UCLouvain

wfarm1213

2019

Human physiology and basics of physiopathology

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

6 credits	60.0 h	Q2

Teacher(s)	Feron Olivier (coordinator) ;Hermans Emmanuel ;Lysy Philippe ;
Language :	French
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	1 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	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Questions requiring short-open-responses possibly involving diagrams/schemes to be built or completed. Multiple-choices questions.
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Lectures (slide projection). Flipped classroom for some parts of the course.
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 projected during the courses are accessible on UCL's Moodle website.
Faculty or entity in charge	FASB

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Pharmacy	FARM1BA	6	WMD1120P AND WMD1006 AND WFARM1009	
Bachelor in Biomedicine	SBIM1BA	5	WMD1120 AND WFARM1009 AND WMD1006 AND WSBIM1203 AND WSBIM1204 AND WSBIM1226 AND WMDS1230 AND WSBIM1201T AND WSBIM1201P	