

## Liverpool John Moores University

Title: INTRODUCTION TO BIOLOGICAL AND COGNITIVE PSYCHOLOGY  
Status: Definitive  
Code: **4506PSYSLI** (127493)  
Version Start Date: 01-08-2021  
Owning School/Faculty: Psychology  
Teaching School/Faculty: Sri Lanka Institute of Information Technology

Team	Leader
Simon Cooper	Y

**Academic Level:** FHEQ4  
**Credit Value:** 20  
**Total Delivered Hours:** 39  
**Total Learning Hours:** 200  
**Private Study:** 161

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	32
Online	4
Seminar	2

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	MCT Exam	40	1
Essay	Essay	Essay	60	

### Aims

1. To explain how evidence is used to support and refute theories in psychology.
2. To describe the physiological mechanisms underlying a range of psychological processes.
3. To describe the cognitive mechanisms underlying perception, memory and attention.

## Learning Outcomes

After completing the module the student should be able to:

- 1 Understand fundamental methods, theories and processes in biological and cognitive psychology.
- 2 Explain how evidence is used to support theories within psychology.

## Learning Outcomes of Assessments

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

MCT Exam	1	
Essay questions	1	2

## Outline Syllabus

*Students will examine fundamental issues in cognitive psychology. They will consider theoretical models of memory, as well as examining attention and perception. Students will also be introduced to fundamental issues in biological psychology including neuroanatomy and neurotransmission before moving on to see how physiological mechanisms underlie psychological processes e.g., how drugs impact on psychological processing, the biological mechanisms that can underlie mood. A key component of the course will be understanding how classic theories in psychology have been modified over time in the light of empirical evidence. Students will be introduced to a range of research methodologies employed in both cognitive and biological psychology.*

## Learning Activities

Lectures introduce students to the topics, seminars focus on preparation for assessments. On-line conferences provides further support for assessment preparation.

## Notes

This module introduces students to biological and cognitive psychology. Students will examine fundamental issues in cognitive psychology. They will consider theoretical models of memory, as well as examining attention and perception. Students will also be introduced to fundamental issues in biological psychology including neuroanatomy and neurotransmission before moving on to see how physiological mechanisms underlie psychological processes.