

10.0 credits

60.0 h + 28.0 h

Teacher(s) :	Préat Véronique (coordinator) ; Vanbever Rita ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	The topics include the major conventional pharmaceutical dosage forms: solid dosage forms (solid forms for oral use, forms of rectal use). liquid dosage forms (solutions for oral use, injectables and ophthalmic forms); dispersed systems (emulsions including the dermatological preparations, suspensions and aerosols. For each form, the principles of the formulation, the excipients, the methods of preparation and controls are approached.
Aims :	<p>The aim of the course is to train the students to the formulation, manufacture and control of pharmaceutical dosage forms on the basis on the physicochemistry and bio-pharmacy knowledges acquired.</p> <p>The topics detailed in course include liquid pharmaceutical and ophthalmic preparations, solid dosage forms (tablets and capsules for oral route, rectal forms, transdermal systems) as well as dispersed systems (emulsions with a special emphasis on dermatological forms, suspensions and aerosols including inhalers).</p> <p><i>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".</i></p>
Content :	<p>The course of pharmaceutics includes the formulation, manufacture and control of conventional pharmaceutical dosage forms. The course will be taught in auditorium.</p> <p>A personal work of the student is required for the pharmaceutical calculations.</p> <p>During the practical training, the student will prepare the most common preparations produced in pharmacy open to the public.</p>
Other infos :	<p>Prerequisite Physicochemistry, pharmacokinetic and bio-pharmacy</p> <p>Evaluation Course: Oral exam (2 written general questions and oral interview) Practical training: pharmaceutical forms commonly prepared in pharmacy Course materials Slides (iCampus), Exercice (iCampus), Syllabus for practical training, Recommended books</p>
Cycle and year of study :	> Master [120] in Pharmacy
Faculty or entity in charge:	FARM