

Theoretical basis of sport and physical activity training, and theoretical basis of motor learning

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

4 credits	45.0 h	Q1
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Teacher(s)	De Jaeger Dominique ;Hardwick Robert ;Marique Thierry (coordinator) ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	Sports training is a multifactorial structured process (content, methods, organization, evaluation, planification) that includes the learning of complex technical movements. The main topics presented in this teaching unit are : - part A (30h), the biological dimension : development of basic physical capacities of strength, speed, flexibility and cardiovascular endurance. - part B (15h), principal models in motor control and learning, motor learning variables, and practical applications will be presented.
Aims	<p>1 Part A : The students will understand the theoretical foundations of training strategies for improving performance in non competitive physical activities as well as in individual and collective sports. They will be able to correctly analyse usual practices in sports and physical activities. (part A) Part B : the students will acquire theoretical references in motor learning, useful for their professional practices.</p> <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>
Content	1. Introduction 2. The sporting performance 3. The process of drive 4. Principles of drive 5. Methodology and planning of drive 6. Physiological bases of drive 7. The drive of physical qualities basic 8. The drive of the driving and cognitive skills 9. Determinants of the performance
Other infos	Pre-requisite Evaluation Support Supervision Others
Faculty or entity in charge	FSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Motor skills : General	EDPH1BA	4	LIEPR1002 AND LIEPR1003 AND LIEPR1007 AND LEDPH1008	