UCL Université catholique de Louvain

WFARM1213

2015-2016

Human physiology and basics of physiopathology

6.0 credits	60.0 h	2q

Teacher(s) :	Hermans Emmanuel ; Feron Olivier ; Jonas Jean-Christophe ;
Language :	Français
Place of the course	Bruxelles Woluwe
Prerequisites :	*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.*
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.
Aims :	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 homoeostasis. 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. *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".*
Evaluation methods :	Examination : Written exam with open questions
Content :	The functional physiology and basic concepts of physiopathology are examined systematically. Each system is considered separately by describing the constitutive cells and tissue types, its physiological activity and the mechanisms participating in its regulation. A particular attention is also given to the study of alterations of each system, leading to an introduction of possible therapeutic approaches.
Bibliography :	Support : All documents related to the lectures are available for students as paper copies (these documents are also accessible on Internet via the website of the university - iCampus). A book of reference is also proposed
Faculty or entity in charge:	FASB

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in Biomedicine	SBIM1BA	5	WMD1120 **and** WFARM1009 **and** WMD1006 **and** WSBIM1203 **and** WSBIM1204 **and** WSBIM1226 **and** WMDS1211 **and** WSBIM1201T **and** WSBIM1201P	
Bachelor in Pharmacy	FARM1BA	6	WMD1120P **and** WMD1006 **and** WFARM1009	