UCLouvain

wfarm2156

2020

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	40.0 h	Q1

Teacher(s)	Préat Véronique ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	The course covers the understanding and implementation of formulation principles and drug manufacture in industry and community pharmacy. The course is divided in 2 parts (WFARM2156 et 2157) and includes practical training. The course aims at integrating the physicochemical bases necessary for the formulation and the manufacture of pharmaceutical dosage forms. The formulation of various pharmaceutical dosage forms including the role of excipients, the manufacture and their control will be discussed.
Aims	At the end of the formation, students are able to 1 - choose a pharmaceutical form adapted to the drug, the patient and the pathology - formulate it by understanding the associated physicochemical principles and the role of excipients - manufacture it (in community pharmacy or industry) - verify its quality and conformity - - - - *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".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Written exam
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** interactive lecture courses on line pharmaceutical calculations
Content	The course will cover the main pharmaceutical dosage forms used: solid dosage forms for oral use, pharmaceutical solutions, liquids for oral use, injectable dosage forms. The definition and relevance of the pharmaceutical forms described in the European Pharmacopoeia, the principles of their formulation, the main excipients used, the methods of manufacture in industry and community pharmacy and the controls described in the pharmacopoeia will be addressed.
Inline resources	Lecture courses and pharmaceutrical calculations are available on Moodle.
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Pharmacy	FARM2M	5		