

6.0 credits	60.0 h	2q
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Teacher(s) :	Jonas Jean-Christophe ; Feron Olivier ; Hermans Emmanuel ;
Language :	Français
Place of the course	Bruxelles Woluwe
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. <i>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".</i>
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
Cycle and year of study :	> Bachelor in Biomedicine > Bachelor in Pharmacy
Faculty or entity in charge:	FASB