disease, and plasticity. The methodologies utilized to study brain-behaviour relationships are reviewed, and an appreciation of the role of clinical perspectives is provided.

Pre-requisite: None

**PSYC3008      PSYCHOLOGY OF LEADERSHIP**

This course examines how leadership is defined and how views of leadership have changed over time. Psychological contributions to understanding leadership form the main basis of the course, including topics such as the types of power, personal characteristics, interpersonal interactions, hierarchical relationships, and others. Readings and discussions address the question of how people become leaders, how environmental circumstances can encourage or inhibit potential leaders, and the various personal qualities needed to be a successful leader.

Pre-requisites: None

**PSYC3009      CONSUMER PSYCHOLOGY**

This course explores how consumer think, feel and act. We will focus on applying theories in social psychology, cognitive psychology and assessment in consumer decision making processes. Topics include attitude formation and change, consumer information processing, decision processes, assessment of cultural and individual differences etc.

Pre-requisite: None

**PSYC3013      EVOLUTION, HUMAN NATURE AND BEHAVIOUR**

Whereas it is well accepted in biology that human bodies are products of natural selection, it is still controversial in the mainstream social sciences to link human behaviours to evolution. This course takes an evolutionary approach to explore the ultimate question of why, but not just how, human beings behave in the ways in which they do. Broadly covered by evolutionary cognitive, social, and developmental psychology, the topics include how the human mind works and why it works in these ways, how and why human beings negotiate social contracts with conspecies, and how and why related individuals love and hate in resolving family conflict of interest. In addition to the coverage of evolutionary psychological concepts, theoretical perspectives, and empirical findings, this course also introduces natural selection, sexual selection, kin selection, reciprocal altruism, life history, and other theoretical foundations of evolution and their applications to the study of human behaviours.

Pre-requisite: None

**PSYC3014      HEALTH AND BEHAVIOUR**

This course studies how psychology improves our understanding of health and illness. We will particularly discuss the biopsychosocial model of health and illness, which highlights the interplay among psychosocial factors, physiological processes, and behavioral pattern involved in health and illness. We will examine the contribution of this biopsychosocial model to the understanding of: a) health promotion and illness prevention, b) responses to an illness and its recovery, and c) coping with chronic diseases. In each domain, we will discuss the basic concepts, explanatory theories, research methods, and interventions developed or adopted by health psychologists. Application of the knowledge to improving individual or public health in the local context is emphasized.

Pre-requisite: None

**PSYC3016 PSYCHOLOGY OF LEARNING AND MOTIVATION**

This course offers an overview of different theories and empirical research on learning and motivation from diverse perspective and approaches (behaviorist, biological, evolutionary, cognitive, cross-cultural, etc.). Current research of learning and motivation, and their applications in applied settings will also be discussed (e.g, achievement motivation in educational settings). Pre-requisite: None

**PSYC3017 SELECTED TOPICS I**

Intensive focus concerning a selected topic of contemporary interest in psychology forms the basis for this course. The course can also include extensive fieldwork experience and may require additional hours of practical work at a selected site in the local community. Topics change with the interests and speciality of the faculty and the content varies from semester to semester. The instructor will select a topic or area of interest for discussion based on current developments in psychology and her or his expertise.

Pre-requisite: None

**PSYC3018 SELECTED TOPICS II**

Intensive focus is given to a selected topic of contemporary interest in psychology. The course can also include extensive fieldwork experience and may require additional hours of practical work at a selected site in the local community. Topics change with the interests and speciality of the faculty and the content varies from semester to semester. The instructor will select a topic or area of interest for discussion based on current developments in psychology and her or his expertise.

Pre-requisite: None

**PSYC3020 COGNITIVE DEVELOPMENT**

In this course, emphasis will be on the research findings from the study of cognitive development, particularly the development of thinking in the first decade of life. We will examine children's understanding of the physical world, psychological kinds, biological entities, number, objects, and space. Topics to be explored include theories in cognitive development, neural development, language development, conceptual development, social cognition, and academic achievements in reading and mathematics.

Pre-requisite: Introduction to Psychology or Psychology of Everyday Life

**PSYC3021 EXPERIMENTAL PSYCHOLOGY**

Experimentation is one of the major methods in psychology (it is a way of gathering new knowledge). This course introduces the essential features of this method, with reference to general concepts related to scientific knowledge, psychological research questions, and statistical analysis/inference. These general concepts will be illustrated with the help of examples from six different topics of research: These include the experimental studies of (1) goals (2) honesty/dishonesty, (3) rule-following and rule-violation (4) sense of control (5) free choice and forced choice, and (6) daydreaming. We will discuss instances in which the experimental method is a good choice and instances where it might not be appropriate.

Pre-requisite: Introduction to Psychology or Psychology of Everyday Life

**PSYC3022 PSYCHOLOGY OF TESTING**

This course is a survey of psychological testing through an overview of measurement principles, the psychological assessment process, test construction and development, reliability and validity, and the use of test results in individual psychological evaluation. Examples relevant to clinical psychology (e.g., personality, mental disorders) and school psychology (e.g., ability, aptitude, learning, etc.) are given.

Pre-requisite: Introduction to Psychology or Psychology of Everyday Life, and PSYC1001 Psychology Statistics I

**PSYC4000 GRADUATION PROJECT**

Students will gain practical experience in applying psychological knowledge and research skills

learnt. Emphasis will be put on enhancing skills in conducting literature review and designing research studies. "Students are expected to participate in a group research project, which can be an empirical study, a systematic review, or other kind of research projects.

