

Department	International College of Liberal Arts		
Semester	Fall 2023	Year Offered (Odd/Even/Every Year)	Every Year
Course Number	PSYC150		
Course Title	Introduction to Psychobiology		
Prerequisites	None		
Course Instructor	Fong Chun Yuen	Year Available (Grade Level)	1
Subject Area	Sociology & Psychology	Number of Credits	3
Class Style	Lecture	Class Methods	Face to face

(NOTE 1) Class Methods are subject to change

(NOTE 2) Depending on the class size and the capacity of the facility, we may not be able to accommodate all students who wish to register for the course"

Course Description	Psychobiology is a psychology foundation course that emphasize in the importance of brain and biological process in the understanding of human behaviour. This module intended to introduce and overview the evolution of behaviour, organization of nervous system, neural plasticity, hormonal responses and their role in perception, sleep and mental illness.
Class plan based on course evaluation from previous academic year	For every semester, this course will be evaluated and reflect upon student course evaluation and feedback.
Course related to the instructor's practical experience (Summary of experience)	Not applicable

Learning Goals	The main goal of this module is to help the students (i) to gain a basic understanding of the structure and functions of the brain and nervous system, (ii) to understand the underlying physiological/biological processes in human behaviour, (iii) to understand how to apply psychobiological principles to other areas of psychology, (iv) to critically evaluate the impact of psychobiological research to our understanding of behaviour.
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iCLA Diploma Policy	DP1/DP2
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## iCLA Diploma Policy

(DP1) To Value Knowledge – Having high oral and written communication skills to be able to both comprehend and transfer knowledge

(DP2) To Be Able to Adapt to a Changing World – Having critical, creative, problem-solving, intercultural skills, global and independent mindset to adopt to a changing world

(DP3) To Believe in Collaboration – Having a disposition to work effectively and inclusively in teams

(DP4) To Act from a Sense of Personal and Social Responsibility – Having good ethical and moral values to make positive impacts in the world

Active Learning Methods	group discussions, behavioural experiment, problem solving task
Use of ICT in Class	UNIPA, chatGPT
Use of ICT outside Class	UNIPA, chatGPT
Expected study hours outside class	It is expected that students spend 6 hours every week (a total of 75 hours across 15 weeks) to cover all required readings, review, and preparation for the assessments.
Feedback Methods	<ol style="list-style-type: none"> <li>(1) Generic feedback on the exams</li> <li>(2) feedforward and feedback for the critical analysis</li> <li>(3) Any additional comment or advice will be given as requested.</li> </ol>

Grading Criteria		
Grading Methods	Grading Weights	Grading Content
Class participation	10%	
Mid-term exam	30%	
Critical analysis	30%	
Final exam	30%	

Required Textbook(s)	1. Lecture notes
Other Reading Materials/URL	2. Biopsychology 10th edition. By John P.J. Pinel & Steven Barnes
Plagiarism Policy	Plagiarism includes presenting someone else's work as your own, without proper attribution. Students should use their own words and ideas when completing the written assignment and cite any sources they use, following the citation and reference guidelines provided by the course lecturer. Any instances of cheating or plagiarism detected during the draft stage will result in a zero for that submission. Any cheating or plagiarism detected during the final submission or any other written assignments will result in a zero for the assignment.
Other Additional Notes	Method of contact outside classes: email and face-to-face at the instructor's office. You can either make an appointment with me by email or drop in during my office hours (to be announced in class).

(NOTE 3) Class schedule is subject to change

Class Schedule	
Class Number	Content
Class 1	(1) Course and assessment description: Psychobiology as a neuroscience
Class 2	(2) Research methods of Psychobiology
Class 3	(1) Evolution, Genetics, and Experience
Class 4	(2) Evolution, Genetics, and Experience II
Class 5	(1) Anatomy of the Nervous System I
Class 6	(2) Anatomy of the Nervous System II
Class 7	(1) Neural conduction and action potential
Class 8	(2) Synaptic Transmission

Class 9	(1) Visual system I
Class 10	(2) Visual system II
Class 11	(1) Sensory Systems
Class 12	(2) Perception and attention
Class 13	(1) Sensorimotor System
Class 14	(2) Sensorimotor System II
Class 15	(1) Development of the nervous system
Class 16	(2) mid-term exam

Class 17	(1) Brain damage
Class 18	(2) Neuroplasticity
Class 19	(1) Hunger and Eating
Class 20	(2) Health and eating habit
Class 21	(1) Hormones
Class 22	(2) sex
Class 23	(1) Sleep and dreaming
Class 24	(2) Circadian Rhythms

Class 25	(1) Drug use and Addiction
Class 26	(2) Reward Circuits
Class 27	(1) Emotion and hormones
Class 28	(2) Stress and health
Class 29	(1) Biology of Psychiatric disorder I
Class 30	(1) Biology of Psychiatric disorder II