

**Memory Psychology and its Applications in
Language**

Code: 101713
ECTS Credits: 6

Degree	Type	Year	Semester
2500893 Speech therapy	OT	4	0

Contact

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Use of languages

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

Teachers

Rocio Pina Rios

Prerequisites

There are no prerequisites but it is convenient to have some knowledge of reading in English and to have passed the subject "Introduction to the scientific methodology and basic psychological processes" from the first year.

Objectives and Contextualisation

By studying the different psychological processes in the first year you have seen the importance of memory in the construction of the identity of the person and its relationship with the other psychological processes. In this subject we will deepen into the structures, functions and processes of human memory and especially in its relation to language.

Thus, our aim is that at the end of the course the student will be able to:

1. Understand the role of memory in human behaviour, its importance, the basic mechanisms of its functioning and the factors that can affect memory.
2. Recognize the different structures, systems and processes involved in memory.
3. Understand the main relationships of memory with some linguistic skills: acquisition of vocabulary, reading and comprehension, learning foreign languages.
4. Identify the implications of memory mechanisms in some areas of daily life such as education, publicity, and the memory of witnesses.
5. Know some practical applications that improve mnemonic processes: mnemonic rules and factors that improve the processes of coding, storage and retrieval of information.

Content

Memory functions. Structures and processes of memory. Memory factors. Theories about forgetting. Psychopathologies of memory. The representation of information in memory. Memory and language. Memory

and vocabulary acquisition. Memory and reading. Memory and comprehension. Fields of application of the psychology of memory related to language.

1. MEMORY: DEFINITORY ASPECTS. Memory within cognitive processes. Psychological and sociocultural variables that affect the mnemonic process. The measure of memory.

2. FACTORS THAT AFFECT MEMORY. Individual factors. Temporary factors. Factors related to the material. Factors related to strategies. Contextual factors. Mnemonic strategies: mnemonics.

3. MEMORY SYSTEMS. The sensory memory. Short-term memory or working memory. Long-term memory (episodic memory versus semantic memory, procedural memory versus declarative memory, implicit memory versus explicit memory).

4. MEMORY PROCESSES. Organization and retrieval from long-term memory. Encoding and registration processes. Retrieval processes. Mnemonic strategies. Forgetting. Psychopathologies of memory.

5. REPRESENTATION OF INFORMATION IN MEMORY. Semantic memory and episodic memory. Concepts, schemes and categories. Semantic networks. The mental image.

6. MEMORY AND VOCABULARY ACQUISITION. Role of memory in the acquisition of vocabulary in the mother tongue and in foreign languages.

7. MEMORY AND READING. Role of memory in learning to read.

8. MEMORY AND COMPREHENSION. Importance of memory in the comprehension of texts.

9. OTHER FIELDS OF APPLICATION. Memory and advertising. Memory in everyday life (autobiographical memory). Witness memory. Memory and old age.