UCL Université catholique de Louvain

WFARM1212T

2015-2016

Eléments de physiologie générale

2.0 credits	15.0 h	1q

Teacher(s) :	
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 :	Comprehensive outline of the mechanisms regulating cell homeostasis (intra and extracellular buffers, mechanisms of exchange of materials and information between intracellular and intracellular compartments, intercellular communication).
Aims :	By the end of this course, the students will possess a general knowledge of fundamental concepts in cell physiology, and in particular the principles of cell homeostasis and the interaction of the cell with its environment. In this perspective, the animal cell is considered as a single biological unit participating in the formation of an integrated organism. *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".*
Content :	The course is intended to cover the mechanisms of the exchanges that eukaryotic cells develop with their environment and the way the cell responds to alterations of this environment or diverse stimuli, the chemical and electrical intercellular communications used for the transmission of information, and the mechanisms of excitation-contraction coupling in the different types of muscles.
Other infos :	Requirements : MD1005 Biologie générale (9 credits) or equivalent MD1006 Cytologie et histologie générales (5 credits) or equivalent The course includes lectures (total of 15 h) and practical activities, organized in relation to those of the course of pharmacology (7,5h) 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). Examination : Written exam with open questions
Faculty or entity in charge:	FARM

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in Dentistry	DENT1BA	2	WMDS1102 **and** WMDS1105	🔍