



COURSE UNIT INFORMATION SHEET (*SYLLABUS*)

2021/2022

Study Programme Undergraduate Degree in Psychology

Name Biological Bases of Behaviour
Teaching staff Prof. Carlos Fernandes (Professor in charge) Prof. Mónica Rodrigues
ECTS 6
Functioning 2 hours of theoretical class and 2 hours of practical class, weekly.
Learning goals Provide fundamentals of cell biology, heredity, genetics, and physiology. Establish relationships between Biology and Genetics and Psychology. Understand biological and genetic mechanisms responsible for behaviour and its pathologies.
Skills to be developed Establish relationships between Biology and Genetics and Psychology. Understand biological and genetic mechanisms influencing behavior and its pathologies.
Prerequisites (precedences) * Not applicable
Contents Cell biology; genetics and heredity; physiology and behaviour; behavioural genetics; evolutionary psychology.



Bibliography

Griffiths, A., Doebley, J., Peichel, C., & Wassarman, D. (2020). *Introduction to genetic analysis* (12th Ed.). Freeman and Company.

Strachan, T., & Read, A. (2018). *Human molecular genetics* (5th Ed.). Garland Science.

Kalat, J. (2018). *Biological psychology* (13th Ed.). Cengage Learning.

Knopik, V., Neiderhiser, J., DeFries, J., & Plomin, R. (2016). *Behavioral genetics* (7th Ed.). Worth.

Buss, D. (2019). *Evolutionary psychology: The new science of the mind* (6th Ed.). Routledge.

Outra bibliografia específica será indicada nas aulas.

Teaching methods

2 hours of theoretical class and 2 hours of practical class, weekly.

Lectures, with projection of images and videos, in interaction with the students.

Group work for the study and preparation of a scientific article (in the scope of the discipline and the course) for presentation in the practical class, and counted as an element of evaluation.

Evaluation Regimes (General and/or Alternative)

General Evaluation Regime

Evaluation Elements

(Dates due, weights, minimum required grades)

Final exam on the contents of the theoretical and practical classes, with a maximum score of 15 out of 20 (75%), and work and presentation on a scientific article within the scope of the discipline and the course, with a maximum score of 5 (25%). The final score will be the sum of the partial scores.

Rules for grade improvement

The same described above in 'Evaluation Elements'.

Rules for students having previously failed the course unit *

The same described above in 'Evaluation Elements'.

Requirements on attendance and punctuality



In the practical classes, a maximum of 1/3 of absences is allowed. Presences presuppose participation in the entire class.

Students must enter the class within 15 minutes after the set time and do not leave the room without a justification given to the teacher.

Rules for special students

(workers, elite athletes, student body leaders, military, fathers/mothers, with special needs) *

Not applicable

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