

Psychology of Memory: Fields of Application

Code: 102560
ECTS Credits: 6

Degree	Type	Year	Semester
2502443 Psychology	OT	4	2

Contact

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Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: No
Some groups entirely in Spanish: No

Teachers

Sergio Mora Montserrat

Prerequisites

There are no prerequisites, but it is useful to have reading skills in English and to have passed the previous subjects on psychological processes, especially memory psychology.

Objectives and Contextualisation

This subject is part of the specialization in Analysis and Psychoeducational Intervention designed for the training of professionals in this field. Given its characteristics and syllabus, this subject may also be studied by students of other specializations.

During the first years of the degree students have seen the basics of the different psychological processes (attention, perception, memory, language, thought, motivation, emotion and different forms of learning). When studying memory, it has been emphasized that it is a psychological mediating process that is constantly interrelated with the rest of the processes, the different systems and processes that make it up have been studied, as well as the factors that can influence their greater or lesser effectiveness. This subject examines the process of memory but as it is applied to different fields of the exercise. Future professionals, in which the knowledge of the operation of memory acquires a special relevance.

Therefore, we propose that on completing the subject, the student will be able to:

- Understand the functions of memory in human behaviour, its importance, the basic mechanisms of its operation and the various factors that can affect it alongside the implications that these functions, mechanisms and factors have in the different fields of application.
- Identify the implications of memory mechanisms in some areas of everyday life such as education, advertising, memory of witnesses and aging.
- Know some of the possible techniques for enhancing and/or optimizing memory.
- Know the different systems of evaluation of memory.

- Acquire habits of reasoned criticism about reading materials and topics that are presented in class, as well as reasoned and reasoned discussion skills.
- Acquire skills and practical skills in instrument management and problem solving on different content of the subject.
- Be able to plan documentary research and an analysis of a particular topic.
- Acquire transferable skills so that you can generalize the knowledge acquired in your future professional life.

Competences

- Analyse scientific texts written in English.
- Analyse the demands and needs of people, groups and organisations in different contexts.
- Apply knowledge, skills and acquired values critically, reflexively and creatively.
- Criticise the effects of personal practice on people, taking into account the complexity of human diversity.
- Diffuse knowledge derived from the results of the research and the products and services generated taking into account the social and personal repercussions that could derive from it.
- Distinguish and relate the different focuses and theoretical traditions that have contributed to the historical development of psychology as well as its influence on the production of knowledge and professional practice.
- Identify, describe and relate the structures and processes involved in basic psychological functions.
- Prepare and write technical reports on the results of the evaluation, research or services requested.
- Recognise the diversity of human behaviour and the nature of differences in it in terms of normality abnormality and pathology.
- Take decisions in a critical manner about the different research methods in psychology, their application and the interpretation of the results deriving from them.
- Work in a team.

Learning Outcomes

1. Analyse and interpret the results of experiments on communication and memory.
2. Analyse scientific texts written in English.
3. Analyse the influence of the different focuses in professional practice that have contributed to the study of cognitive processes.
4. Apply knowledge, skills and acquired values critically, reflexively and creatively.
5. Criticise the effects of personal practice on people, taking into account the complexity of human diversity.
6. Describe and recognise the factors that limit or hinder the processing of information received or sought.
7. Describe the factors that can improve cognitive processing.
8. Design scientific studies on memory processes.
9. Identify different applied fields of cognitive processes and their psychosocial implications.
10. Identify the corresponding cognitive processes in different applied contexts.
11. Identify the structures underlying information processing.
12. Organize information to communicate in a structured and appropriate way to the recipient.
13. Recognise individual differences in human memory and its main pathologies.
14. Recognise the influence of contextual factors on the differences (individual and social) observed in the processing and storage of information.
15. Show that the content of communication is suitable as a scientific article, communication in congresses, conferences or newspaper article.
16. Work in a team.
17. Write reports from the results of studies on the acquisition and retention of processed information.

