

Teaching guide

IDENTIFICATION DETAILS

Degree:	Pharmacy
---------	----------

Scope	Pharmacy.
-------	-----------

Faculty/School:	Experimental Science
-----------------	----------------------

Course:	INORGANIC CHEMISTRY
---------	---------------------

Type:	Basic Training
-------	----------------

ECTS credits:	6
---------------	---

Year:	1
-------	---

Code:	2514
-------	------

Teaching period:	Second semester
------------------	-----------------

Area:	Chemistry
-------	-----------

Module:	Tutored Work Placement and End-of-Degree Project
---------	--

Teaching type:	Classroom-based
----------------	-----------------

Language:	Spanish
-----------	---------

Total number of student study hours:	150
--------------------------------------	-----

SUBJECT DESCRIPTION

Esta asignatura se imparte en el segundo semestre del primer curso del Grado en Farmacia y forma parte del Módulo de Química con 150 h estimadas de dedicación del alumno. La razón de ser de esta asignatura, es proporcionar al alumno los conocimientos necesarios para desarrollar su profesión de farmacéutico en cualquier campo relacionado: investigación, desarrollo, fabricación, distribución y dispensación de medicamentos, así como la información y promoción sanitaria.

Cross Skills

To nurture an attitude of intellectual curiosity and a quest for truth in all areas of life.

To be able to approach a subject by means of rigorous, profound and comprehensive thought.

To be able to assess knowledge acquired.

To be able to apply the theoretical knowledge learnt in the of solving problems and practical cases linked to the various subjects.

LEARNING RESULTS

To identify, design, obtain, analyse and produce active ingredients, drugs and other products and materials of interest to the field of healthcare.

To estimate the risks linked to the use of chemical substances and laboratory procedures.

To be familiar with and apply key structural research techniques including spectroscopy.

To be familiar with the physical and chemical characteristics of substances used to manufacture medication.

To be familiar with and understand the characteristics of reactions in dissolution, the various states of matter and the principles of thermodynamics and its application for pharmaceutical sciences.

To be familiar with and understand the main characteristics of elements and their compounds, as well as their application in the pharmaceutical sphere.

To be familiar with and understand the nature and operation of functional groups in organic molecules.

To carry out standard laboratory procedures involving the use of scientific synthesis and analysis equipment, including suitable instrumentation.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
65 hours	85 hours