1. KentVision Code and title of the module

PSYC6391 Brain and Cognition

## Division and School/Department or partner institution which will be responsible for management of the module

Division of Human and Social Sciences, School of Psychology

## The level of the module (Level 4, Level 5, Level 6 or Level 7)

Level 6

## The number of credits and the ECTS value which the module represents

30 credits (15 ECTS)

## Which term(s) the module is to be taught in (or other teaching pattern)

Autumn and Spring

## Prerequisite and co-requisite modules and/or any module restrictions

None

## The course(s) of study to which the module contributes

Compulsory to the following courses:

* BSc in Psychology with a Placement Year
* BSc in Psychology with Clinical Psychology and a Placement Year
* BSc in Psychology
* BSc in Psychology with Clinical Psychology
* BSc in Psychology with Forensic Psychology
* BSc in Psychology with a year abroad
* BSc in Social Psychology

Optional:

* BSc in Human Biology and Behaviour

Not available wild.

Not available to Short Term Credit Students.

## The intended subject specific learning outcomes. On successfully completing the module students will be able to:

* 1. Demonstrate knowledge and understanding of structures and functions of the human nervous system and of their role in human behaviour, emotion and cognition.
  2. Demonstrate knowledge of the scientific historical context in which biological and cognitive psychology evolved and how the field of cognitive neuroscience has emerged.
  3. Demonstrate a knowledge of cognitive and biological theories relevant to psychology, and an understanding the contributions made by the different approaches and research methods used in biological and cognitive psychology.
  4. Demonstrate understanding of current debates in cognitive psychology/neuroscience and of how cognitive neuroscience interfaces with everyday life.

## The intended generic learning outcomes. On successfully completing the module students will be able to:

* 1. Demonstrate writing and reading skills to present and interpret material with evidence of the use of relevant literature
  2. Critically evaluate the quality of theory and method in published research
  3. Demonstrate the ability to express opinions, argue rationally and engage in critical thinking both orally and in the written form

## A synopsis of the curriculum

The module gives students grounding in methods, techniques and issues in cognitive neuroscience. It will focus on the biological bases of human behaviour, and on cognitive processes such as attention, perception, memory, and higher-levels of cognition concerned with language and cognitive control, with a particular focus on how these processes are instantiated in the brain. In addition, the module will also focus on the methods that are used to study these processes, such as the recording of physiological signals, brain-imaging techniques, and the study of individuals with brain injury.

## Reading list

The University is committed to ensuring that core reading materials are in accessible electronic format in line with the Kent Inclusive Practices.

The most up to date reading list for each module can be found on the university's [reading list pages](https://kent.rl.talis.com/index.html).

## Gazzaniga, M. S., Ivry, R. B. & Mangun, G. R. (2013). Cognitive Neuroscience: The Biology of the Mind. New York, NY: Norton & Co.

## Contact Hours

Private Study: 250

Contact Hours: 50

Total: 300

## Assessment methods

13.1 Main assessment methods

* In-class test (1 hour) (20%)
* Essay (2000 words) (40%)
* Examination (2 hours) (40%)

13.2 Reassessment methods

* Like for Like

## Map of module learning outcomes (sections 8 and 9 to learning and teaching methods and methods of assessment (section 13)

**Module learning outcomes against learning and teaching methods:**

| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 9.1 | 9.2 | 9.3 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Private Study | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Lectures | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Seminar & study skills | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

**Module learning outcomes against assessment methods:**

| **Module learning outcome** | 8.1 | 8.2 | 8.3 | 8.4 | 9.1 | 9.2 | 9.3 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| In Class Test | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Essay | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Examination | **x** | **x** | **x** | **x** | **x** | **x** | **x** |

## Inclusive module design

The Division recognises and has embedded the expectations of current equality legislation, by ensuring that the module is as accessible as possible by design. Additional alternative arrangements for students with Inclusive Learning Plans (ILPs)/declared disabilities will be made on an individual basis, in consultation with the relevant policies and support services.

The inclusive practices in the guidance (see Annex B Appendix A) have been considered in order to support all students in the following areas:

a) Accessible resources and curriculum

b) Learning, teaching and assessment methods

## Campus(es) or centre(s) where module will be delivered

Canterbury

## Internationalisation

This module covers worldwide expertise on the subject matter, and encourages students to review content from a breadth of sources, both domestic and international.

**DIVISIONAL USE ONLY**

**Module record – all revisions must be recorded in the grid and full details of the change retained in the appropriate committee records.**

| **Date approved** | **New/Major/Minor revision** | **Start date of delivery of (revised) version** | **Section revised (if applicable)** | **Impacts PLOs (Q6 & 7 cover sheet)** |
| --- | --- | --- | --- | --- |
| 28.01.2022 | New | Autumn 2022 |  | No |
|  |  |  |  |  |