

Cognitive Psychology

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| Module Code: | PSY7010-B |
| Academic Year: | 2018-19 |
| Credit Rating: | 20 |
| School: | School of Social Sciences |
| Subject Area: | Psychology |
| FHEQ Level: | FHEQ Level 7 (Masters) |

Pre-requisites:

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. 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. We 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
 - a) critically evaluate different areas of cognitive psychology eg problem solving, and reasoning and methodology;
 - b) identify the neural organisation of mental functions;
 - c) understand the role of language in communication;
 - d) understand the relationship between the brain and long-term memory;
 - e) know the role of visual and face perception in everyday life;
 - f) show critical appreciation of how emotion and cognition interact;
 - g) demonstrate critical understand both cognitive function and individual differences present in this field.
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 - a) demonstrate a critical 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;
 - b) display the ability to formulate research hypotheses and methods of design used in experimental cognitive psychology;
 - c) demonstrate the ability to analyse data central to cognitive research;
 - d) demonstrate a critical understanding of theories in cognitive psychology;
 - e) perform in-depth critical analysis.
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 - 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 1a-g, 2a). Laboratory work comprises performing psychology experiments in class, providing an understanding of quantitative data analysis along with ethical implications (LOs 2b-e, 3a-g). 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 - 2 hours | 2 hours | 70% | Yes |
| Summative | Coursework | Research article - 1,500 words | -1500 words | 30% | No |

Legacy Code (if applicable)

SY-7010D

Reading List

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