



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).

2 credits

15.0 h + 15.0 h

Q2

Teacher(s)	Muccioli Giulio ;Préat Véronique (coordinator) ;
Language :	French
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	<p>1 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</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	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>Written exam.</p> <p>20% of the mark for the evaluation comes from the seminar's note.</p> <p>The modalities of the written exam will depend on the sanitary conditions.</p>
Teaching methods	<p>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</p> <p>Class teaching as well as seminars under the supervision of teaching assistants</p>
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. During the seminars, The student will analyze the scientific notice of the marketed drugs. The methods for the seminars will combine teaching and on line training.
Inline resources	An adapted version of the material presented during the lessons is available on the "moodle" platform.
Other infos	<p>This course is given in the second period as we aim to use the knowledge acquired in the general subjects (chemistry, biology, anatomy).</p> <p>Participation in the seminars is compulsory and indispensable for the validation of the teaching unit. Any unjustified absence will lead to a penalty in the EU examination which may go as far as the cancellation of the examination mark for the year of study in question (0/20). In case of repeated absences, even if justified, the teachers may propose to the jury to oppose the registration for the EU exam in accordance with article 72 of the RGEE.</p>
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Minor in Biomedicine (openness)	MINSBIM	3		
Bachelor in Pharmacy	FARM1BA	2		
Master [120] in Biomedical Engineering	GBIO2M	2		