# COURSE UNIT INFORMATION SHEET (SYLLABUS)

## 2019/2020

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>RESEARCH METHODS IN PSYCHOLOGY: BASICS NOTIONS</td>
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<table>
<thead>
<tr>
<th>Teaching staff</th>
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<tbody>
<tr>
<td>(Also indicate the Professor in charge)</td>
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<tr>
<td>LEONEL GARCIA MARQUES (coordinator)</td>
</tr>
<tr>
<td>MÁRIO FERREIRA</td>
</tr>
<tr>
<td>ISABEL JANEIRO</td>
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<tr>
<td>ANA LUÍSA RAPOSO</td>
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<tr>
<td>TOMÁS PALMA</td>
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<th>ECTS</th>
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<td>6</td>
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### Functioning

The course comprises a theoretical general class for all students and four practical classes with registration limits.

<table>
<thead>
<tr>
<th>Learning goals</th>
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<tbody>
<tr>
<td>1. To grasp the general characteristics of research in science and develop an informed attitude with regard to the merits of scientific research.</td>
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<td>2. To know the basic features of research in psychology.</td>
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<td>3. To know the basic characteristics of the experimental method.</td>
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<td>4. To know the characteristics of the different research methods used in psychology.</td>
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<td>5. To know the characteristics of the ethics of research in psychology and have a favorable attitude to your application in a humanistic perspective of science.</td>
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<td>6. To acquire skills of critical evaluation of research in psychology.</td>
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<td>7. To acquire basic skills of planning, monitoring and writing scientific research.</td>
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## Skills to be developed

A critical understanding of the scientific method, the development of a critical attitude with regard to research to good scientific and deontological practices, the acquisition of basic skills of critical evaluation, planning, monitoring and scientific writing of an investigation.

## Prerequisites (precedences)

None

## Contents

1. What science is, the demarcation criteria, the scientific method, induction and refutability.
2. What effects are, what an explanation is, experimental and statistical control.
3. Hypothesis testing, experimental and factorial designs.
4. Validity, reliability, robustness, generality, replicability.
5. The practice of psychological research.
7. The methods of research in psychology.

## Bibliography


## Teaching methods

Theoretical lectures, problem solving in the classroom, planning and preparation of research projects

## Evaluation Regimes (General and/or Alternative)

**General Regime,**
The assessment includes a final exam, a group report and participation in theoretical and practical classes (including participation in two experimental studies).
The classifications of these elements are respectively: 14; 5 values; 1 value.
To obtain approval in the curricular unit in examination is required a minimum of 10 values.
Participation in experimental studies is encouraged and desirable given your character formation and education.
However, in order to safeguard the right of option of the students, this participation may be replaced by two
individual works within the framework of research methodology in psychology corresponding in your set to
the value 1 evaluation. Interested students should contact the teacher in charge.

**General rules**

- The examination and report delivery are mandatory for the final assessment of all students. Thus, to perform
  the final exam they need to deliver the report. In addition, note improvements will be considered only after
  the delivery of these two elements.

- The reports should be developed in groups of 5 elements, applying the standards of the APA (6th ed). They
  should have from 10 to 15 A4 pages (including list of references) with margins of 2.5 and 1.5 of inter-line
  spacing. Reports without these specifications will not be accepted.

**Evaluation Elements**

<table>
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<th>(Dates due, weights, minimum required grades)</th>
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<tr>
<td>Report (turn in: 1st time–until 18 December 2018; 2nd season – until 7 February 2019). Final Exam (date TBD)</td>
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- Weighting depends on the evaluation scheme (see paragraph about methods of evaluation).

**Rules for grade improvement**

- Students enrolled for the first time apply the general rules of grade improvement.

- Students who have attended the course in the school year 2017-2018 and wish to undertake improvement of note, should
  carry out examination and also deliver a new report (in this case, you can use the data of observation collected the
  previous year and elaborate up a new report).

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

- Returning students do not need to submit a new report if they have presented the report in the school year 2017/18.

- Students who have not elaborate year report at the 2017/18 school should elaborate a report (i.e. the notes obtained in
  previous years the 2017/18 not remain).

**Requirements on attendance and punctuality**

- On the theoretical and practical classes are permitted a maximum of 1/3 of absences.

**Special regime**

- For students enrolled under a special scheme, that is, employees, students, civic leaders, athletes and students
  from international exchange programs, the evaluation includes an examination and a final report. The
  classifications of these elements are respectively: 16 points; 4 points.

- To obtain approval in the curricular unit in examination is required a minimum of 10 points. If they so wish
  students enrolled under a special regime may choose at the beginning of the school year by the rules of the
  general scheme. These students should register with the teachers, to the end of October, in one of the
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<th>modalities, getting forced inherent rules.</th>
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**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