

Module Details	
Module Title	Advanced Issues in Neuropsychology
Module Code	PSY6003-B
Academic Year	2024/5
Credits	20
School	School of Social Sciences
FHEQ Level	FHEQ Level 6

Contact Hours	
Type	Hours
Lectures	20
Seminars	11
Directed Study	169

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims
<p>The aim of this module is to provide you with advanced level understanding of topics in neuropsychology. You will learn about the link between brain function, brain anatomy and behaviour. There will also be a strong focus in this module on techniques used by neuropsychologists to investigate the brain and its functioning. We will look at neurodevelopmental disorders, brain damage and its resulting consequences, recovery and approach to treatments. Ethical issues and individual differences will be discussed in all topics.</p>

Outline Syllabus
<p>This module will start with an introduction lecture that covers techniques and methodologies used in the field of neuropsychology. We will cover aspects of developmental neuropsychology including a look at critical periods, cortical plasticity and the phantom limb phenomenon. You will learn about attention deficit hyperactivity disorder, autism spectrum disorder and theories regarding how the social and linguistic brain developed. We will look at the neuropsychology of emotion and the brain basis of reward behaviour and how this links with addictive behaviour. We will look at executive functions, the frontal lobe and Alzheimer's disease. The revision session will involve a fun quiz to recap on some of the information presented in the module. Seminars will cement and provide depth to the topics covered in the lectures or will take the form of help sessions.</p>

Learning Outcomes	
Outcome Number	Description
01	Provide coherent, rich, analytic and critical accounts of relevant literature on advanced topics in neuropsychology.
02	Demonstrate knowledge of a range of research approaches.
03	Demonstrate knowledge of research methods from brain-damaged individuals to pharmacological studies/ imaging of the control brain.
04	Demonstrate an in-depth critical understanding of neuropsychological assessment techniques.
05	Appreciate current clinical interventions for the disorders discussed.
06	Understand and acknowledge ethical implications and individual differences in neuropsychology.
07	Reason scientifically with critical analysis of the literature.
08	Understand what a damaged brain can tell neuropsychologists about normal brain function.
09	Appreciate the techniques used by neuropsychologists to assess brain function.
10	Understand developmental neuropsychology, for example of ADHD/autism spectrum disorder.
11	Understand the neuropsychology of emotion, reward behaviour and addictive behaviours along with frontal lobe disorders.
12	Appreciate the neuropsychology of Alzheimer's disease.
13	Formulate a debate on key principles in neuropsychology
14	Use advanced database searching to examine a complex topic in detail from multiple perspectives
15	Carry out critical thinking and advanced debating.
16	Demonstrate your ability to apply and communicate a complex topic .
17	Carry out self-directed study with support available allowing thorough assessment of your strengths and skills important for future learning and employability.
18	Use IT to present your work creatively

Learning, Teaching and Assessment Strategy
Teaching will involve lectures covering topics in neuropsychology (LOs 5-12). Seminars will involve completing questions (workbook-quiz-type) surrounding debates of theoretical issues promoting independent and critical thinking (all LOs). Some of the seminars will take the form of help sessions timetabled to support you with the assessments. Assessment will consist of an independent literature-based review on a specific neuropsychological topic and a written exam to promote breadth and depth of understanding in this field.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Coursework - Written	Independent literature-based review 1500 words	30%
Summative	Examination - Closed Book	A timed examination that takes place on campus (2 hours)	70%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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