

3.00 credits

22.5 h

Q2

Teacher(s)	des Rieux Anne ;Préat Véronique (coordinator) ;Vanbever Rita ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	The new drug delivery systems addressed during the classes include transdermal and transmucosal drug delivery, nanocarriers (liposomes, nanoparticles), drug delivery in tissue engineering, the solubilisation of poorly soluble drugs.
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p>1 By the end of the course, the students should be able to design of new drug delivery systems for drugs with low oral bioavailability.</p>
Evaluation methods	The students will be mainly evaluated on the basis of the oral presentation or the poster they will have prepared during the seminars (16/20). They will also be evaluated during their participation in the course (4/20).
Teaching methods	Interactive lecture courses and tests Research papers on advanced drug delivery. The paper is selected by the student based on a suggested list of scientific journals and approved by one of the teachers.
Content	Interactive lecture courses during which concepts on advanced drug delivery systems are illustrated by examples. During the seminars, the students will prepare an oral presentation or a poster on a novel drug delivery system based on a research paper.
Inline resources	Courses will be available on Moodle.
Other infos	Prerequisite: pharmaceutics, pharmacokinetics
Faculty or entity in charge	FARM

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Pharmacy	FARM2M	3		