

Psychoendocrinology

Code: 102586
ECTS Credits: 6

2024/2025

Degree	Type	Year
2502443 Psychology	OT	4

Contact

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Teaching groups languages

You can view this information at the [end](#) of this document.

Prerequisites

There are no specific prerequisites, although it is advisable to have completed the basic subjects in the area of psychobiology.

Objectives and Contextualisation

The subject of psychoendocrinology forms part of psychobiology. This optional 6-credit course is usually taken in the fourth year. It is part of the specialized areas of "Child and Adolescence Clinical Psychology" and of "Adult Clinical Psychology". The aim of this subject is to offer knowledge of the neuroendocrine bases of normal behaviour and psychopathology, as well as psychological disorders associated with endocrine disorders. Endocrine diagnostic methods (dynamic endocrine tests,..) will also be analysed.

Competences

- Analyse scientific texts written in English.
- Identify and describe the processes and stages in psychological development through the life cycle.
- Identify, describe and relate the biology of human behaviour and psychological functions.
- Make systematic reviews of the different documentary sources in psychology to collect, order and classify research data and materials.
- Use different ICTs for different purposes.

Learning Outcomes

1. Analyse scientific texts written in English.
2. Analyse, synthesize and summarise information from scientific and professional texts.
3. Describe hormonal changes throughout the life cycle.
4. Describe the anatomy and physiology of the main endocrine glands.
5. Describe the different types of hormone and the mechanisms for action.
6. Handle scientific documentation systems.
7. Identify and describe the hormonal bases in normal and abnormal behaviour.

8. Plan a literature search or references, both computerized databases and libraries and newspaper archives.
9. Use different ICTs for different purposes.

Content

BASIC ASPECTS IN PSYCHOENDOCRINOLOGY

Unit 1. - Molecular and anatomical bases in psychoendocrinology.

Unit 2. - Homeostasis and psychoendocrinology.

Unit 3. - Hormones and human life cycles.

CLINICAL ASPECTS IN PSYCHOENDOCRINOLOGY

Unit 4. - Behavioral disorders in endocrinopathies.

Unit 5. - Endocrine alterations in neuro-psychiatric disorders.

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Seminars	12	0.48	3, 4, 5, 7
Theoretical classes	24	0.96	3, 4, 5, 7
Type: Supervised			
Tutorials	1.5	0.06	
Type: Autonomous			
Readings of scientific articles and manuals	40.5	1.62	
Study	50	2	
Wikis	20	0.8	

The methodology is the following:

Lectures.

Case study: Seminars about endocrinological cases.

Autonomous work: Students must prepare two entries, one individually and the other in a group, on aspects related to psychoendocrinology. These works will be done through a wiki application.

Other activities through the virtual campus that include the elaboration of a glossary or the participation in forums.

Classes are taught in Catalan

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Ev1 - Online written examination - Part One	20%	0	0	3, 4, 5
Ev2 - Online written examination - Part Two	20%	0	0	3, 7
Ev3 - Individual Wiki	10%	0	0	1, 2, 3, 6, 7, 8, 9
Ev4 - Group Wiki	10%	0	0	3, 7, 9
Ev5 - Final written examination	30%	2	0.08	3, 4, 5, 7
Ev6 - Participation in classroom activities	10%	0	0	6, 9

This subject does not consider single assessment.

The assessment of the course consists of six evidences of learning. Competences for this subject will be assessed by means of written exams, individual and group tasks, presentations and/or discussions of texts in class. Each of these three sections will be assigned a specific weight in the final grade:

- 2 online written examinations (Ev1 and Ev2) in which the students individually answer to a series of questions, raised with clinical cases, on the different topics of the program (weight 20% each examination). The first one will be taken around the first assessment period (week 9), while the second one will be taken during week 14-15.
- One individual written examination (Ev5) on basic concepts of the subject (weight 30%). Second assessment period. The delivery of the translation of the face-to-face evaluation tests will be made if the requirements established in article 263 are met and the request is made telematically (E-FORM) in week 4 (more information on the Faculty's website).
- One individual (Ev3) and one group (Ev4) tasks with the support of wiki systems (weight 10% each task). The individual task is to make a wiki page about a hormone. The group task is to make a wiki page about some aspect of cell biology involved in psychoendocrinology. The specific topics will be indicated during the course. They will be delivered on week 15.
- Participation in activities (Ev6), both in classroom and online (weight 10%).

In accordance with Art. 116, point 10, of the UAB Regulations, should the student carry out any irregularity (copy, plagiarism ...) that may lead to a significant variation of the qualification of an evidence; this assessment will be graded with "zero". In case there are several irregularities in the evaluation of the same subject, the final grade will be "zero". For any doubt, on the website <https://www.uab.cat/web/estudiar/graus/graus/avaluacions-1345722525858.html> you can consult the Guidelines for the evaluation of the UAB psychology degree.

Final grade

The final grade will be calculated according to the weighted average of each of the learning evidences.

Resit

In the case that the subject is not passed (grade equal or higher than 5), the student will be able to take a resit test in the recuperation period to improve the learning evidence note corresponding to the written tests, as long as they meet the following two criteria:

- a) Obtained a final grade equal to or greater than 3 points (between 3 and 4.8 points), and
- b) The weight of the evidence presented equals to a minimum of 66% of the total qualification of the subject.

The final grade for the subject obtained by the student in case of passing the resit will be five (5).

"Non-assessable" grade

A mark of N/A (Non-Assessable) will be awarded if a student fails to hand in equal or more than 40% of the assessed work used to calculate the final grade.

No unique final synthesis test for students who enroll for the second time or more is anticipated.

Bibliography

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Software

No specific Software is used for this subject.

Language list

Name	Group	Language	Semester	Turn
(PLAB) Practical laboratories	111	Catalan	first semester	morning-mixed
(PLAB) Practical laboratories	112	Catalan	first semester	morning-mixed
(PLAB) Practical laboratories	113	Catalan	first semester	morning-mixed
(PLAB) Practical laboratories	114	Catalan	first semester	morning-mixed
(PLAB) Practical laboratories	115	Catalan	first semester	morning-mixed
(TE) Theory	1	Catalan	first semester	morning-mixed

PROVISION