



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Human Anatomy, Histology and Embriology of Stomatognathic Apparatus

2627-1-H4602D001

---

#### Aims

The student must have a general knowledge of cell structure and tissues, as well as a detailed knowledge of the normal anatomy of all the organs and structures that constitute the systems of the human body.

#### Contents

The course aims to provide students with theoretical knowledge to learn the macroscopic and microscopic organization of the organs and structures of the human body, their embryonic development and the pathological changes occurring in diseases.

#### Detailed program

See each module

#### Prerequisites

College-level scientific knowledge

## Teaching form

Frontal and interactive lectures, practical laboratory activities, virtual dissections.

## Textbook and teaching resource

Histology:

- Ross M.H. e Pawlina W. Istologia Testo e atlante. Casa Editrice Ambrosiana
- Di Primio et al., Istologia Umana, Casa Editrice Idelson-Gnocchi
- S. Adamo et al. Istologia di Monesi. Piccin. V

Histology and Embriology of Tooth:

- Ten Cate. Istologia Orale. Piccin

Embriology:

- Bertini et al., Embriologia umana. Casa Editrice Idelson-Gnocchi
- Moore, Perseaud, Torchia. Embriologia. L'essenziale. Piccin
- De Felici et al., Embriologia Umana, Piccin

Microscopic anatomy:

- Wheather. Istologia e anatomia microscopica. Ed. Masson
- Mescher AL. Junqueira, istologia di base: Testo e atlante. Piccin
- Ross M.H, Pawlina W. Atlante di Anatomia microscopica. Casa editrice ambrosiana
- Ovalle W.K, Nahimey P.C. Anatomia microscopica del Netter. CIC Edizioni Internazionali
- Rezzani R, Rodella LF. Anatomia microscopica e diagnosi differenziale d'organo. EdiSES

Anatomy:

- 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)
- "Prometheus" testo-atlante di Anatomia, II edizione, 3volumi
- Stranding S.. Anatomia del Gray – Le basi anatomiche per la pratica clinica – EDRA
- Ellis H, Mahadevan V. Anatomia Clinica - Edizione italiana a cura di F. Cappello - Idelson-Gnocchi

for further reading on Nervous System:

- Vercelli A. Boido M. Neuroanatomia funzionale - Idelson-Gnocchi - II edizione

Atlas:

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

## Semester

2nd term of the 1st year

## Assessment method

Student learning will be assessed through a final exam administered at the end of the semester. The exam will include a comprehensive test covering key topics in Histology, and General Anatomy, with the exception of the Peripheral Nervous System.

The exam will have 45 multiple choice questions and an open-ended question about the central nervous system. The open question is worth up to 5 points; for multiple choice questions, each correct answer is worth 0,6 points, each wrong answer or no date is worth 0 points, except for the question on the dental histology, for which wrong answer or no date worth -1 point. The test is overcome with a minimum score of 18/30, which gives access to the assessment of the knowledge of microscopic anatomy, by the identification of a histological slide, with a score ranging from -2 to +2 points.

## **Office hours**

Mon-Fri, by appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY

---