

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

3 credits

30.0 h + 10.0 h

Q1

Teacher(s)	De Smet Charles ;Lemaigre Frédéric ;Michiels Thomas (coordinator) ;
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>
Aims	<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	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Written exam comprising multiple choice questions, open-ended questions and exercices in which students will be evaluated on their capacity to implement their knowledge. Results of tests performed during tutorial classes may contribute for 2/20 points in the final mark.
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Lectures and tutorial classes
Content	Theoretical courses. In eucaryotes and procaryotes: structure of DNA, chromatin organisation, DNA replication, gene structure, synthesis of RNAs and proteins, post-translational modifications, epigenetic control of gene expression through modification of histones and DNA. During tutorial classes, an introduction is given to the analysis and use of DNA and RNA sequences and on the use of softwares for such analyses.
Inline resources	Files with informations, exercices and with slides presented in the course are available on MoodleUCL (https://moodleucl.uclouvain.be/).
Faculty or entity in charge	FASB

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Biomedicine	SBIM1BA	3	WMD1120 AND WMD1006 AND WMD1106	