

Module Code:	PSY762
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Module Title:	Cognitive Psychology
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Level:	7	Credit Value:	20
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Cost Centre(s):	GAPS	<u>JACS3</u> code:	C850
		<u>HECoS</u> code:	100993

Faculty	SALS	Module Leader:	Josh Payne
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Scheduled learning and teaching hours	8.5 hrs
Guided independent study	191.5 hrs
Placement	0 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
MSc Psychology (Conversion)	✓	<input type="checkbox"/>

Pre-requisites
None

Office use only

Initial approval: 03/03/2021

Version no: 1

With effect from: 03/03/2021

Date and details of revision:

Version no:

Module Aims

- To develop students' ability to describe and evaluate current and classical psychological theories relating to aspects of cognition (e.g., attention, memory, language, thinking and problem solving).
- To increase students' ability to evaluate current knowledge of the process of information input to humans and animals
- To provide students with an introduction to cognitive neuroscience techniques
- To enable students to explore the physiology of the central nervous system

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
 KS2 Leadership, team working and networking skills
 KS3 Opportunity, creativity and problem solving skills
 KS4 Information technology skills and digital literacy
 KS5 Information management skills
 KS6 Research skills
 KS7 Intercultural and sustainability skills
 KS8 Career management skills
 KS9 Learning to learn (managing personal and professional development, self-management)
 KS10 Numeracy

At the end of this module, students will be able to

Key Skills

1	Demonstrate an understanding of the cognitive approach to the study of brain and behaviour	KS1	
		KS5	
		KS2	
2	Understand the application of key methodological approaches to the study of Cognitive Neuroscience (e.g., ERP, fMRI, brain stimulation)	KS1	KS3
		KS5	
		KS6	
3	Critically evaluate the separate and the cooperative functions of different parts of the brain	KS1	KS3
		KS9	
		KS10	
4	Demonstrate an ability to apply knowledge of cognitive psychology theory and methods to develop a project proposal	KS5	KS4
		KS6	KS3
		KS9	

Transferable skills and other attributes

Develop critical analysis and information management skills
 Develop academic writing and numeracy

Derogations

None.

Assessment:

Indicative Assessment Tasks:

1. An Essay question based on key topic in cognitive psychology.
2. A critical appraisal of publication or evaluating experiments for cognitive psychology

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration or Word count (or equivalent if appropriate)
1	1, 2, 3	Essay	60%	2500 words
2	1, 3, 4	Coursework	40%	1500 words

Learning and Teaching Strategies:

A variety of teaching and learning strategies will be adopted in this module including lectures, tutorials, case studies, workshops, and directed and self-directed learning. Due to the blended learning nature of this module, students will also learn by; engaging in remote discussions via forums on the VLE (Moodle); accessing webinars/presentations/recorded lectures shared by the module leader; and completing independent reading into the topic.

Syllabus outline:

Cognitive Neuroscience Techniques
Perception
Object & Face Recognition
Attention & Memory
Language
Thinking, Reasoning & Cognitive control
Emotion & Consciousness
Problem Solving and Decision Making

Indicative Bibliography:**Essential reading****One of these core textbooks:**

Eysenck, M. W., & Keane, M. T. (2020). *Cognitive psychology: A student's handbook* (8th ed.). Hove, UK: Psychology Press.

Eysenck, M. W., & Brysbaert, M. (2018). *Fundamentals of cognition* (3rd ed.)

British Psychological Society. (2018). *BPS Code of Ethics and Conduct*. BPS

Gilhooly, K, Lyddy, F., Pollick, F., & Buratti, S. (2021). *Cognitive Psychology* (2nd ed.)

Note: Any earlier versions of these textbooks will cover essentially the same content. All textbook resources will be enhanced by contemporary psychological research articles.

Other indicative reading & Additional Resources

Ward, J. (2019). *The Student's Guide to Cognitive Neuroscience* (4th ed.). Hove, UK Psychology Press.

Baddeley, A., Eysenck, M. W., & Anderson, M. C. (2015). *Memory* (2nd ed.). London, UK: Psychology Press.

Harley, T. J. (2013). *The psychology of language: from data to theory* (4th ed.). Hove, UK: Psychology Press.

Irwin, D., & Ross, B. (2003). *Cognitive vision: The psychology of learning and motivation*. San Diego, CA: Elsevier Science.