UCLouvain

liepr1028

2019

Anatomy of the locomotor system and movement analysis

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.

7 credits 52.5 h + 7.5 h Q2

Teacher(s)	Behets Wydemans Catherine (coordinator) ;Louis Marc ;Willems Patrick ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	Main themes The main themes are: - the detailed description of the joints, their muscles and the corresponding nerves - the movement analysis of each joint: axes, ranges, facilitations and limitations.
Aims	The student will gain a space perception of the various components of the locomotor system as well as their nervous control. He or she will be able to consider the specific mobility of each anatomical region and to functionnally integrate all the components of the same movement. 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".
Content	Content and teaching method - Anatomy of the locomotor system (bones, joints, muscles, peripheral nerves) Movement analysis of each joint Analysis of postures and dynamic gesture Practical work: analysis of bones.
Bibliography	Syllabus Cahier d'ostéologie
Other infos	Prerequisite: Essentials of systematic and functional anatomy (IEPR1002) and Mechanics and biomechanics (IEPR1005). Evaluation: MCQ Support: notes, atlas, anatomical pieces, websites.
Faculty or entity in charge	FSM

Programmes containing this learning unit (UE)						
Program title	Acronym	Credits	Prerequisite	Aims		
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	7		•		
Bachelor in Motor skills : General	EDPH1BA	7		•		