UNIVERSIDADE LUSÍADA
LISBOA

Course Unit Program
Cognitive Psychology

Academic Year 2025/2026

1. Organic Unit

Institute of Psychology and Educational Sciences

2. Course

PSYCHOLOGY

3. Cycle

1st

4. Course Unit

Cognitive Psychology (20312)

5. Scientific Area

6. Curricular Year

2nd

7. Type of Curricular Unit / Semester

2nd Semester

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8. Class type and workload (work time)

Theoretical classes:	
Practical classes:	
Theoretical-Practical Classes	30,00
Tutorial Guidance:	

9. ECTS Credits

6,00

10. Scientific Area Coordinator

11. Regent

Prof. Doutora JOANA MARTINS GONÇALVES LOPES

12. Assistants

13. Teaching Language

Portuguese

14. General Objectives

Present and discuss general knowledge and concepts in the domains of Perception, Attention and Human Memory.
Develop research skills based on experimental methodology, through the method of replicating experiences on the topics covered in the classroom.
Understand and critically analyze the contributions of Cognitive Psychology in the domains of Perception, Attention and Human Memory.

15. Specific Objectives

Master the experimental methodology within the scope of Cognitive Psychology
Develop laboratory work capacity within the scope of Cognitive Psychology

16. Skills to be acquired

Ability to research and integrate information (understanding, analysis and synthesis)
Oral (conceptual rigor) and written communication skills (writing scientific reports on experiments and a poster)
Ability to plan, conduct an experiment and present it to the scientific community (design and present a poster)
Critical and reflective thinking ability

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17. Teaching Methodology

Oral presentation with a view to deepening theory and open discussion to students
Participation in experiments within the scope of experimental and cognitive psychology, and respective analysis and discussion of the results obtained

18. Course Unit Program

1. Introduction to Cognitive Psychology
- Cognitive Psychology as a science
- Cognitive Science, Cognitive Neuropsychology, Cognitive Neuroscience and Computational Cognitive Science

2. Perception
- Basic processes in visual perception
- Color vision
- Depth perception
- Perception without awareness
- Recognition of objects and faces
- Pattern recognition and perceptual organization
- Object recognition approaches
- face recognition
- visual imagery
- Perception, movement and action
- Direct perception and visually guided action
- Perception of human movement

3. Attention
- Attention and performance
- Auditory and visual focused attention
- Intermodal effects
- Divided attention
- automatic processing

4. Memory
- Memory, learning and forgetting
- Working memory and its capacity
- Processing levels
- Learning through evocation and implicit
- Forgetting in long-term memory
- Long-term memory systems
- declarative and non-declarative memory
- episodic memory
- Semantic memory

- Autobiographical memory and its approaches

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19. Assessment Methods

Achievement of 2 written points.
Elaboration of a group work of experimental methodology (or semi-experimental) in the scope of the themes Perception, Attention and Human Memory with presentation of a poster and writing of a scientific report.
Frequency

20. Didactic Resources

multimedia projector
Computer
Presentations made in theoretical-practical classes
Computer room that allows the realization of experiments
summaries
Bibliography

21. Sustainability Objectives

SDG 4: Quality education and SDG5: Gender equality
SDG 8: Decent work and economic growth and SDG 10: Reduce inequalities

22. Keywords

Attention
Human Cognition
Human Memory
Perception
Cognitive Processes

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23. Main Bibliography

Author(s):	EYESENCK, Michael & KEANE, Mark		
Title:	Cognitive Psychology: A student´s handbook		
Edition:	8th	Year:	2020
Local:	London		
Publisher:	Psychology Press		

Author(s):	STERNBERG, Robert & STERNBERG, Karin		
Title:	Cognitive Psychology		
Edition:	7th edition	Year:	2016
Local:	Belmont, CA		
Publisher:	Cengage Learning.		

Author(s):	BADDELEY, Alam; EYESENCK, Michael, & ANDERSON, Mic		
Title:	Memory		
Edition:	2nd edition	Year:	2015
Local:	New York		
Publisher:	Psychology Press		

24. Complementary Bibliography

Author(s):	GRONDIN, Simon		
Title:	Psychology of Perception		
Edition:	1st edition	Year:	2016
Local:	Switzerland		
Publisher:	Springer International Publishing		

Author(s):	TIJUS, Charles		
Title:	Introdução à Psicologia Cognitiva		
Edition:	2ª edição	Year:	2003
Local:	Lisboa		
Publisher:	Climepsi		

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Ficha técnica MIP / MIP Datasheet	
Título / Title	Course Unit Program 'PSICOLOGIA COGNITIVA': Academic Year 2025/2026
Autor / Author	Prof. Doutora JOANA MARTINS GONÇALVES LOPES
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