


4.00 credits	37.5 h	Q1
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Teacher(s)	Duque Julie ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	<ul style="list-style-type: none"> • Importance of developing critical thinking • Stereotypes, biases and preconceptions in the field of motor science • Speech decoding • Evaluation of the quality of sources • Process and limits of the scientific approach • Introduction to the different fields of research in motor science • Introduction to the concepts of data, data analysis, representation (descriptive analysis of data: concept of sample, indicators of average, dispersion, etc.) and interpretation of data • Introduction to the concepts of statistics and level of significance.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ul style="list-style-type: none"> - Decode the biases and mechanisms at work behind our stereotypes (9.3 and 11.1 physiotherapist) / (7.3 and 9.1 EP) - Identify how the staging of content can manipulate us (9.3 physiotherapist and 11.1 physiotherapist) / (7.2 and 9.1 EP) - Determine the reliability of information and its source (6.3 physiotherapist and 11.1 physiotherapist) (2.2 and 7.2 and 9.1 EP) - Describe the type of sources and the type of literature (6.1 and 6.3 physio) / (2.1; 2.4 and 7.2 EP) - Explain and illustrate the place and limits of science today (6.3 physiotherapist and 11.1 physiotherapist) / (2.4 and 9.1 EP) - Describe the concept of scientific approach and the different types of reasoning (6.1. physiotherapist) / (2.1 EP) - Describe and illustrate the fields of research in the field of motor skills (6.1–2.1) - Interpret scientific data and their graphic representations. (6.1-6.3-11.1 Physio – 2.1 and 2.3EP)
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		
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	4		