



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Human Anatomy and Stomatognathic System II

2122-1-H4601D002-H4601D007M

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#### Aims

Knowledge of the general anatomy and basic of the anatomy of the stomatognathic apparatus

#### Contents

Knowledge of the general features of the normal anatomy necessary to understand the basis of pathological changes

#### Detailed program

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#### *Central nervous system*

Basic concepts on nervous system development.

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Ventricular system: cerebral ventricles, their location and relationships, communication with subarachnoid space.  
Cerebrospinal fluid (CSF): composition, circulation and functions.

Meninges: architecture and functions.

Basic knowledge of the main sensory and motor pathways: s\_\_\_\_\_

### ***Peripheral nervous system***

Cranial nerves, spinal nerves (plexuses) and their territory of innervation.

### ***Autonomic nervous system***

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### ***Laboratories***

To deepen and to reinforce the lectures' topics, gross anatomy laboratories will be provided. During this interactive teaching, students will use anatomy models, as well as they will be guided in the solution of quizzes and easy clinical cases, in small groups and under the supervision of the teacher.

In particular, by using anatomy models, students will recognize the main features of s\_

Besides that, multimedia sources and 3D virtual models will be used to further improve anatomy knowledge.

Exam simulations will also be performed with multiple choice questions and/or open questions.

### **Prerequisites**

College level scientific knowledge

### **Teaching form**

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

### **Textbook and teaching resource**

- G. Barbatelli e altri autori. Anatomia Umana. Fondamenti. Con istituzioni di istologia. Edi-Ermes

- G. Anastasi e altri autori. Trattato di Anatomia Umana (3 volumi). Edi-Ermes (ed), 2009.
- "Prometheus" testo-atlante di Anatomia, II edizione, 3volumi
- S. Standring. Anatomia del Gray – Le basi anatomiche per la pratica clinica – 41° ed. EDRA
- Ellis H, Mahadevan V. Anatomia Clinica - Edizione italiana a cura di F. Cappello - Idelson-Gnocchi (2019)
- Rezzani R, Rodella LF. Anatomia microscopica e diagnosi differenziale d'organo. EdiSES
- Mescher AL. Junqueira, istologia di base: Testo e atlante. Piccin
- Young B. Wheather, istologia e anatomia microscopica. Edra-Masson

Atlanti:

- Netter. Atlante di Anatomia umana, Frank H. Netter, Editore: Edra
- Anatomia umana. Atlante. Curatori: G. Anastasi, C. Tacchetti, Editore: Edi. Ermes

## **Semester**

1st and 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.

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

## **Office hours**

Mon-Fri by appointment

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