



MODULE SPECIFICATION

Part 1: Information			
Module Title	Methods in Neuroscience		
Module Code	USPKJN-15-3	Level	Level 6
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Health & Applied Sciences	Field	Psychology
Department	HAS Dept of Health & Social Sciences		
Module type:	Standard		
Pre-requisites	Mind, Brain and Development 2020-21		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: See Learning Outcomes.</p> <p>Outline Syllabus: The content of the module varies from year to year to take account of the expertise of staff and developments in the field. However, the list below provides a summary of the potential content of this module which focuses on physiological and neurophysiological research methods in psychology and cognitive neuroscience.</p> <p>Potential topics include:</p> <ul style="list-style-type: none"> - nerve conduction velocity, autonomic measures, EDA, EMG, EEG, EOG, fMRI, and eye-tracking; - methodological issues with each measure including timing, directness of measure, analysis, and interpretation; - behavioural and neuropsychological testing; - programming experiments.

STUDENT AND ACADEMIC SERVICES

Teaching and Learning Methods: Scheduled learning will be approximately 36 hours and will take a variety of forms, such as lectures, seminars, workshops, and online materials.

Independent learning includes essential and further reading, assignment preparation and completion, etc. Students will be expected to spend 114 hours on independent learning tasks and assessments.

Students will use Blackboard to engage with the learning materials, as well as with other students and members of staff, and also make use of the various learning tools built into Blackboard, for example, blogs, audio, video, discussion boards, etc.

Part 3: Assessment

The assessment criteria directly relate to the learning outcomes, including the critical appraisal of the relevant literature and a clear understanding of the findings for theory development, as well as practice (e.g., clinical, educational, and public health) and wider societal well-being.

Component A: Coursework Portfolio

The portfolio is designed to assess the extent to which students can demonstrate their understanding and knowledge of physiological and neurophysiological methodologies as employed in contemporary psychology and cognitive neuroscience research. This will include a substantive component of written work, but also a variety of other forms of assessment. These may include online multiple-choice questionnaires and video presentations that can be uploaded online, for example.

First Sit Components	Final Assessment	Element weighting	Description
Portfolio - Component A	✓	100 %	Coursework Portfolio
Resit Components	Final Assessment	Element weighting	Description
Written Assignment - Component A	✓	100 %	Research Review and Proposal

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:	
	Module Learning Outcomes	Reference
	Demonstrate a critical understanding of a variety of physiological and neurophysiological methods used in psychology and cognitive neuroscience	MO1
	Understand the difference in information that is captured by different physiological and neurophysiological methods	MO2
	Critically evaluate methods used with models tested	MO3
	Demonstrate an understanding and awareness of theoretical, psychological, behavioural, experimental timing, and methodological issues in the design and execution of cognitive neuroscience and psychology research that involves physiological or neurophysiological methods	MO4
Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	114

STUDENT AND ACADEMIC SERVICES

	Total Independent Study Hours:	114
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	36
	Total Scheduled Learning and Teaching Hours:	36
	Hours to be allocated	150
	Allocated Hours	150
Reading List	<p>The reading list for this module can be accessed via the following link: https://uwe.rl.talis.com/modules/uspkn-15-3.html</p>	

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Sociology with Psychology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Psychology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Law with Psychology [Sep][FT][Frenchay][3yrs] LLB (Hons) 2018-19

Psychology with Sociology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Psychology with Criminology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Criminology with Psychology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Applied Psychology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Health Psychology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Psychology and Mental Health [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Social Psychology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Biological Psychology [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19

Social Psychology [Sep][SW][Frenchay][4yrs] BSc (Hons) 2018-19