

### Work Placement

Code: 44670  
ECTS Credits: 15

**2025/2026**

Degree	Type	Year
Pharmacology	OB	0

### Contact

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### Teachers

Maria Antonieta Agustí Escasany

### Teaching groups languages

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

### Prerequisites

Having completed the theoretical modules of the Master

### Objectives and Contextualisation

In the practical session the student will join either a company, a public organism or an organization of any sort, with the aim of undertaking a project linked to Clinical or Preclinical Pharmacology. The work to be carried out may be experimental (basic research, clinical trial, pharmacovigilance, etc.), or within the management arena (marketing, regulatory, etc.). This practical work will end up with the writing of a report (Final Master Work or TFM) followed by a presentation.

Such sessions will allow the student to acquire basic knowledge, abilities/skills and attitudes that will complement the theoretical education in pharmacology, and that will offer her/him another level of confidence in undertaking projects in the field of pharmacology. This activity will be closely overseen by a professor from the Department that will help the student establish an efficient educational/learning plan. This builds a close link between the Pharmacology Master of the UAB and the receiving organism providing in some instances opportunities to students for actually being recruited.

### Competences

- Design and conduct research on drugs.
- Generate innovative ideas.

- Interpret one's own and other results of research on drugs.

## Learning Outcomes

1. Apply models to describe and predict the time course of drug concentrations and their pharmacological response.
2. Generate innovative ideas.
3. Interpret models to describe and predict the time course of drug concentrations and their pharmacological response
4. Plan, design, use and interpret studies (not on humans) with the aim of evaluating the effects of drugs and their mechanism of action.
5. Plan, design, use and interpret studies (not on humans) with the aim of evaluating the time course of drug concentration in biological tissues and its relation to the effects observed.
6. Plan, design, use and interpret studies (not on humans) with the aim of evaluating toxicity and possible adverse reactions.
7. Recognise and apply the ethical and quality requirements for conducting non-clinical research with drugs.

## Content

a) Practical session within a company (or a related organization): professional project aiming at providing the student with basic knowledge, abilities/skills and attitudes useful within her/his professional career, and that will also allow the student to assess her/his interest in a specific area of pharmacology.

b) Practical session in a research group: acquisition of skills in the planning of an experimental protocol (background, hypothesis, objectives, study plan/methods, chronology), design, undertaking, critical analysis and interpretation, with the aim of learning the rigorous application of the scientific method.

In this subject, the use of Artificial Intelligence (AI) technologies is allowed as an integral part of the development of the work, provided that the final result reflects a significant contribution of the student in the analysis and personal reflection. The student must clearly identify which parts have been generated with this technology, specify the tools used and include a critical reflection on how these have influenced the process and the final result of the activity. The lack of transparency in the use of AI will be considered a lack of academic honesty and may lead to a penalty in the grade of the activity, or greater sanctions in serious cases.

## Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Supervised			
Access to an organization (either research-related or not) operating in the field of medicines (PEXT), once the proposal is approved by the Master's officials.	375	15	1, 2, 3, 5, 4, 6, 7

Access to an organization (either research-related or not) operating in the field of pharmacology (PEXT), once the proposal is approved by the Master's officials.

Use of Artificial Intelligence (AI): The use of AI technologies is permitted only for support tasks (such as information search, text correction, or translations) and in specific activities as indicated. Students must clearly identify the parts generated with AI, specify the tools used, and include a critical reflection on how these

influenced the process and final outcome. Non-transparent use of AI will be considered a breach of academic integrity and may result in penalties.

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

### Continuous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Continuous avaluation	100%	0	0	1, 2, 3, 5, 4, 6, 7

The evaluation process includes continuous assessment by the study Director/Tutor, evaluation of the written report, and a presentation in front of a Committee.

Students who do not take both the theoretical and practical assessment tests will be considered "Not Evaluable", exhausting their rights to enroll in the subject.

This module does not provide for the single assessment system.

## Bibliography

Established on a case-by-case basis depending on the nature and theme of the work.

## Software

None in particular.

## Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this [link](#). To consult the language you will need to enter the CODE of the subject.

Name	Group	Language	Semester	Turn
(PEXTm) Pràctiques externes i pràcticum (màster)	1	Spanish	annual	morning-mixed