Department	International College of Liberal Arts		
Semester	Fall 2024	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	Psychology	Number of Credits	3
Class Style	Lecture	Language of instruction	English

(NOTE 1) 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.

iCLA Diploma Policy	DP1／DP2

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	Discussion, Debate
More details/supplemental information on Active Learning Methods	not applicable
Use of ICT	not applicable

Contents of class preparation and review	not applicable	Hours expected to be spent preparing for class (hours per week)	3 hours	Hours expected to be spent on class review (hours per week)	3 hours
Feedback Methods	(1) Generic feedback on the exams and in-class assessments (2) Any additional comment or advice will be given as requested.				

Grading Criteria		
Grading Methods	Grading Weights	Grading Content
Mid-term exam	30%	
In-class writing exercises	30%	
Final exam	40%	

Required Textbook(s)	1.Lecture notes
Other Reading Materials/URL	2.Biopsychology 11th edition. By John P.J. Pinel & Steven Barnes
Plagiarism Policy	Class participation and assessments are integral to the academic process. In addition to traditional exams, students will be assessed on their interactive participation within the classroom setting. For their preparation and during class discussions, students are actively encouraged to utilize generative AI tools, such as ChatGPT. However, it's crucial to note that the use of ChatGPT or similar tools is strictly prohibited for in-class written assignments. Upholding academic integrity is paramount. Any form of cheating during exams, which includes actions like sharing answers with peers, using unauthorized materials, or any conduct that disrupts the exam's integrity, will be treated as a grave offense. Offenders can expect a score of zero for the compromised assessment.

Other Additional Notes (Outline crucial policies and info not mentioned above)	not applicable

(NOTE 2) Class schedule is subject to change

Class Schedule	
Class Number	Content
Class 1	(1)Course and assessment description; What is Biopsychology/Psychobiology?
Class 2	(2)Evolution and natural selection
Class 3	(1)Genetics and Experience I
Class 4	(2) 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)Method studying the nervous system
Class 10	(2)Behavioural method in psychobiology
Class 11	(1)Visual system I
Class 12	(2)Visual system II
Class 13	(1)Sensory Systems
Class 14	(2)Perception and attention
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