

3.0 credits

37.5 h

1q

Teacher(s) :	Moens André ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	The first part of the course is devoted to the study of the cell, the way it is built and how it works. It is compared to a small factory which makes use of the available energy both to express its genetic make up as well as transmitting it. These ideas lead on to the study of sexual reproduction and Mendelian genetics.
Aims :	The course is designed to lay the foundations for concrete, rigorous and critical knowledge of the mechanisms which create and underlie life, especially human life, in a way that demonstrates this knowledge is built on experimental facts and not abstract thought. <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>
Content :	This general biology course is designed to provide an introduction to the organization and workings of a living organism. Since the cell is the basic unit for all living beings, its structure, the way in which it undertakes its functions, its reproduction and its differentiations are examined with reference to human beings. Moreover it is necessary to understand the management and transmission of these characteristics to explain certain human behaviours at a later stage : these issues and their outcomes are considered in the second part of the course. Throughout the course, scientific procedures and methodology appropriate for a biological approach are emphasized.
Other infos :	This course is a prerequisite for the physiology course (PSP 1400) and the neurophysiology course (PSP 1401) held in the second semester.
Cycle and year of study :	<ul style="list-style-type: none"> > Bachelor in Philosophy > Master [120] in Physics > Certificat universitaire en physique d'hôpital > Certificat universitaire de contrôle physique en radioprotection (Classe I) > Certificat universitaire de contrôle physique en radioprotection (Classe II) > Master [60] in Environmental Science and Management > Master [120] in Environmental Science and Management > Bachelor in Psychology and Education: General > Bachelor in Psychology and Education : Speech and Language Therapy > Preparatory year for Master in Family and Sexuality Studies > Bachelor in Information and Communication > Bachelor in Economics and Management > Bachelor in Motor skills : General > Bachelor in Human and Social Sciences > Bachelor in Sociology and Anthropology > Bachelor in Political Sciences: General > Bachelor in History of Art and Archaeology : General > Bachelor in Mathematics > Bachelor in History > Bachelor in Biomedicine > Bachelor in Pharmacy > Bachelor in Religious Studies
Faculty or entity in charge:	PSP