

Teaching guide

IDENTIFICATION DETAILS

Degree:	Pharmacy		
Scope	Pharmacy.		
Faculty/School:	Experimental Science		
Course:	PHARMACEUTICAL CHEMISTRY I		
Type:	Compulsory	ECTS credits:	6
Year:	3	Code:	2533
Teaching period:	Sixth 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

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Cross Skills

<p>To nurture an attitude of intellectual curiosity and a quest for truth in all areas of life.</p> <p>To be able to approach a subject by means of rigorous, profound and comprehensive thought.</p>

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 be familiar with the origin, nature, design, obtainment, analysis and control of medication and medicinal products.

DISTRIBUTION OF WORK TIME

CLASSROOM-BASED ACTIVITY	INDEPENDENT STUDY/OUT-OF-CLASSROOM ACTIVITY
66 hours	84 hours