UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# COURSE SYLLABUS

# Anatomy and Human Histology

**2122-1-H4101D002**

## Aims

The objectives of the course are to provide expertise in normal anatomy, cytology, histology, embryology. Teaching will include reference to topographic, radiologic, and clinical anatomy.

Practical activities using models (also virtual 3D), light microscope observations and clinical case simulations will be used to reach the teaching objectives.

## Contents

The primary goal of the course is to provide a good knowledge of the embryonic development, of the gross anatomy and microscopic organization of the human body, and of the aging changes required for a correct physical examination and understanding of the diseases pathogenesis.

## Detailed program

See each module for specific detailed programs

## Prerequisites

College-level scientific knowledge

## Teaching form

Lessons, seminars, laboratory practice, interactive and problem-solving laboratories, clinical case simulations

Virtual dissections will be performed using the 3D anatomy visualization system for anatomy Anatomage

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

If it will not be possible to activate "in presence" practical activities, the educational material will be posted on the e-learning website.

## Textbook and teaching resource

See each module for specific textbook and teaching resources

## Semester

1st +2 nd terms

## Assessment method

The examination is intended to test students' knowledge acquired in different modules of the course.

A mid-course assessment is scheduled for the end of the first semester, by a multiple choice quiz focused on Cytology, Histology, Embryology, head, and neck and thoracic region anatomy (nervous system and vascular system excluded) and musculoskeletal system.

At the end of the Course an oral examination is employed to test students' knowledge and it will follow a practical demonstration at the light microscope of the capacity of the student to recognize the normal microscopic features of human organs.

During the exam anatomical models and diagnostic images might be used to assess students' knowledge.

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

## Office hours

Mon-Fri, by appointment