

## Faculty of Medicine



### IEPR1002 Essentials of systematic and functional anatomy

[45h] 6 credits

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

#### Aims

The course unit covers basic morphological knowledge needed to construct spatial perception of the anatomical systems. The student will be able to describe precisely the organ localization, its tri-dimensional configuration as well as its form-function relationship. These anatomical concepts are relevant as pre-requisite for other courses of the curriculum (such as physiology, semiology and pathology).

#### Main themes

There are two main topics:

- the fundamental anatomical concepts, (spatial references, nomenclature rules, regions and systems, anatomical landmarks,#)
- the general description of the systems.

The human body will be rebuilt on a system basis, with particular emphasis on the form-function relationship and on the topographic-functional organ interactions.

Content :

- general concepts
- osteo-articular system, muscles and locomotion function
- nervous system, sensory organs and sensorimotor function
- heart, vessels and the circulation
- thoracic and abdominal viscera, respiratory tract, digestive and urogenital functions.

Methods : lectures and anatomical illustrations. The course will tend to grade the anatomical data and to consider them from functional, medical, paramedical or sport points of view.

#### 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

Evaluation Written evaluation

Support Textbooks - anatomical pieces- atlases - CD-roms

Supervision teachers

Others

#### Other credits in programs

<b>EDPH11BA</b>	Première année de bachelier en sciences de la motricité	(6 credits)	Mandatory
<b>KINE11BA</b>	Première année de bachelier en kinésithérapie et réadaptation	(6 credits)	Mandatory