

**COURSE DATA****Data Subject**

<b>Code</b>	34075
<b>Name</b>	Tutored Internships
<b>Cycle</b>	Grade
<b>ECTS Credits</b>	24.0
<b>Academic year</b>	2018 - 2019

**Study (s)**

<b>Degree</b>	<b>Center</b>	<b>Acad. year</b>	<b>Period</b>
1201 - Degree in Pharmacy	Faculty of Pharmacy and Food Sciences	5	First term
1211 - D.D. in Pharmacy-Human Nutrition and Dietetics	Faculty of Pharmacy and Food Sciences	6	Second term

**Subject-matter**

<b>Degree</b>	<b>Subject-matter</b>	<b>Character</b>
1201 - Degree in Pharmacy	38 - Supervised internship	External Practice
1211 - D.D. in Pharmacy-Human Nutrition and Dietetics	2 - Prácticas externas del programa de doble grado	External Practice

**Coordination**

<b>Name</b>	<b>Department</b>
CARBO VALVERDE, ESTER	25 - Plant Biology

**SUMMARY**

This subject, in compliance with European Directives 85/432, 85/433 and 2013/55 and Royal Decrees 1567/1989 and 1460/1990, is a six-month internship to be carried out at community pharmacies or hospital pharmacy services under the supervision of a pharmacist. As the modalities differ, the contents vary slightly. However, there is a common point, gaining skills related to the different modalities of professional activities of pharmacists concerning pharmaceutical care, teamwork, collaboration with other health professionals and ethical aspects of pharmacy practice. The timetable of internship management is published in the faculty website



## PREVIOUS KNOWLEDGE

### Relationship to other subjects of the same degree

There are no specified enrollment restrictions with other subjects of the curriculum.

### Other requirements

The student must have passed 220 credits corresponding to obligatori and basic matter

## OUTCOMES

### 1201 - Degree in Pharmacy

- To possess and to understand the knowledge in the different areas of study included in the formation of the pharmacist.
- To apply this knowledge to the professional world, contributing to the development of Human Rights, democratic principles, principles of equality between women and men, solidarity, protection of the environment and promotion of a culture of peace with Gender perspective.
- To know how interpret, value and communicate relevant data in the different aspects of pharmaceutical activity, making use of information and communication technologies.
- Skill to communicate ideas, analyze problems and solve them with a critical mind, achieving team-working abilities and assuming leadership whenever required.
- Development of skills to update their knowledge and undertake further studies, including pharmaceutical specialization, scientific research and technological development, and teaching.
- Develop know-hows for their professional career.
- Organize and manage the processes of a pharmacy office.
- To know the procedures and management of a hospital pharmacy or primary care service, including the personnel attached to them
- Manage medications
- Preservation, safekeeping, dispensing and rational distribution of medicines and other pharmaceuticals
- Prepare compound formulas and individual prescriptions.
- Provide pharmaceutical care to patients
- Perform pharmacovigilance
- Learn to communicate with patients and other health care professionals



- Know and specialize in health education.

## LEARNING OUTCOMES

Once the period of the supervised internship has been concluded the student will know:

- how to organise and manage a community pharmacy, a hospital pharmacy service or a primary health centre,
- drug management: conservation issues, safe keeping, dispensation and rational use of drugs and other pharmaceutical products;
- compounding of formulations and officinal preparations;
- being able to provide pharmaceutical attention to patients;
- how to perform pharmacovigilance;
- invoice management, in the case of community pharmacies

## DESCRIPTION OF CONTENTS

### 1. Hospital training

1. Structure, organization and procedures in a Pharmacy Service
2. Medication management: acquisition, storage and conservation.
3. Dispensing medications.
4. Formulations: pharmacotechnia and intravenous mixtures.
5. Drug Information and selection
6. Pharmacokinetics.
7. Clinical trials.
8. Pharmaceutical care to hospitalized patients.
9. Pharmaceutical care to outpatients.
10. Nutritional support
11. Oncology pharmacy.
12. Risk management and pharmacovigilance.

### 2. Practice in pharmacy



1. Estructura sanitaria nacional y comunitaria. La oficina de farmacia.
2. Adquisición, almacenamiento y conservación de productos farmacéuticos.
3. Dispensación e información al paciente.
4. Formulación magistral y preparados oficinales.
5. Facturación y libros recetarios.
6. Legislación y fuentes bibliográficas.
7. Farmacovigilancia y Atención Farmacéutica.
8. Otras actividades propias y complementarias de la Oficina de Farmacia.

## WORKLOAD

ACTIVITY	Hours	% To be attended
Clinical practice	630,00	100
Seminars	18,00	100
Tutorials	12,00	100
Development of individual work	30,00	0
Readings supplementary material	33,00	0
Resolution of case studies	15,00	0
Resolution of online questionnaires	12,00	0
<b>TOTAL</b>	<b>750,00</b>	

## TEACHING METHODOLOGY

Practical classes: attending daily activities of the pharmacy or hospital together with the teaching staff.

Clinical sessions: discussing common problems in pharmacy service

Internship at the hospital pharmacy service: detailed literatura available at the virtual classroom.

Internship at dispensing chemists: websites

## EVALUATION

The evaluation of the student's final mark will be made considering teachers' and managers' assessment do the following:

- Organised activities (student congress and tutorial) : 5%.
- "Report" submitted by students at the end of their internship: 25%.
- "Tutors Report" about the student's attitude, academic progress and learning process: 10%.
- "Written Test" on the contents of the programme, including test questions and solving practical problems.



- Participation in seminars, group work or activities on-line.

The "Written Test" will represent 60% of the final mark, while other activities make up 40%.

The evaluation system applies to two ways the subject can be taken, either at dispensing chemist's or at hospital pharmacy.

## REFERENCES

### Basic

- [www.redfarmaceutica.com](http://www.redfarmaceutica.com)
- [www.portalfarma.com](http://www.portalfarma.com)
- Reglament de pràctiques externes de la Universitat de València. ACGUV 131/2012