

## Module Information

2022.01, Approved

### Summary Information

Module Code	5203PSYSCI
Formal Module Title	Cognitive and Biological Psychology
Owning School	Psychology
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
Psychology

### Learning Methods

Learning Method Type	Hours
Lecture	32
Online	4
Seminar	2

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
			12 Weeks

### Aims and Outcomes

Aims	1. To explore how neurophysiological processes influence behaviour.2. To investigate the structure and basic mechanisms of the brain.3. To examine key advances in the understanding of individual differences in human cognition, including theories of perception, memory, language processing, thinking and attention.
------	---

**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Discuss key issues in cognitive and biological psychology (historical and contemporary), using evidence to evaluate strengths and limitations of current theories.
MLO2	2	Demonstrate an understanding of how neurophysiological structures and processes contribute to theory development in cognitive and biological psychology.

### Module Content

Outline Syllabus	The biological psychology materials will explore the influence of biological processes on a range of behaviours in including, sensory and perceptual mechanisms, as well as more high level processes. The cognitive psychology materials will explore current debate around mechanisms supporting recognition, attention, decision making, communication and everyday memory. Both strands (cognitive and biological) will trace and evaluate both historical and contemporary perspectives.
Module Overview	This module covers key topics in the area of cognitive and biological psychology. This module builds on the biological and cognitive psychology materials introduced in level 4. You will explore current research relating to biological underpinnings that account for commonalities and individual differences in vision, touch, sleep, motivation, learning and consciousness.
Additional Information	This is a core psychology module covering key topics in the area of cognitive and biological psychology. This module builds on the biological and cognitive psychology materials introduced in level 4. Students will explore current research relating to biological underpinnings that account for commonalities and individual differences in vision, touch, sleep, motivation, learning and consciousness. We will consider methods for investigating these topics as well as asking how biological psychology might contribute to a better understanding of cognitive processes. Students will also study current cognitive accounts of attention, recognition, problem-solving, thinking and communication, with particular reference to applications to 'real-world' problems, where appropriate.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	short essays cog & bio	50	0	MLO1
Centralised Exam	Multiple choice exam cog & bio	50	1	MLO2

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Samantha Brooks	Yes	N/A

Samantha Brooks	Yes	N/A
-----------------	-----	-----

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------