

6.00 credits

60.0 h

Q2

Teacher(s)	Feron Olivier (coordinator) ;Hermans Emmanuel ;Lysy Philippe ;
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	Explanation of the activity, the regulation and the dysfunction of the principal systems : heart and circulation system, respiratory system, body fluids and renal function, central, peripheral and autonomous nervous systems, sense organs, gastrointestinal system, reproduction and endocrine systems.
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p>By the end of this course, the student will have a comprehensive knowledge of the principal systems, their functions, the regulation of their activities and their integration in the organism homeostasis. Finally, the students will have an overview of the principal dysfunctions of these systems that lead to diverse pathological states. This course should provide sufficient background to follow further specialised courses of pathology and pharmacology.</p> <p>1</p>
Evaluation methods	<p>The assessment consists of a written exam. It includes short open-answer or long-answer questions, most often involving diagrams to be completed or completed, and multiple-choice questions (MCQ).</p> <p>The number of questions will reflect the hourly volumes of each teacher. The final mark will take into account the results in each part, in the form of an arithmetic average weighted according to the hourly volumes of each teacher.</p>
Teaching methods	Lecture in auditorium + flipped classroom for some parts of the course (= podcasts supplemented by sessions in auditorium to answer students' questions).
Content	The course covers the functional physiology specific to the different systems and some elements of physiopathology. Each system is described by detailing the various cellular / tissue elements that compose it, the associated physiological functions and the modes of regulation involved.
Inline resources	All the documents related to the course are accessible via Moodle.
Other infos	Pre-requisite: WFARM1212 or WSBIM1201T
Faculty or entity in charge	FASB

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Pharmacy	<a href="#">FARM1BA</a>	6	WMD1120P AND WMD1006 AND <a href="#">WFARM1009</a>	