

SWK203 Biological Influences on Human Behaviour

Level: 2

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY REGULAR SEMESTER

Synopsis:

Building on the students' knowledge from the course Human Growth and Lifespan Development, this course gives students further understanding of human biology and how it relates to human behaviour. The topics covered include anatomy, physiology, genetics, and biology and its relationship to health and illness.

Topics:

- Central nervous system and peripheral nervous system
- Neurons
- Spinal cord and structures of human brain
- Resting potential and action potential
- Synaptic transmission processes and neurotransmitters
- Mendelian genetics and process of chromosomes reproduction
- Nature and nurture debate
- Bronfenbrenner Bioecological Model
- Phases of neurodevelopment
- Effects of experience on the early development
- Autism. Importance of early intervention
- Schizophrenia
- Affective disorders
- Addiction as a disease and its biological basis
- Addiction to alcohol and psychogenic drugs, gambling and internet
- Risk factors and prevention strategies
- The neuroendocrine system and the process of sexual development
- Exceptional cases in human sexual development
- Sexual orientation

Textbooks:

Introduction to Biopsychology 11th John, P. Pinel. Pearson
ISBN-13: 9781292367668

SWK203e Study Units
ISBN-13: SG-0678

Learning Outcome:

- Discuss the neurological, genetic and hormonal mechanisms that shape human behaviour.
- Demonstrate that human behaviours are often a result of the influence from multiple factors.
- Examine the biological influences on human behaviour and recommend social services that can be implemented to reduce social problems
- Explain the biological theories of mental illness and the treatment methods for mental illness and apply the knowledge to social work.
- Apply critical thinking to examine human behaviours from different perspectives and suggest implications on social work practice.
- Analyze finding and present a conclusion from literature.

Assessment Strategies - Regular Semester (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-CLASS QUIZ 1	5
	TUTOR-MARKED ASSIGNMENT 1	35
	DISCUSSION BOARD 1	10
Overall Examinable Components	Written Exam	50
Total		100

*The information listed is subject to review and change.