

Faculty of Medicine



IEPR1000 Locomotor system anatomy and motion analysis

[52.5h+7.5h exercises] 7 credits

This course is not taught in 2006-2007

Teacher(s): Catherine Behets Wydemans (coord.), Marc Louis
Language: French
Level: First cycle

Aims

The student will get into the spatial perception of the various components of the locomotor system and its nervous control. This will lead to the understanding of specific mobility of the various anatomical structures. The student will then become able to bring together all the functional elements contributing to a motion.

Main themes

- Anatomical data of the locomotor system (osteology, arthrology, myology, neurology) in order to facilitate further learning in psychomotricity and reeducation.
- Joint motion analysis.
- Static (postures) and dynamic (sporting activities) analysis.
- Observation of anatomical pieces and palpation of their landmarks on the living being.

Content and teaching methods

Will be completed by the titular professor when the courses will be attributed

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Pre-requisite Essential systematic and functional anatomy and Mechanics and biomechanics
 Evaluation Written evaluation
 Support Anatomical pieces - atlases - CD-roms
 Supervision Teachers and student assistants
 Others

Other credits in programs

MESP31DS	Première année du diplôme d'études spécialisées en médecine (7 credits) du sport	Mandatory
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