





5.00 credits

30.0 h + 20.0 h

Q2

Teacher(s)	Dallemagne Matthew (compensates Rees Jean-François) ;Hermant Maryse (compensates Rees Jean-François) ;Quinet Muriel ;Rees Jean-François ;
Language :	French
Place of the course	Louvain-la-Neuve
Learning outcomes	
Evaluation methods	<p>Plant biology part: 1) practical work: 5 points, 2) written examination : 15 points. The practical work is assessed by a practical examination at the end of the term. The in-session examination on the whole subject (theory and practical work) is made up of open questions, short answer questions and may also include MCQs with justification. The practical examination may be resit in the August-September session if the student also sits the whole-subject examination. If the student does not sit this practical examination, the practical mark obtained for the June session is carried over to the August-September session.</p> <p>Animal biology part: 1) Continuous assessment (12.5/20 points of the final mark): Online quizzes (formative), Certificate tests in auditorium (7.5/20), Practical work (5/20); 2) In-session final exam: (7.5/20 final mark points)</p> <p>Final grade for the course</p> <p>The final mark for LBIO1112 is obtained by the arithmetic mean of the marks for animal biology and plant biology if each of these marks is higher than 7/20. Otherwise, the final mark is the lower of the two partial marks. If one of the partial marks from the June session is greater than or equal to 10/20, it does not have to be repeated at the August-September session and the partial mark obtained in June will be repeated.</p>
Teaching methods	Lectures, online courses, practical courses
Content	<p>Morphology and plant physiology</p> <p>Plant Morphology / Anatomy, Growth and Development; Transport in plants / Acquisition and transfer of resources; Plant and soil nutrients / Defensive responses of plants / Responses to internal and external stimuli / The sensory systems of plants / Responses to internal and external stimuli / Plant breeding / reproduction of angiosperms and plant biotechnology</p> <p>Morphology and Physiology of animals</p> <p>Animal body and regulating principle / Structure and function in animals, general / Nervous system / neurons, synapses and signals / Sensory systems / sensory and motor mechanisms / endocrine system / hormones and endocrine system / musculoskeletal system / sensory and motor mechanisms / digestive system / nutrition in animals / respiratory system / circulation and gas exchange / circulatory system / circulation and gas exchange / osmotic and urinary regulation / esmoregulation and excretion / immune system / reproductive system / reproduction in animals / animal development /</p>
Bibliography	Biologie, de Raven et al. publié chez DeBoeck (11eme édition, 217)
Other infos	<p>Attendance at all practical sessions, including those organised online, is compulsory unless an exemption is explicitly granted by the teacher. In the event of unjustified absence or absence for which justification has not been accepted at a practical session, a penalty will be applied to the final mark. The penalty is proportional to the number of absences. The same applies to repeated misuse of the equipment provided during practical work. Penalties are definitively imposed and may lead to a final mark of 0/20.</p> <p>Regular work and a questioning approach to the subject are strongly encouraged.</p>
Faculty or entity in charge	BIOL

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Chemistry	<a href="#">CHIM1BA</a>	5		
Bachelor in Veterinary Medicine	<a href="#">VETE1BA</a>	5		
Minor in Scientific Culture	<a href="#">MINCULTS</a>	5		
Bachelor in Biology	<a href="#">BIOL1BA</a>	5		
Bachelor in Biology, Anthropology and Archaeology	<a href="#">BABA1BA</a>	5		