

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

2 credits	20.0 h + 10.0 h	Q2
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Teacher(s)	Dehoux Jean-Paul ;Nieberding Caroline ;Rezsohazy René ;Soumillion Patrice ;Visser Bertanne ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The course consists of a series of lectures with the aim to provide students with a deeper understanding deeper understanding of key topics in evolutionary biology. Topics discussed during this course include the evolution of phenotypic plasticity, epigenetics, genetic accommodation, sexual selection, evo-devo, epistemological problems raised by evolutionary theory, as well as the molecular evolution of proteins, and the origin of life.
Aims	<ul style="list-style-type: none"> • Understand more complex topics in evolution • Read and understand a recently published article on an evolutionary topic of choice and write a short 'news and views' style article about it. <p>-----</p> <p><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></p>
Evaluation methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Written report
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Lectures
Content	This teaching unit consists of: <ul style="list-style-type: none"> • Lectures covering the evolution of phenotypic plasticity, epigenetics, genetic accommodation, sexual selection, evo-devo, human evolution, epistemological problems raised by evolutionary theory, as well as the molecular evolution of proteins, and the origin of life • Writing a 'news and views' article, based on a recently published paper in evolutionary biology
Other infos	This course is an extension of LBIO1310, which will be given simultaneously. This course is specifically designed for students with an interest beyond general evolutionary theory.
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Additionnal module in Biology	APPBIOL	2		