## Name
Psychology of Learning

### Teaching staff
Prof. Alexandra Barros (in charge), Prof. António Duarte and Prof Isabel Simões da Fonseca

### ECTS
6 ECTS

### Functioning
4 hours per week (theoretical and theoretical-practical classes). Face-to-face until March 2020 and online after the suspension of face-to-face teaching activities due to COVID-19.

### Learning goals
To acquire scientific knowledge in:

a) Theories and models of learning  
b) Behavioral, cognitive and sociocognitive learning processes  
c) Neurobiological basis of learning  
d) Student approaches to learning in higher education

### Skills to be developed
To develop skills and attitudes required to the comprehension and critical analysis of different theoretical perspectives of learning processes.

To stimulate critical thinking on individual learning processes and the application of scientific knowledge about learning to develop learning strategies.

### Prerequisites (precedences) *
Not applicable

### Contents
1. Psychological study of learning.

Learning: change, development, evolution and genetics. Biological, emotional and social aspects. Main theories.

Respondent learning: unconditioned and conditioned responses; neutral, conditioned and unconditioned stimuli; acquisition and extinction of responses; generalization and discrimination; contingency, contiguity and likelihood of response. Counter-conditioning.

Operant learning: behavioral acquisition; reinforcement, extinction and punishment; reinforcement programs. Shaping;

Pedagogical and clinical applications.


Self-regulated learning.

Observational learning.

4. Sociocognitive processes and meta-learning in an academic context.

Learning conceptions of students and teachers; motivation and strategies.

Approaches to learning. Implications for academic performance.

5. Neurobiological and psychophysiological processes of learning.

Bibliography


Teaching methods

Exposition of the theoretical part of the program

From the moment the face-to-face classes were suspended (for the containment of COVID-19), the classes started to be taught at the times established through the Coibri / Zoom platform (both theoretical and practical)

At the end of the theoretical classes, a forum is opened for questions in moodle

The powerpoints presented in classes (theoretical and practical) are available in moodle

For practical classes, exercises are proposed (Google form and moodle) which include discussion of mandatory reading texts, previously read and summarized, and exercises to apply concepts transmitted in theoretical classes.
Students have tasks to do with submission in moodle within pre-defined deadlines, in order to keep them involved in the themes and learning processes.

**Evaluation Regimes** (General and/or Alternative)

**Evaluation Elements**

**General Regime**

Final Exam (online): on a date to be announced during the semester (18 points). To be approved, the student must have, in the exam, at least 8.5 values (out of 18).

Works submitted in moodle for practical classes: 2 points. For each submitted work, a value between .25 and .5 is assigned, for a total of 2 values.

**Alternative Regime**

As the classes are given online, with the materials made available in the moodle (with forums for questions with extended deadlines) and the exercises can be done deferred through the moodle, to students in an exceptional situation the same evaluation rules apply as to the general regime students.

**Rules for grade improvement**

Grade improvement is only possible by the repetition of the final exam, according to the general exams calendar.

**Rules for students having previously failed the course unit**

Students having previously failed the course unit must do the same evaluation tasks as their colleagues of the general regime.

**Requirements on attendance and punctuality**

Not applicable.

**Rules for special students**

As the classes are given online, with the materials made available in the moodle (with forums for questions with extended deadlines) and the exercises can be done deferred through the moodle, to students in an exceptional situation the same evaluation rules apply as to the general regime students.

**Language of instruction**

Portuguese;

**Disciplinary violations and penalties**

According to the Evaluation of Learning Regulation of the Faculty of Psychology of the University of Lisbon, the following
behaviors are considered as disciplinary offenses subject to disciplinary action:

a) To use or attempt to use materials, information, notes, study resources or other objects and equipment not authorized in academic exercises;
b) To help or try to help a colleague in committing a disciplinary offense;
c) To submit the same written work for evaluation in different course units without permission from the instructors, even if with minor changes;
d) To present someone else’s work as one’s own;
e) To forge, or change without permission from the author, any information or citation in an academic work;
f) To interfere, change or attempt to change grades;
g) To try to prevent or interfere with the proper functioning of classes, research or other academic activities;
h) To make false accusations regarding instructors, governance bodies, other students or non-teaching staff of the FPUL;
i) To falsify signatures in attendance sheets, documents relating to evaluation elements or in any official document relating to an academic process or status.

Disciplinary offenses committed in any assessment element can lead to its annulment, and must be reported to the Pedagogical Council or, considering their gravity and repetition, may lead to other penalties, to be determined by the Rector of the University of Lisbon.

* If applicable