

# BEHV 3007 COGNITIVE PROCESSES

**Credit Points** 10

**Legacy Code** 101677

**Coordinator** Michael Gascoigne ([https://directory.westernsydney.edu.au/search/name/Michael Gascoigne/](https://directory.westernsydney.edu.au/search/name/Michael%20Gascoigne/))

**Description** Cognitive Processes is the study of the mental processes that underpin attention, perception, decision-making, language, and memory. Conceptual and research questions include: What are the structures and mechanisms of human memory? What processes underpin acquisition of language, and are the processes similar when we learn a second language? What factors affect attention? How do some people become expert problem solvers? Why do humans make irrational decisions? Contemporary theories will be discussed and evaluated. Investigative research methods including experiments, computer modelling, clinical case studies, and brain imaging are evaluated.

**School** Psychology

**Discipline** Behavioural Science

**Student Contribution Band** HECS Band 4 10cp

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 3 subject

**Pre-requisite(s)** BEHV 1016

**Equivalent Subjects** BEHV 3012 - Human Learning and Cognition

## Restrictions

Note that only students enrolled at WSU Online may register in the WSU Online subjects offered at that location.

## Assumed Knowledge

Basic understanding of core concepts of cognition, perception and biological psychology.

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Explain the major concepts, theoretical perspectives, empirical findings, and historical trends in cognition, information processing, and language (APAC Graduate Attribute 1)
2. Describe, apply and evaluate the different research methods used by cognitive psychologists (APAC GA 2)
3. Apply the scientific method to solve problems related to behaviour and mental processes (APAC GA 3)
4. Write a research proposal on a topic in cognitive psychology (APAC GA 5)

## Subject Content

Attention  
Memory  
Language  
Problem solving and Decision-making  
Cognitive Neuroscience

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

| Type       | Length                      | Percent | Threshold | Individual/<br>Group Task |
|------------|-----------------------------|---------|-----------|---------------------------|
| Proposal   | 2250 words                  | 40      | N         | Individual                |
| Quiz       | Up to 10 questions per week | 10      | N         | Individual                |
| Final Exam | 1.5 hours                   | 50      | N         | Individual                |

## Prescribed Texts

- Eysenck, M. W. & Keane, M. T. (2020). Cognitive psychology: A student's handbook (8th ed.). Routledge.
- Eysenck M.W. & Keane, M.T. (2015) Cognitive Psychology: A Student's Handbook (7th Ed.) New York, NY: Psychology Press.

## Teaching Periods

### Spring (2023)

#### Bankstown City

##### On-site

**Subject Contact** Michael Gascoigne ([https://directory.westernsydney.edu.au/search/name/Michael Gascoigne/](https://directory.westernsydney.edu.au/search/name/Michael%20Gascoigne/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=BEHV3007\\_23-SPR\\_BK\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=BEHV3007_23-SPR_BK_1#subjects))

#### Penrith (Kingswood)

##### On-site

**Subject Contact** Michael Gascoigne ([https://directory.westernsydney.edu.au/search/name/Michael Gascoigne/](https://directory.westernsydney.edu.au/search/name/Michael%20Gascoigne/))

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#### Parramatta - Victoria Rd

##### On-site

**Subject Contact** Michael Gascoigne ([https://directory.westernsydney.edu.au/search/name/Michael Gascoigne/](https://directory.westernsydney.edu.au/search/name/Michael%20Gascoigne/))

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### WSU Online TRI-3 (2023)

#### Wsu Online

##### Online

**Subject Contact** Rosalind Priestman ([https://directory.westernsydney.edu.au/search/name/Rosalind Priestman/](https://directory.westernsydney.edu.au/search/name/Rosalind%20Priestman/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=BEHV3007\\_23-OT3\\_OW\\_2#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=BEHV3007_23-OT3_OW_2#subjects))

### WSU Online TRI-2 (2024)

#### Wsu Online

##### Online

**Subject Contact** Michael Gascoigne ([https://directory.westernsydney.edu.au/search/name/Michael Gascoigne/](https://directory.westernsydney.edu.au/search/name/Michael%20Gascoigne/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=BEHV3007\\_24-OT2\\_OW\\_2#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BEHV3007_24-OT2_OW_2#subjects))

## Spring (2024)

### Bankstown City

#### On-site

**Subject Contact** Michael Gascoigne ([https://directory.westernsydney.edu.au/search/name/Michael Gascoigne/](https://directory.westernsydney.edu.au/search/name/Michael%20Gascoigne/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=BEHV3007\\_24-SPR\\_BK\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=BEHV3007_24-SPR_BK_1#subjects))

### Penrith (Kingswood)

#### On-site

**Subject Contact** Michael Gascoigne ([https://directory.westernsydney.edu.au/search/name/Michael Gascoigne/](https://directory.westernsydney.edu.au/search/name/Michael%20Gascoigne/))

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