

Module specification

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Module Code	PSYON701
Module Title	Topics in Neuroscience
Level	7
Credit value	15
Faculty	FSLS
HECoS Code	100497
Cost Code	GAPS
Pre-requisite module	N/A

Programmes in which module to be offered

Programme title	Core/Optional/Standalone
MSc Psychology	Core

Breakdown of module hours

Learning and teaching hours	15 hrs
Placement tutor support hours	0 hrs
Supervised learning hours e.g. practical classes, workshops	0 hrs
Project supervision hours	0 hrs
Active learning and teaching hours total	15 hrs
Placement hours	0 hrs
Guided independent study hours	135 hrs
Module duration (Total hours)	150 hrs

Module aims

This module aims to provide students with an overview of some core topics in neuroscience. The module will equip students with an overview of cognitive and neurological systems, and the outcome following disruption, injury, and treatment. The content will span core neuropsychological principles and assumptions and cover contemporary perspectives on key neurological systems and disorders that may be encountered commonly in practice.

Module Learning Outcomes

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

1	Describe and evaluate core theory related to a range of neuroscience topics
2	Evaluate the contribution of research in healthy and clinical samples to our understanding of mind and brain
3	Critically evaluate treatment of specific neuropsychological disorders

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

Assessment 1: Critical appraisal of neuroscience research papers (1500 words)

Assessment 2: Case study critically evaluating treatment for a specific neuropsychological disorder (1000)

Assessment number	Learning Outcomes to be met	Type of assessment	Duration/Word Count	Weighting (%)	Alternative assessment, if applicable
1	1,2	Written Assignment	1500	60%	NA
2	3	Written Assignment	1000	40%	NA

Derogations

The minimum mark you need achieve for each module will be one of the following:

- 50%.
- A pass grade (normally only in place where an assessment is competency-based)

Learning and Teaching Strategies

The overall learning and teaching strategy will include adherence to the asynchronous elements of Active Learning Framework via a series of micro-lectures, directed reading and activities. There will be a mix of supporting materials along with directed study for students to complete as they work through the material and undertake the assessment tasks. The use of a range of digital tools within the virtual learning environment together with additional sources of reading will also be utilised to promote breadth and depth of learning.

Welsh Elements

In line with the University's Welsh Medium Scheme, students will be offered the opportunity to submit assessments through the medium of Welsh. This will be drawn to the attention of students through the student handbook.

For those students wishing to engage with the subject area via the medium of Welsh, additional resources will be made available via www.porth.ac.uk, which is the Coleg Cymraeg Cenedlaethol resource portal.

Indicative Syllabus Outline

- Neuropsychology & Neuroscience
- Perception & Disorders of Perception
- Attention & Disorders of Attention
- Executive Function & Dysfunction
- Memory & Disorders of Memory
- Communication & Language Disorders
- Emotional & Social Function and Dysfunction

Indicative Bibliography

Please note the essential reads and other indicative reading are subject to annual review and update.

Essential Reads:

Andrewes, D. (2016). *Neuropsychology: From Theory to Practice*. (2nd ed.). Routledge

Indicative reading:

- Neuropsychologia
- Journal of Neuroscience
- Neuropsychology
- Cortex
- Aphasiology

Administrative Information

For office use only	
Initial approval date	June 2026
With effect from date	September 2026
Date and details of revision	
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