Content

The subject will be able to develop all these subjects or focus on those that have a greater interest for the students of each academic year:

- The memory within the cognitive processes. The memory and its fields of application.
- Factors that affect human memory. Factors that affect coding, retention and recovery.
- Memory optimization. Strategies, Mnemonic and Activation Programs.
- Alterations of memory. Memory and forgetfulness. Dementias Amnesias
- The memory throughout the life cycle. Memory and old age.
- Memory and school learning: reading, understanding, vocabulary, languages and arithmetic calculation
- Testimony memory. The psychologist in the forensic legal field. Factors that affect the accuracy of the witnesses. Credibility and detection of lies.
- Memory and advertising.

Methodology

DIRECTED ACTIVITY

Theoretical and practical classes 24%

a) The theoretical classes will be with or without audiovisual support and will be open to the discussion of the topics.

b) The practical classes will consist in learning techniques for the measure and activation of memory and in carrying out experiments.

SUPERVISED ACTIVITY

-Tutorials 5%

- Follow-up tutorial with lecturers face-to-face or online.

- Follow-up work 6%

- Tutoring of works (individual and/or groups)

AUTONOMOUS ACTIVITY

- Searches, reading and summary of documentation 25%

- Preparation of reports and presentation of written works 25%

- Carrying out practical work, individual or group reports

- Carrying out research and summary work

- Study and understanding of the material 15%

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Practices	12	0.48	1, 2, 4, 5, 6, 8, 17, 12, 16
Theoretical classes	24	0.96	1, 3, 5, 7, 6, 9, 10, 11, 14, 13
Type: Supervised			

Follow-up of work	10	0.4	1, 2, 4, 5, 15, 8, 17, 12, 16
Tutorships	12.5	0.5	3, 5, 7, 6, 9, 10, 11, 14, 13
Type: Autonomous			
Study	16.5	0.66	1, 3, 2, 7, 6, 9, 10, 11, 14, 13
Preparation of reports and presentation of works	37.5	1.5	1, 2, 4, 5, 15, 8, 17, 12, 16
Search and reading of scientific documentation	37.5	1.5	1, 3, 2, 5, 15, 7, 6, 9, 10, 11, 14, 13

Assessment

The competences of this subject will be assessed through different procedures. Then the weight of each of these procedures is indicated:

- a) Evidence 1 and 2: Practical reports 25% (approximately weeks 4 and 11 respectively)
- b) Evidence 3: Discussions of readings: 15% (approximately weeks 7 respectively)
- c) Evidence 4 and 5: In-depth work on the topic chosen by the student
 - Evidence 4: Documentary search on the selected subject and script proposal: 20% (approximately week 6)
 - Evidence 5: Written work and oral presentation: 40% (approximately week 14)
- d) Evidence 6: Optional work to raise notes (up to 10%) (approximately week 15)

To pass this subject the following requirements must be met:

- Students obtain an average of 5 or more once evidences 1 and 2 have been assessed.
- Students obtain an average of 5 or more once evidences 4 and 5 have been assessed.
- In the event of failure to comply with any of these requirements, the overall grade that will be included in the grade roster will be a maximum of 4.9 points.
- The final grade must be equal to or greater than 5 and will be the result of applying the percentages indicated in each mandatory evidence, (1,2,3,4,5) once the previous requirements have been achieved.

The grade for the optional work will only be applied where the final grade is equal to or greater than 5.

Students are eligible for assessment if they have completed 40% or more of the assessment procedures of the course.

To be eligible for reassessment, in accordance with the regulations, students must have presented evidence of learning with a weighting of at least 66.6% of the grade. Students wishing to be reassessed must contact the teacher one week before the planned date for the reassessment. The reassessment will consist of the production of a report answering questions by the teaching staff on the entire content worked on in the subject. The outcome will be the final grade to be recorded on the student's record.

<https://www.uab.cat/web/estudiar/graus/graus/avaluacions-1345722525858.html>

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Practical reports (ev 1 and 2)	25%	0	0	1, 2, 4, 5, 15, 7, 6, 8, 17, 12, 14, 13, 16
Practice reports (Evidences 4 and 5)	20% + 40%	0	0	2, 4, 5, 15, 6, 9, 17, 10, 12, 14

Bibliography

References in spanish

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References in english

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