


3 credits

10.0 h + 20.0 h

Q2

Teacher(s)	Beuloye Christophe ;Bertrand Luc ;Dessy Chantal ;Dumoutier Laure ;Feron Olivier ;Henriet Patrick ;Horman Sandrine ;Jonas Jean-Christophe coordinator ;Kienlen-Campard Pascal ;Pilette Charles ;
Language :	English
Place of the course	Bruxelles Woluwe
Main themes	At the end of the year, the student will : <ul style="list-style-type: none"> <li>• know the pathophysiology of the diseases covered during classes, from the molecule to the cell, the cell to the organ, and the organ to the organism</li> <li>• understand/be able to explain the link between the molecular and cellular alterations described and the development of the chronic diseases covered during classes, as well as the mode of action of drugs targeting these alterations and their impact in other organs</li> <li>• be able to analyze and criticize a conference or paper in that field ; use his/her new knowledge and skills to investigate unanswered questions on the topic</li> <li>• imagine new approaches to study the pathophysiology of other diseases</li> </ul>
Aims	<p>1 This course requires good knowledge of cellular and molecular biology, biochemistry of cell metabolism, immunology, cell and organ physiology, and human pathology.</p> <p>-----</p> <p><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></p>
Evaluation methods	Written examination on 3 different parts of the course, unless specified otherwise by each professor. The final note may be lower than the arithmetic mean of the notes obtained in each part; penalties will be applied in case of a major failure in one part, whatever the note obtained for the other parts.
Content	On the basis of choice of the set of themes approached, a competent tutor is chosen to accompany the student. The basic material will be a reference chapter in a textbook and a series of scientific papers covering the subject.
Other infos	It is highly recommended to attend classes. Slides projected during classes and additional documents will be posted on MoodleUCL.
Faculty or entity in charge	SBIM

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Biomedicine	<a href="#">SBIM2M</a>	3		
Master [60] in Biomedicine	<a href="#">SBIM2M1</a>	3		