

6.00 credits

60.0 h

Q2

Teacher(s)	Feron Olivier (coordinator) ;Grootaert Mandy ;Hermans Emmanuel ;
Language :	French > English-friendly
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	At the end of this learning unit, the student is able to : 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, 1 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.
Evaluation methods	The assessment consists of a written exam. It may include short open-ended or essay questions possibly involving diagrams to be made or completed, as well as multiple-choice questions. The final mark will take into consideration the results of the different parts of the exam. It will be based on an arithmetic average considering, among other things, the hourly volumes of each teacher.
Teaching methods	Lectures in the lecturehall as well as possibly lessons in flipped classes for certain parts of the course (= podcasts supplemented by sessions in the lecturehall 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	Most of the documents related to the course are accessible via Moodle.
Faculty or entity in charge	FASB

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Pharmacy	FARM1BA	6	WMD1104 AND WMD1120P AND WMD1006 AND WFARM1009	