

The version you're consulting is not final. This course description may change. The final version will be published on 1st June.

4.00 credits

30.0 h

Q2



This learning unit is not being organized during this academic year.

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	<ul style="list-style-type: none"> • Fundamentals of research: principles of falsification, refutability, ... • Epistemology of research, ontology and epidemiology • General principles of research and logical sequence: theory, research question, methods, results and discussion • Qualitative/quantitative research • Methods and tools for identifying quality scientific sources in English and appropriate documentary sources in the fields of motor sciences • Methods and tools for citing sources in accordance with current bibliographic standards in the motor sciences and intellectual property. • Types of study in the motor sciences • Research biases • Limits of science
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ul style="list-style-type: none"> • Describe the basic principles of scientific research and the key stages of the scientific process in the field of motor sciences (2.1, 2.4 and 7.4) • Describe the fields of research in the motor sciences (2.1) • Identify similarities and differences between fields of research (e.g. qualitative and quantitative research) in the field of motor science (2.1.) • Explain how to identify and cite appropriate and relevant documentary sources (2.2. and 2.5.) • Describe and identify the limits of science and its biases (2.4)
Other infos	This course is strictly reserved for FSM students. It is not open to other UCLouvain students.
Faculty or entity in charge	FSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Motor skills : General	EDPH1BA	4	LFSM1103	