UCLouvain

wsbim1201t

2020

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

4 credits	40.0 h	Q1

Teacher(s)	Feron Olivier ;Gilon Patrick (coordinator) ;
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	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 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) or longer motivated responses.
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Flipped classroom. Lessons are made available as podcasts and specific live sessions (in classroom and/or remote access, e.g. via Teams) are organized at indicated times (see Moodle) to address students' questions and/or specific issues related to the course.
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. Practical courses are intended to provide students with an initiation into experimentation in physiology.
Inline resources	Podcasts and ppt files are accessible via Moodle.
Other infos	Participation in tutorials and practice sessions is mandatory to validate the teaching unit (TU). Any unjustified deviation from this rule leads to a penalty in the TU exam which can go as far as the cancellation of the exam mark (0/20). The teacher may also propose to the jury to oppose the registration for the TU exam in compliance with article 72 of the RGEE.
Faculty or entity in charge	SBIM

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Biomedicine	SBIM1BA	4	WMD1006 AND WMD1102 AND WMD1104 AND WMD1105	