

2.00 credits

22.5 h + 7.5 h

Q1

Teacher(s)	Bleyenheuft Yannick ;
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"> <li>• Types of empirical data (qualitative and quantitative)</li> <li>• Types of data collection methods (experiments, case studies, surveys, interviews, documents, focus groups, observations)</li> <li>• Research ethics in data collection: anonymity, confidentiality, etc.</li> <li>• GDPR</li> <li>• Analysis of bias (appropriate scales depending on the study design) and the validity of data collection methods</li> <li>• Choice of variables: link between the variable, hypotheses, scales, and data collection</li> <li>• Querying databases (Pubmed, Medline, Embase, etc.)</li> </ul>
Learning outcomes	<p><b>At the end of this learning unit, the student is able to :</b></p> <ul style="list-style-type: none"> <li>• Describe the basic principles and steps of data collection in the field health sciences (6.1, 9.2)</li> <li>• Describe the different types of data in the field of motor science/health (6.1)</li> <li>• Describe the different types of data collection methods in the field motor skills health (6.1)</li> <li>• Identify biases in data collection and a scientific article using the appropriate scales (6.2, 6.3)</li> <li>• Carry out a critical synthesis of a few scientific articles (&lt;5) on a health problem (6.3)</li> </ul>
Other infos	This course is reserved for FSM students. Access is possible to other UCLouvain students on the basis of an application to be submitted to the course coordinator.
Faculty or entity in charge	FSM

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	2	LFSM1103 AND LKNR1101	