


3.00 credits

22.5 h

Q2

Teacher(s)	Bommer Guido ;Collet Jean-François (coordinator) ;Constantinescu Stefan ;Tyteca Donatienne ;
Language :	French
Place of the course	Bruxelles Woluwe
Prerequisites	<i>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.</i>
Main themes	Methodologies currently discussed are (1) principles and methods of protein purification, including the calculation of a purification table; (2) principles, applications and safety rules in the use of radioactivity as a tool in biochemistry and cell biology; (3) principles and applications of cell culture; (4) the physical basis, methods, potentials and limitations of analytical subcellular fractionation ; and (5) morphological methods, with emphasis on molecular tracking in fixed and living cells
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <p>To get a critical grasp on a few essential methodologies in cell and molecular biology, on which teachers have a special expertise. The course primarily aims at the understanding of basic principles and inherent limitations, so as to help students in selecting the most appropriate approach to address a specific question. This teaching further demands the quantitative analysis of the observations and the differentiation between warranted and unjustified conclusions from a particular experiment</p> <p>1</p>
Faculty or entity in charge	SBIM

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Additionnal module in Biomedical Sciences	<a href="#">APPSBIM</a>	3		
Bachelor in Biomedicine	<a href="#">SBIM1BA</a>	3	WMD1120 AND WMD1006 AND <a href="#">WSBIM1001</a> AND WMD1105	