



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Organs and Functions

2526-1-I0302D003

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#### Aims

The general educational goals of the integrated teaching of "Organs and Functions" are aimed at providing the student with the essential theoretical knowledge of cytology and histology, of normal human anatomy, also through the use of optical microscopes, and of the physiological functioning of organs and systems of the human body with a view to their subsequent professional application.

#### Contents

Through the various modules, the course aims to teach: the cellular structure, the morpho-functional characteristics of tissues (Histology module), the organization and macroscopic and microscopic structure of the human body (Anatomy module), the knowledge of basis of the functional mechanisms of the biological phenomenon integrated in normal conditions and the fundamental tools for interpreting the conditions of pathological alteration (Physiology module).

In the perspective of their subsequent professional application, the course also provides the theoretical and practical knowledge for the recognition of a histological preparation under the optical microscope.

#### Detailed program

[View specific modules](#)

#### Prerequisites

Scientific knowledge at high school level

## **Teaching form**

Teaching takes place in attendance, with frontal lessons and practical session in both frontal and interactive modes (see the individual modules).

## **Textbook and teaching resource**

Textbook and teaching resources to view in the specific modules

## **Semester**

First semester

## **Assessment method**

Written exam with multiple choice questions to evaluate preparation on the exam program.

Open questions to evaluate, in addition to preparation on the topics covered, the ability to organize knowledge in a short discussion and communication skills in a disciplinary context.

Oral/practical test to evaluate the student's ability to recognize a histological specimen under an optical microscope  
See the specific modules for the specific mode adopted.

## **Office hours**

From Monday to Friday upon request for an appointment via email.

Head of teaching Gabriella Nicolini (gabriella.nicolini@unimib.it).

For the teachers of the different modules see the individual modules.

## **Sustainable Development Goals**

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

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