UCL Université catholique de Louvain

WFARM1008

2015-2016

Design of the drug

2.0 credits	15.0 h + 15.0 h	2q

Teacher(s) :	Dalleur Olivia ; Van Bambeke Françoise ; Préat Véronique (coordinator) ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	The course will present the long path in the development of a new drug using examples, it will illustrate the design of new chemical entities, pre-clinical development and clinical studies. During seminar, small group of the students will acquire the competences mentioned in the objectives.
Aims :	The aim of the course is to explain the different steps in the discovery of a new drug to its delivery to the patient and to lead to the understanding of the interaction of the different scientific domains involved in drug conception. In this content, the student will learn to use scientific data banks criticize the information and for good scientific communication *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Content :	During the course, the steps involved in the development of a new drug will be described from chemistry in drug design to drug marketing. The relation of the key steps with the different courses that will be taught will be explained. The student will prepare and present orally a drug and discuss different topics e.g. how was it discovered ? How is it delivered ? What are the key information in the scientific notice of the marketed drugs ?
Faculty or entity in charge:	FARM

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Biomedical Engineering	GBIO2M	2	-	
Bachelor in Pharmacy	FARM1BA	2	-	
	WSBIM100I	3	-	