

Module specification

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Module code	PSYON701
Module title	Topics in Neuroscience
Level	7
Credit value	15
Faculty	Faculty of Social and Life Sciences
Module Leader	Dr Joshua Payne
HECoS Code	100497
Cost Code	GAPS

Programmes in which module to be offered

Programme title	Is the module core or option for this programme
MSc Psychology	Core

Pre-requisites

None

Breakdown of module hours

Learning and teaching hours	15 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	15 hrs
Placement / work based learning	0 hrs
Guided independent study	135 hrs
Module duration (total hours)	150 hrs

For office use only	
Initial approval date	18.5.2021
With effect from date	September 2021
Date and details of revision	
Version number	1

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:

Portfolio of assessments that taps a range of theoretical, practical and skills-based knowledge across a broad range of neuroscience topics. Indicative tasks will include:

- Multiple choice questions (25%)
- Short answer questions (25%)
- Critical appraisal of neuroscience research papers (50%) (1500 words)

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1, 2, 3	Portfolio	100%

Derogations

None

Learning and Teaching Strategies

The overall learning and teaching strategy will include a series of lectures with accompanying media devices. There will be a mix of supporting notes/along with directed study for students to complete as they work through the material and undertake the assessment tasks. The use of a range digital tools within the virtual learning environment together with additional sources of reading will also be utilised to promote breadth and depth of learning.

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 journals

Neuropsychologia
Journal of Neuroscience
Neuropsychology
Cortex
Aphasiology

Employability skills – the Glyndŵr Graduate

Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

Core Attributes

Engaged
Enterprising
Creative
Ethical

Key Attitudes

Commitment
Curiosity
Resilience
Confidence
Adaptability

Practical Skillsets

Digital Fluency
Organisation

Critical Thinking
Emotional Intelligence
Communication