


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).

4 credits	45.0 h	Q2
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Teacher(s)	Frédéric Raphaël ;Hermans Emmanuel (coordinator) ;Jordan Bénédicte ;Mingeot Marie-Paule ;Muccioli Giulio ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	Work done by a small team of students and presented to all students enrolled in the elective course. The various fields of pharmaceutical sciences taught previously will be discussed from the structure of an active compound to its action on the drug target. The student will have to think about the structure of the active compound (chemical functions, conformations, lipophily'), its origin (synthetic, natural product, produced from biotechnology), its target (s) drug (s) (receptor, transporter, ion channel, enzyme), its interaction with one (s)-and its ability to achieve these (pharmacokinetics and metabolism).
Aims	<p>1 Give to the student the opportunity to integrate concepts learned throughout the degree in pharmaceutical sciences by bringing it to think 'how' cross, the structure of an active compound in its action on a drug target.</p> <p>-----</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>
Evaluation methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Evaluation: Delivery of a written and oral presentation to the teachers.
Content	- Team of teachers covering all the domains needed for the integration of knowledges (chemists, biochemists, pharmacologists ...) - Interactive Seminars (Students / students and students / teachers) Seminars should be presented just before the students do go on stage. Students have had almost all the theoretical knowledge given in the first three years of Bachelor degree in pharmaceutical sciences and will have the opportunity to integrate them before going on stage.
Other infos	Prerequisite: Scientific knowledge acquired during the three years of the Bachelor of Pharmaceutical Sciences Supervision: The team of teachers
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Additionnal module in Pharmacy	APPFARM	4		
Bachelor in Pharmacy	FARM1BA	4	WFARM1243 AND WFARM1231 AND WFARM1213 AND WFARM1232 AND WFARM1239	