



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### **Anatomia, Istologia ed Embriologia Generali e dell'Apparato Stomatognatico**

2021-1-H4601D002

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#### **Aims**

The student must have a general understanding of cell structure and tissues, and a precise knowledge of the microscopic anatomy of the organs. The student must know the physiological anatomo-functional relationships of the cranio-cervico-mandibular complex to learn to identify dysmorphic and/or dysfunctional conditions that determine the occurrence of malocclusion or dysfunctional pathologies of the stomatognathic apparatus. Also, the analysis of the gnato-postural relationships extends the dentist's knowledge to postural system.

#### **Contents**

The course aims to provide students with theoretical knowledge to learn the macroscopic and microscopic organization of the human body, and the mechanisms and the changes through which this organization is achieved during embryonic development. In addition the course aims to provide the knowledge of the descriptive and functional anatomy of the cranio-cervico-mandibular complex, in order to assess the dysfunctional aspects and their clinical consequences that recognize in altered stomatognathic functions an etiopathogenic element.

#### **Detailed program**

See each module

#### **Prerequisites**

College-level scientific knowledge

## **Teaching form**

Frontal lessons, seminars, practical activities.

During the Covid-19 emergency, lessons will be provided in presence (according to the rules given by the

University) and in streaming. The link will be uploaded in the E-learning platform, as well as the recorded

lessons.

The lessons of cytology, histology, and embryology will be provided by in streaming lessons. The link to join

the lessons will be uploaded in the E-learning platform, as well as the recorded lessons.

During the Covid-19 emergency, in case of impossibility to provide the practical experiences in presence,

learning material will be made available online on the e-learning platform. The microscopic anatomy

laboratories will be provided in streaming.

## **Textbook and teaching resource**

See each module

## **Semester**

1st + 2nd terms

## **Assessment method**

A mid-course assessment is scheduled for the end of the first semester, by a multiple choice quiz focused on Cytology, Histology, Gross Anatomy. Moreover, the knowledge of microscopic anatomy will be assessed by the identification of a histological slide.

At the end of the course, the assessment will be based on an oral examination focused on Head Anatomy.

During the Covid-19 emergency oral exams will be performed only online, using Esamionline platform for the written examination and the WebEx platform (with a public link on E-learning) for the oral one.

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

## **Office hours**

Mon-Fri, by appointment

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