

<b>Module Details</b>	
<b>Module Title:</b>	Neurocognitive Health
<b>Module Code:</b>	PSY7018-B
<b>Academic Year:</b>	2019-20
<b>Credit Rating:</b>	20
<b>School:</b>	School of Social Sciences
<b>Subject Area:</b>	Psychology
<b>FHEQ Level:</b>	FHEQ Level 7 (Masters)
<b>Pre-requisites:</b>	
<b>Co-requisites:</b>	

<b>Contact Hours</b>	
Type	Hours
Lectures	20
Tutorials	8
Directed Study	172

<b>Availability</b>	
Occurrence	Location / Period
BDA	University of Bradford / Semester 2 (Feb - May)

<b>Module Aims</b>
<ol style="list-style-type: none"> <li>1. To be able to show/demonstrate a profound understanding of how brain and cognition apply to health and wellbeing.</li> <li>2. To critically analyse methodological and theoretical issues in this field and its applications to health and wellbeing.</li> </ol>

<b>Outline Syllabus</b>
<p>Advanced brain anatomy and cognitive function.            Psychobiology: neuronal communication.            Neuroplasticity.            Methods in cognitive neuropsychology and their application to health.</p>

Neuropsychological health in children.  
 Social cognition.  
 Everyday factors affecting neuropsychological health.  
 The aging brain: implications for health and wellbeing.  
 Degenerative diseases.  
 Treatment and intervention.

### Learning Outcomes

1	<ul style="list-style-type: none"> <li>a. identify and describe the functional architecture of complex brain anatomy which links to specific neuropsychological conditions related to health;</li> <li>b. identify and evaluate the use of neuropsychological methods in the detection, evaluation and monitoring of certain neuropsychological conditions;</li> <li>c. understand neuroplasticity;</li> <li>d. Appreciate neuropsychological health in relation to child development;</li> <li>e. Understand the relatively new field of social cognitive neuroscience and its application to health;</li> <li>f. Appreciate factors affecting neuropsychological health;</li> <li>g. Understand the aging brain and degenerative diseases and the implications for health and wellbeing;</li> <li>h. Appreciate treatment and intervention methods.</li> </ul>
2	<ul style="list-style-type: none"> <li>a. understand the organisation of a research article and how to use research articles to support learning;</li> <li>b. appreciate ethical implications and individual differences in brain research;</li> <li>c. understand approaches to treatment;</li> <li>d. develop a cohesive general understanding and appreciation of the interaction between brain, behaviour and health applications.</li> </ul>
3	<ul style="list-style-type: none"> <li>a. demonstrate good analytical and critical thinking skills;</li> <li>b. demonstrate the use of IT skills to seek out current relevant literature related to the course material;</li> <li>c. develop and demonstrate the ability to think critically when reading scientific literature and discussing topics in lectures and tutorials;</li> <li>d. Contribute to a group created cohesive oral presentation. Develop oral presentation skills to deliver complex material;</li> <li>e. Develop oral presentation skills to deliver complex material.</li> </ul>

### Learning, Teaching and Assessment Strategy

Students will attend lectures and tutorials. Lectures will cover the main topic areas, promoting critical thinking and analysis of up to date information.

Tutorials will build and expand on topics covered in lectures to consolidate learning and promote critical discussion. Some tutorials will be dedicated to discussion and preparation for the assessed presentation.

Directed study for this module requires students to carry out independent reading relevant to the topics covered in lectures.

1. Oral presentation demonstrating a critical understanding of an advanced topic in neurocognitive health (30%).

2. The exam will assess breadth and depth of thinking attributed to the learning outcomes based upon topics covered in lectures (70%).

Mode of Assessment				
Type	Method	Description	Length	Weighting
Summative	Presentation	20 minute group presentation, plus 5 minute discussion; SUPPLEMENTARY Individual Presentation	20 minutes	30%
Summative	Examination - closed book	Examination to test knowledge and understanding of module material.	2 hours	70%

Reading List
To access the reading list for this module, please visit <a href="https://bradford.rl.talis.com/index.html">https://bradford.rl.talis.com/index.html</a> .

*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.*