UCL Université catholique de Louvain

WSBIM1201P

2015-2016

Physiologie générale (partie travaux pratiques, 25h)

2.0 credits	0 h + 25.0 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 :	Cells and living beings are thermodynamic open systems, and exchange matter and energy with their environment. General physiology study cell homeostasis, the mechanisms regulating the exchanges between cells, and the interactions between cells and their environment.
Aims :	The objective is to study the basic concepts of cellular physiology and the fundamental properties of eukaryotic cell. *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 :	Comprehensive outline of cell homeostasis and of the mechanisms regulating the exchanges of substances and information with the environment; intercellular communications (electrical and chemical transmission); contractile properties and excitation-contraction coupling in the different types of muscles; thermoregulation and metabolism. Practical courses are intended to provide students with an initiation into experimentation in physiology.
Other infos :	Written exam with open questions. Continuous evaluation of the practical courses. Pre-requirements : basic knowledge in chemistry, physics, biochemistry.
Faculty or entity in charge:	SBIM

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

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in Biomedicine	SBIM1BA	2	WMD1006 **and** WMD1102 **and** WMD1104 **and** WMD1105	