UCLouvain

lbir1151

2019

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.

6 credits	30.0 h + 30.0 h	Q2

Teacher(s)	Lobet Guillaume ;Rees Jean-François (coordinator) ;
Language :	French
Place of the course	Louvain-la-Neuve
Aims	*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".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Animal biology part: Continuous assessment (online quiz, group work, certification test in audiancy, reports of practical work). In case of success of all parties (score equal to or greater than 10/20 for each part, passing certification tests in audience, if one of the notes (online quiz, group work, practical work BUT NOT THE CERTIFIED TESTS IN AUDIENCE) is less than 10, an average score of 15/20 makes up for this weakness), the student is exempted from the final exam. In the case of a final exam, the mark is the average of the mark of the other activities and of the exam.
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Animal biology part: The course is organized according to the mode of the flipped classroom. Students take courses online, and knowledge sessions are held in the audience. Plant biology part: Lectures in amphitheater. Workshops organized on the problem-based learning mode lead the student to solve animal biology problems in a team, using microscopic analysis and computer tools (Cytomine).
Content	The course Biology of the organisms follows the biology course of the cell. In this course the principles of organization and mechanisms of development of the multicellular organism are discussed (ie how autonomous cells cooperate in harmony within the organism). The peculiarities of animal and plant development are analyzed in detail and exploited to illustrate how different organizational scales, those of the cell and the organism, have appeared during evolution and emerge during the development of the embryo. At the end of the course LBIR1151, the student will be able to: To construct an overview of the world of plants, considering both the characteristics that these organisms have in common and their diversity, both morphologically and biologically. To construct an overview of the world of animals, considering both the characteristics that these organisms have in common and their diversity, both morphologically and biologically. Learning outcomes of the activity contribute to the competency framework of the program for the following points: 1.1, 1.4 and 1.5. The contribution of this EU to the development and mastery of skills and acquired program (s) is available at the end of this sheet, in the part "Programs / training offering this unit of education (EU)".
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Bioengineering	BIR1BA	6		
Minor in Development and Environment	LDENV100I	6		