Liverpool John Moores University

Title:	BIOLOGICAL, COGNITIVE AND DEVELOPMENTAL PSYCHOLOGY
Status:	Definitive
Code:	**5005PSEN** (119924)
Version Start Date:	01-08-2016
Owning School/Faculty:	Education
Teaching School/Faculty:	Education

Team	Leader
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Academic Level:	FHEQ5	**Credit Value:**	24	**Total Delivered Hours:**	46
Total Learning Hours:	240	**Private Study:**	194		

Delivery Options
Course typically offered: Semester 1

Component	Contact Hours
Lecture	45

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	EXAM		34	1
Essay	DEV ESSAY		33	
Report	BIO ESSAY		33	

Aims

1. To encourage students to consider the relationship between biological, cognitive and developmental
processes.

2. To evaluate research into physiological mechanisms underlying a range of psychological processes.
3. To show how technological development allows us to address philosophical issues in psychology, including
reductionism and the identification of neural correlates of consciousness.
4. To describe the basic components of language and evaluate different theories of language development.
5. To illustrate and explore the development of reading skills in young children.
6. To examine the major areas of psychological research in human cognition.
7. To examine the relative merits of laboratory versus everyday approaches to understanding human cognition

Learning Outcomes

After completing the module the student should be able to:

1	Critically discuss issues in the development of key skills in young children, including language and reading abilities
2	Demonstrate a working knowledge of neuroanatomy and a critical understanding of neurophysiological systems.
3	Discuss key issues in cognitive psychology using research evidence to support arguments in favour and against a range of cognitive theories

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

EXAM	1
DEV ESSAY	2
BIO ESSAY	3

Outline Syllabus

Basic neuroanatomy and neural systems. The neurophysiology of sleep, sensory and perceptual processes, motivation and stress. Cognitive processes involved in perception, memory, thinking and attention. Developmental principles of language and reading.

Learning Activities

Lecture attendance, independent study, formative e-tivities.

Notes

This module advances students knowledge of three key areas of psychology. In the first part of the module students will study the development of major cognitive processes, including language and reading skills in young children. In the second part of the module students be explore basic neurophysiological processes including the structure and mechanisms of the brain. They will then relate this to systems involved in sleep, sensory and perceptual processes, motivation and stress. In the final part of the module students will examine key advances in the understanding of human cognition, including theories of perception, memory, thinking and attention.Throughout the module students will be encouraged to consider how our understanding of biology processes underpins our understanding of cognitive processes.