


4.00 credits

45.0 h

Q2

Language :	French
Place of the course	Louvain-la-Neuve
Main themes	<ul style="list-style-type: none"> • Characteristics common to all living beings • The human cell, its functioning and its division • Classical, evolutionary and molecular genetics • The cellular bases of sexual reproduction • The different cell types and their organization into tissues (epithelia, connective tissues, blood tissue, muscle tissue, nervous tissue) • The main stages of human embryonic development.
Learning outcomes	
Evaluation methods	Assessment: 2-hour written exam. The distribution between the two parts of the course is as follows: 10 points for biology (P. Henriet part) and 10 points for histology (C. Behets part).
Teaching methods	Masterful, for a large audience
Content	<p>(auteurs - titulaires actuels) : P. Henriet and C. Behets Wydemans</p> <p>Biology (P. Henriet):</p> <p>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</p> <p>Histology (C. Behets Wydemans):</p> <p>1. EPITHELIAL TISSUE 2. CONNECTIVE TISSUE 3. BLOOD TISSUE 4. MUSCLE TISSUE 5. NERVE TISSUE</p> <p>2.6.0.0</p>
Other infos	<p>The Biology part is based on the LFSM1104 General Chemistry and Biomolecules course.</p> <p>Course materials: Syllabus and Powerpoints projected during classes.</p> <p>This course is reserved for FSM students. Its access is possible to other UCLouvain students on the basis of a file to be given to the course coordinator.</p>
Faculty or entity in charge	FSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Approfondissement en statistique et sciences des données	APPSTAT	4		
Minor in Statistics, Actuarial Sciences and Data Sciences	MINSTAT	4		