

## COURSE SYLLABUS

### **Anatomy of The Locomotor System**

2223-1-I0201D129-I0201D106M

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#### **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

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