

Work Placement

Code: 44670
ECTS Credits: 15

Degree	Type	Year	Semester
4311309 Pharmacology	OB	0	2

The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

Contact

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Use of Languages

Principal working language: spanish (spa)

Teachers

Roser Vives Vilagut

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.

Methodology

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.

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.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Supervised			
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.	375	15	1, 2, 3, 5, 4, 6, 7

Assessment

Continuous evaluation by the study Director/tutor, and assessment of the written report, and the presentation by a Committee

Assessment Activities

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

Bibliography

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

Software

None in particular.