

Summary Information

Module Code	5104SPOPSY
Formal Module Title	Cognitive and Biological Psychology
Owning School	Sport and Exercise Sciences
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
James Roberts	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Simon Bennett	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Sport and Exercise Sciences

Learning Methods

Learning Method Type	Hours
Lecture	22
Seminar	22

Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	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.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Discuss key issues in cognitive and biological psychology (historical and contemporary), using evidence to evaluate strengths and limitations of current theories.
MLO2	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 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 will investigate the structure and basic mechanisms of the brain to explore how it influences behaviour. You will examine key advances in the understanding of individual differences in human cognition, including theories of perception, memory, language processing, thinking and attention.

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)	Learning Outcome Mapping
Essay	Essay	50	0	MLO1
Centralised Exam	Exam	50	1	MLO2