UCLouvain

wfarm1004

2023

The molecular aspect of drugs

2.00 credits	15.0 h + 15.0 h	Q2

Teacher(s)	Ayadim Mohamed ;Frédérick Raphaël (coordinator) ;
Language :	French > English-friendly
Place of the course	Bruxelles Woluwe
Main themes	The main themes of this course are : (i) Molecular formulas, molecular mass, doses, dilutions. (ii) Structural formulas of drugs : organic functions, isomerism, stereoisomerism, acid-base properties, water solubility, partition coefficient. (iii) Biopharmaceuticals : peptides and carbohydrates. (iv) Basic chemical reactivity of drugs and prodrugs.
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 Application of the logic of general and organic chemistry to commercial drugs and pharmaceutical preparations.
Bibliography	Le support pédagogique relatif à chaque séance est disponible sur moodle.
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Pharmacy	FARM1BA	2		🔍