

Module Information

2022.01, Approved

Summary Information

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| Module Code | 4104SPOPSY |
| Formal Module Title | Introduction to Biological and Cognitive Psychology |
| Owning School | Sport and Exercise Sciences |
| Career | Undergraduate |
| Credits | 20 |
| Academic level | FHEQ Level 4 |
| Grading Schema | 40 |

Teaching Responsibility

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|-----------------------------------|
| LJMU Schools involved in Delivery |
| Sport and Exercise Sciences |

Learning Methods

| Learning Method Type | Hours |
|----------------------|-------|
| Lecture | 24 |
| Online | 12 |

Module Offering(s)

| Display Name | Location | Start Month | Duration Number Duration Unit |
|--------------|----------|-------------|-------------------------------|
| JAN-CTY | CTY | January | 12 Weeks |

Aims and Outcomes

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|------|---|
| 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 |
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After completing the module the student should be able to:

Learning Outcomes

| Code | Number | Description |
|------|--------|---|
| MLO1 | 1 | Understand fundamental methods, theories and processes in biological and cognitive psychology |
| MLO2 | 2 | Explain how evidence is used to support theories within psychology |

Module Content

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|------------------------|---|
| 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. |
| Module Overview | This module will explain how evidence is used to refute and support theories in psychology. It will describe the physiological mechanisms underlying a range of psychological processes and describe the cognitive mechanisms underlying perception, memory and attention. |
| Additional Information | This module introduces Sport Psychology 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. |

Assessments

| Assignment Category | Assessment Name | Weight | Exam/Test Length (hours) | Module Learning Outcome Mapping |
|---------------------|-----------------|--------|--------------------------|---------------------------------|
| Centralised Exam | MCT Exam | 40 | 1 | MLO1 |
| Portfolio | Essay | 60 | 0 | MLO1, MLO2 |

Module Contacts

Module Leader

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

Partner Module Team

| Contact Name | Applies to all offerings | Offerings |
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