

### Summary Information

Module Code	6211PSYSCI
Formal Module Title	Experimental Psychology
Owning School	Psychology
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
Psychology

### Learning Methods

Learning Method Type	Hours
Lecture	10
Practical	24
Workshop	10

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
			12 Weeks

### Aims and Outcomes

Aims	<ul style="list-style-type: none"> <li>• Introduce theoretical perspectives in the experimental study of human cognition and behaviour.</li> <li>• Instruct students in methods to induce and measure human cognition and behaviour in a laboratory setting</li> <li>• Consider the importance of experimental design and control and provide students with the experience of designing a basic experimental psychology study</li> <li>• Provide students with the skills needed to prepare a research report in a concise manner in the style needed for publication including focusing on the key elements of this work.</li> <li>• Provide students with the opportunity and skills to work in a group towards a common research goal</li> <li>• Systematically consider and reflect on a range of design and working choices.</li> </ul>
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Demonstrate reflective awareness of processes involved in a laboratory team and communicate in a clear and concise manner the outcome of team work
MLO2	2	Critically discuss the theoretical perspectives that underlie the study of human cognition and behaviour, and to apply these principles (under close supervision) to an experimental study working within a group of peers
MLO3	3	Critically evaluate a research project

### Module Content

Outline Syllabus	Theoretical and practical approaches in experimental design, reading and presenting research, piloting and refining research, data analysis, preparation of research for publication and reflective awareness
Module Overview	The aim of this module is to Introduce theoretical perspectives in the experimental study of human cognition and behaviour. The module will provide you with the skills needed to prepare a research report in a concise manner in the style needed for publication including focusing on the key elements of this work.
Additional Information	This module is primarily focussed on introducing students to the methods and design decisions involved in conducting research to examine aspects of human cognition and behaviour. Students will be given a 'hands-on' learning experience accompanied by scaffolding lectures to support learning. Students will receive 4 lectures which will first introduce some general principles of experimental research before giving more specific instruction on areas of staff interest which will support students in finalising the design of an experimental project. Each session will be accompanied by a practical lab session in which students will learn about the methods and materials used to generate motivational or emotional states, and measure responses. Students will then select a project to work on and will be required to pilot their task and make design decisions (within limits) about aspects such as stimulus selection, stimulus intensity and duration.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Presentation	Reflective Essay	20	0	MLO1
Report	Experimental report	80	0	MLO2, MLO3

### Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
David Moore	Yes	N/A

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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