UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Anatomy of The Locomotor System

2223-1-I0201D129-I0201D106M

Aims

Knowledge of the principal components of the skeleton, muscular system, joints and ligaments will be required.

Contents

The course will provide the anatomical basis to understand the functional organization of the locomotor system

Detailed program

- Classification and microscopic characteristic of the bones - Classification and macroscopic characteristics of the muscles, tendons fasciae and sheaths; bone growth, modification of muscles during life and modifying factors
- Head: general architecture, skeletal segments, joints, muscle groups and their function - cranial fossae
- Vertebral column: general architecture, vertebral joints, ligaments, muscle groups and their functions
- Scapular girdle: general architecture, skeletal segments, joints, ligaments, muscle groups and their functions
- Upper limbs: general architecture, skeletal segments, joints, ligaments, muscle groups and their functions
- Thorax: general architecture, skeletal segments, joints, ligaments, muscle groups and their functions
- Abdominal wall: general architecture, muscular groups, inguinal ligament, inguinal tract
  -Lower limbs: general architecture, skeletal segments, joints, ligaments, muscle groups and their functions

Prerequisites

College-level scientific knowledge

Teaching form

Lessons in attendance, subject to any ministerial changes following the COVID pandemic situation

Textbook and teaching resource

- Rezzani et al. Anatomia funzionale dell’apparato locomotore. Ed Piccin
- Vercelli et al, Anatomia Umana Funzionale. Minerva Medica
- Martini, Tallitsch, Nath ANATOMIA UMANA. EdiSES
- Saladin, ANATOMIA UMANA. Ed Piccin
- Gilroy et al, Prometheus. Atlante di anatomia. EdiSES
- Anastasi et al Anatomia Umana – Atlante. Edi-ermes

Semester

1st term

Assessment method

Described in the subject's syllabus

Office hours

Mon-Fri by appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING