

Liverpool John Moores University

Title: INTRODUCTION TO BIOLOGICAL AND COGNITIVE PSYCHOLOGY
Status: Definitive
Code: **4206PSYSCI** (121368)
Version Start Date: 01-08-2021
Owning School/Faculty: Psychology
Teaching School/Faculty: Psychology

| Team | Leader |
|----------------|--------|
| Samuel Roberts | 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 | MCT Exam | MCT Exam | 40 | 1 |
| Essay | Essay | Essay | 60 | |

Aims

1. To explain how evidence is used to refute and support 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.