

Cognitive Psychology

Module Code:	PSY5008-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Social Sciences
Subject Area:	Psychology
FHEQ Level:	FHEQ Level 5
Module Leader:	Dr Valerie Lesk

Additional Tutors:

Pre-requisites: Becoming a Person 1 2016-17, Brain and Behaviour 2017-18

Co-requisites:

Contact Hours

Type	Hours
Lectures	22
Laboratory	6
Directed Study	172

Availability Periods

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

Module Aims

In this module you will gain insight into human cognitive processes including how people reason, think and perceive, and how we use language to communicate with others, as well as covering individual difference. You will also gain an understanding of human consciousness and the interaction between emotion and cognitive processes. This module will also give you an appreciation of techniques used to investigate cognitive psychology such as imaging and neuroscientific methods and the practical component will provide insight into how cognitive psychology is researched experimentally.

Outline Syllabus

This module will start with an introduction to cognitive psychology along with a fun team quiz. Topics will then focus on long-term memory, language production, lateralisation of brain function, brain hemispheres, problem solving and expertise, implicit cognition, visual attention and face perception. You will learn about connectionism and the interaction between cognition and emotion. We will approach the contribution of imaging techniques and brain-damaged patients to the understanding of brain and mind. We will also look at consciousness and individual differences.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 evaluate different areas of cognitive psychology such as problem solving and reasoning;
- 2 identify the neural organisation of mental functions;
- 3 understand the role of language in communication;
- 4 understand the relationship between the brain and long-term memory;
- 5 know the role of visual and face perception in everyday life;
- 6 appreciate how emotion and cognition interact;
- 7 appreciate the diverse techniques and statistical analysis used by cognitive psychologists in order to understand both cognitive function and individual differences present in this field.
- 8 demonstrate an understanding of cognitive psychology and its applications from a number of perspectives e.g. from evidence provided from brain-damaged patients to functional imaging of the brain including important ethical issues, eg individual difference;
- 9 display the ability to formulate research hypotheses and methods of design used in experimental cognitive psychology;
- 10 demonstrate the ability to analyse data central to cognitive research;
- 11 demonstrate a full understanding of theories in cognitive psychology;
- 12 perform in-depth critical analysis.
- 13
 - a) communicate your knowledge and research findings by written means;
 - b) use IT to prepare written work;
 - c) carry out appropriate literature searching;
 - d) develop academic writing;
 - e) develop independent-thinking combined with critical analysis;
 - f) work in small groups where you will learn contextual and interpersonal relations;
 - g) carry out self-directed study in a supportive environment allowing thorough assessment of your strengths and skills important for future learning and employability.

Learning, Teaching and Assessment Strategy

Lectures will provide information on current theories underpinning understanding of basic cognitive functions and will introduce terminology and techniques used by cognitive psychologists (LOs 1-8). Laboratory work comprises of performing psychology experiments in class, providing an understanding of quantitative data analysis along with ethical implications (LOs 9-19). Assessment will involve writing a laboratory practical as a research article, important for the development of academic writing. The written exam promotes breadth and depth of thinking in cognitive psychology.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Examination - closed book	Examination - closed book - 1.5 hours	1.5 hours	50%	Yes
Summative	Coursework	Research article - 2000 words	0 hours	50%	Yes

Legacy Code (if applicable)

SY-5009D

Reading List

To view Reading List, please go to [rebus:list](#).