UCLouvain

liepr1004

2023

Cell biology and fundamentals in histology

5.00 credits	45.0 h	Q2

Teacher(s)	Behets Wydemans Catherine ;Henriet Patrick ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The major themes are : - Characteristics common to all living species - The human cell, its functioning and division - Classical, evolutive and molecular genetics - Cellular bases in sexual reproduction - The differents cell types and their organisation in tissues - The major steps in human embryonic development
Learning outcomes	**At the end of this learning unit, the student is able to :** 1 By the end of the module, students should understand the bases of unicity and diversity in the living world. They will know the structure and functioning of human cell and genome as well as the mechanisms of cell division and embryonic development. Moreover, they will know the structure of the major types of human tissues.
Content	(auteurs - titulaires actuels) : P. Henriet and C. Behets Wydemans **Biology (P. Henriet)**: 1. UNICITY IN THE LIVING WORLD 2. THE HUMAN CELL 3. DIVERSITY IN THE LIVING WORLD 4. MOLECULAR GENETICS 5. CELL DIVISION 6. GAMETOGENESIS AND FERTILIZATION 7. INTRODUCTION TO HUMAN EMBRYOLOGY **Histology (C. Behets Wydemans)**: 1. EPITHELIAL TISSUE 2. CONNECTIVE TISSUE 3. BLOOD TISSUE 4. MUSCLE TISSUE 5. NERVE TISSUE 2.6.0.0
Faculty or entity in charge	FSM

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Motor skills : General	EDPH1BA	5		
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	5		