UCLouvain

lbio1230

2022

Invertabrate biology

4.00 credits	10.0 h + 40.0 h	Q1

Teacher(s)	Rees Jean-François ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	To follow this course, it is necessary to master the knowledge and skills developed in the course LBIO1112
Learning outcomes	
Evaluation methods	Written work carried out in a team with evaluation of the individual contribution Continuous assessment during practical sessions Exam of practical work
Teaching methods	Online multimedia course Practical work including dissections and observations of biological material under the microscope. Team written production
Content	This course addresses the evolution and diversity of non-vertebrate animals. After an introduction on the protists, it reviews clades resulting from animal evolution (porifers, cnidarians, platyhelminthes, rotifers, nematodes, molluscs, and arthropods).
Inline resources	The online course is available on the platform www.zoologie.be
Bibliography	Invertebrates. Brusca & Brusca, Sinauer Associates, 2003
Other infos	The participants will carry out a teamwork which will focus on one of the following two themes: 1. Production of a monograph on a local non-vertebrate species. In addition to a complete description of the animal (external and internal examinations), the monograph will include information on the physiology and behavior of the animal, taken from the literature and from observations made by the participants. Experiments on physiology and behavior can be carried out. 2. Realization of a monograph on an imaginary species, resulting from current organisms, on the basis of phylogenetic, physiological, morphological or behavioral constraints imposed on the team.
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Minor in Scientific Culture	MINCULTS	4		🔍
Bachelor in Biology	BIOL1BA	4		🔍