UNIVERSITY of BRADFORD

# Module Descriptor

| Module Details | |
|---|---|
| **Module Title:** | Advanced Issues in Neuropsychology |
| **Module Code:** | PSY6003-B |
| **Academic Year:** | 2019-20 |
| **Credit Rating:** | 20 |
| **School:** | School of Social Sciences |
| **Subject Area:** | Psychology |
| **FHEQ Level:** | FHEQ Level 6 |
| **Pre-requisites:** | |
| **Co-requisites:** | |

| Contact Hours | |
|---|---|
| **Type** | **Hours** |
| Lectures | 20 |
| Tutorials | 11 |
| Directed Study | 169 |

| Availability | |
|---|---|
| **Occurrence** | **Location / Period** |
| BDA | University of Bradford / Semester 1 (Sep - Jan) |

## Module Aims

The main aim of this module is to provide you with advanced level understanding of topics in neuropsychology. You will learn about the link between the brain and behaviour in both normal and disordered individuals. The module will also discuss treatments and recovery. There will also be a strong focus on techniques used by neuropsychologists to investigate the brain and its functioning. You will learn about the wider implications of the brain basis of emotions and cognitive function.

## Outline Syllabus

Techniques and methodologies; developmental neuropsychology and critical periods, phantom limb phenomenon; brain damage, consequences, recovery; ADHD, autism, emotion; drugs,

treatments of disorders, executive functions and frontal lobe disorders, drug addiction and Alzheimer's disease. The revision session will help with exam practice and there will be a fun quiz to cement terminology and theories in the field of neuropsychology. Ethical issues and individual differences in neuropsychology will be approached in all topics.

| Learning Outcomes | |
|---|---|
| 1 | provide coherent, rich, analytic and critical accounts of relevant literature on advanced topics in neuropsychology; |
| 10 | understand developmental neuropsychology eg. ADHD/autism; |
| 11 | understand the neuropsychology of emotion and drug addiction along with frontal lobe disorders; |
| 12 | appreciate the neuropsychology of Alzheimer's disease; |
| 13 | formulate a debate on key principles in neuropsychology; |
| 14 | create a group presentation on a neuropsychological charity. |
| 15 | use advanced database searching to examine a complex topic in detail from multiple perspectives; |
| 16 | carry out critical thinking and advanced debating; |
| 17 | work in a group to formulate a presentation thereby learning about interpersonal relationships; |
| 18 | demonstrate your ability to apply and communicate a complex topic orally; |
| 19 | carry out self-directed study in a supportive environment allowing thorough assessment of your strengths and skills important for future learning and employability; |
| 2 | demonstrate knowledge of a range of research approaches; |
| 20 | use IT to present your work creatively. |
| 3 | demonstrate knowledge of research methods from brain-damaged individuals to pharmacological studies/ imaging of the healthy brain; |
| 4 | demonstrate an in-depth critical understanding of neuropsychological assessment techniques; |
| 5 | appreciate current clinical interventions for the disorders discussed; |
| 6 | understand and acknowledge ethical implications and individual differences in neuropsychology. |
| 7 | reason scientifically with critical analysis of the literature; |
| 8 | understand what a damaged brain can tell neuropsychologists about normal brain function; |
| 9 | appreciate the techniques used by neuropsychologists to assess brain function; |

## Learning, Teaching and Assessment Strategy

Teaching will involve lectures introducing topics in neuropsychology (LOs 1-6). Tutorials will involve debates of theoretical issues promoting independent and critical thinking (LOs 7-19). Assessment will consist of an independent literature-based report on a specific

neuropsychological topic, a group presentation on a neuropsychological charity so interaction within a group to formulate a coherent presentation is necessary. There will also be a written exam to promote breadth and depth of understanding in this field. The assessments will involve all LOs.

**Mode of Assessment**

| Type | Method | Description | Length | Weighting |
|---|---|---|---|---|
| Summative | Presentation | Group presentation on a neuropsychological charity. | 20 minutes | 20% |
| Summative | Examination - closed book | 1.5 hour examination | 1.5 hours | 40% |
| Summative | Coursework | 1500 word Review Article. Independent based literature review. | 0 hours | 40% |

**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.*