

5.0 credits	24.0 h + 36.0 h	1q
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Teacher(s) :	SOMEBODY ; Vandewoestijne Sofie ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	The different molecular methods (protein electrophoresis, DNA hybridization, restriction analyses, PCR-based methods) and their application in answering ecological questions will be explained in courses and illustrated by reading recent articles and by invited speakers who will tell about their own work. The practical work will be performed on material collected during the field work period at the beginning of the year.
Aims :	<p>The course aims to give an overview of molecular methods currently used in ecological and biodiversity research, including hands-on experience for a number of techniques that are often used. The students will learn which methods can be applied and what type of results can be obtained for different study objectives. They will be able to compare these methods and give advantages and disadvantages.</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>
Other infos :	Precursory courses A basic knowledge of population genetics Evaluation Lab reports, written assignments Support Lecture notes, scientific articles
Cycle and year of study :	> Master [60] in Biology > Master [120] in Biology of Organisms and Ecology
Faculty or entity in charge:	BIOL