Pre-requisite: Research Methods

#### **PSYC4001 RESEARCH PROJECT I**

This course allows promising students carrying out an independent psychological research under the supervision of a psychology faculty member. It engages the student in practical experience conducting psychological research from the proposal to writing up the thesis. With the support of the thesis mentor, a student may start working on an honors thesis in year 3.

Pre-requisites: Research Methods

#### **PSYC4002 RESEARCH PROJECT II**

A continuation of Research Project I

Pre-requisite: Research Project I

#### **PSYC4003 FIELD EXPERIENCE I**

This course includes supervised field work/internship experiences in different work settings or counseling settings pertinent to formal academic training in applied psychology or counselling psychology. Students' performance in the Field Experience will be evaluated by the individual supervising faculty member and students' immediate supervisor in the work settings. In addition to learning how to apply psychological concepts with clinical populations, the field experience course provides students the opportunity to conduct supervised applied field research, to apply their analytic skills toward investigating ways to evaluate community health programmes and gather data to improve local services.

Pre-requisite: None

#### **PSYC4004 FIELD EXPERIENCE II**

This course includes supervised field work/internship experiences in different work settings or counseling settings pertinent to formal academic training in applied psychology or counselling psychology. Students' performance in the Field Experience will be evaluated by the individual supervising faculty member and students' immediate supervisor in the work settings. In addition to learning how to apply psychological concepts with clinical populations, the field experience course provides students the opportunity to conduct supervised applied field research, to apply their analytic skills toward investigating ways to evaluate community health programmes and gather data to improve local services.

Pre-requisite: None

#### **PSYC4005 CLINICAL PSYCHOLOGY**

This course introduces students to the specialization of clinical and counselling psychology. It covers the basic theoretical assumptions when understanding and treating pathological behaviours; spectrum of subfields and their prospects; and paradigms and implications in clinical and counselling psychology as a profession.

Pre-requisites: Introduction to Psychology

#### **PSYC4006 ORGANIZATIONAL PSYCHOLOGY**

This course examines human behavior in organizations based on classical organizational theory and contemporary empirical research at the micro (individual, interpersonal, and group) and macro (organizational/environmental) levels. Theoretical bases include the principles of scientific management, the human relations movement, and organizations as systems. Empirical and applied foci will be on traditional organizational psychology topics, such as motivation, groups as teams, leadership, decision-making, and organizational socialization, as well as organizational analysis and change.

Pre-requisites: None

#### **PSYC4007 GLOBAL MENTAL HEALTH**

Global mental health is an emerging transdisciplinary scientific field. It utilizes approaches from multiple fields including psychology, anthropology, sociology, medicine, public health and epidemiology. Students in this course will explore 1) public health and global health approaches to the treatment and prevention of ill mental health, substance abuse and neurological disorders, 2) the role of culture in mental illness and its definitions, 3) epidemiological approaches to study and measure the prevalence and incidence of mental health globally, 4) public policy implications for ill mental health, and 5) mental health systems. Readings in the course will focus on peer-reviewed research literature. A particular emphasis will be placed on research and case examples from Asian country contexts (e.g., East and South East Asia), including Macao and Mainland China, so the course will have particular local and regional relevance to students.

Pre-requisite: None

#### **PSYC4008 INTELLIGENCE AND CREATIVITY**

This course provides an overview of emerging concepts of intelligence, intelligence development and creativity from biological, cognitive and methodological approaches. Contemporary models of intelligences and creativity are introduced and compared. Practical implications of the theories and findings in applied settings such as education, workplace and interpersonal relationships are discussed.

Pre-requisite: None

#### **PSYC4012 SOCIAL COGNITION**

This course provides an introduction to research and theories in social cognition. The course will examine how people reason and make sense of the social world. Specifically, topics examined in the course include the dual processing model, social perception and impression formation, mental representation and memory, the self, attribution, heuristics, attitudes and persuasion, stereotyping, etc.

Pre-requisite: None

#### **PSYC4015 GREAT IDEAS IN PSYCHOLOGY**

Psychology is a heterogeneous discipline with diverse historical roots. In this course, we will cover some of the major ideas, thinkers, movements in the discipline of Psychology with particular focus on ideas that have had a largescale impact on the discipline and society. The goal of this course is to enrich our perspective with regard to psychology's history, its current state and its possible futures. Course content is organized around 6 topics: How to think about psychological research methodology (how psychologists support their claims), what is behaviour, what is a person, what are goals, what are games, and what is meaning? In discussing these central topic, we will meet some of the greatest thinkers that have contributed to the discipline.

Pre-requisite: Introduction to Psychology or Psychology of Everyday Life

#### **PSYC4017 ADVANCES IN PSYCHOLOGICAL SCIENCE**

This is an advanced course devoted to current development and advancement of one or more than one area of psychology. The content coverage is expected to change from time to time and should not represent fixed textbook material but focus on the recent development in psychology at the time of offering. Attending to the feature of new and recent advancement in psychology, an offering of this course may focus on depth by going into details of a narrow topic area or may focus on breadth by covering many aspects and related issues forming a broader area of research.

Pre-requisite: None

#### **PSYC4018 ISSUES IN APPLIED PSYCHOLOGY**

This course provides an analysis of current or controversial cutting-edge topics in applied psychological science. Students will engage with readings from primary sources for exploration of various topics of relevance to local and global issues in applied psychology. The readings will vary from year to year depending on the expertise of specialist staff and the needs for advanced study of psychology.

Pre-requisite: None