UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Anatomy of The Locomotor System

2223-1-I0202D134-I0202D101M

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

Frontal lessons and practical activities using 3D models

Textbook and teaching resource

A. Vercelli, Anatomia Umana Funzionale, Minerva Medica

Martini, Anatomia Umana, Edises

Semester

1st term

Assessment method

Multiple choice written test, with the possibility to assess the level of competence by means of oral examination.

Office hours

Mon-Fri by appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING