



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Human Anatomy

2324-1-I0101D001-I0101D004M

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#### Aims

The student will learn and describe the human body organization and the anatomic terminology. To know and describe the organ macro and microscopic anatomy and their relationships.

#### Contents

The course provides students with the fundamental theoretical knowledge of anatomy, with a view to their subsequent professional application. The course aims to teach the morpho-functional characteristics, organization and macroscopic and microscopic structure of the organs of the different systems/apparatus of the human body

#### Detailed program

General anatomy - Anatomical terminology; planes, lines and anatomical landmarks; terms of movement; principles of organization of the human body: cells, tissues, organs, systems, systems; serous spaces and connective spaces, their location and content. Locomotor system - Classification of bones, muscles and joints. Joints: description of the different types of synarthrosis and diarthrosis. Skull: neurocranium and splanchnocranium. Description of the bones that make up these two parts. Skull in the newborn. Drinking fountains. Cranial fossae and main foramina with structures passing through them. Cranial sutures. Description of the bones that contribute to the formation of the orbital cavity and nasal cavity. Sinuses. Skull joints. Mimic and masticatory muscles. Vertebral column: characteristics of the different types of vertebrae and regional differences. Spine joints. Spine muscles. Neck: overview and muscles of the neck. Thorax: bone structure of the rib cage (sternum, ribs and thoracic vertebrae) rib joints and costal cartilages; chest muscles, respiratory muscles, especially the diaphragm muscle. Upper limb: shoulder girdle (clavicle and scapula) and free part (humerus, radius ulna). Main characteristics of the various bones. Joints of the upper limb (shoulder girdle and free part). Muscles of the thoracic girdle, shoulder,



For the texts, the latest edition available.  
Teacher will provide other educational material.

## **Semester**

1st year, 1st Semester

## **Assessment method**

The Anatomy exam, evaluated out of thirty, consists of two parts:

1. 40 multiple-choice quizzes (of which only one correct answer) which can concern any part of the apparatus/systems listed in the programme. Each correct answer is worth 0.7 points. If the answer is wrong or omitted, this question is evaluated 0 points.
2. An open answer which has as its object an organ belonging to one of the apparatuses/systems listed in the programme. This open answer has an evaluation ranging from 0 to 4 points.

If you do not answer the open question, the exam is not considered valid

## **Office hours**

On appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION

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