



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Organs and Functions

2627-1-I0305D002

Aims

Knowledge and understanding

The integrated course of “Organs and Functions” provides students with the knowledge and understanding of the concepts of cytology and histology, of normal human anatomy, and of the physiological functioning of human organs and systems, with a view to their subsequent professional application.

Applying knowledge and understanding

The integrated course of “Organs and Functions” provides students with applied knowledge and understanding through the study of regional anatomy by means of interpreting radiological images.

Contents

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

The course also provides the student with the essential theoretical knowledge of radiological anatomy (conventional radiology, computed tomography and magnetic resonance imaging), with a view to their subsequent professional application, with particular reference to the thorax, abdomen, pelvis.

Detailed program

Refer to specific modules

Prerequisites

Scientific knowledge at secondary school level

Teaching form

Teaching takes place in attendance, with lessons in both frontal and interactive modality (see individual modules).

Textbook and teaching resource

Textbooks and atlases reported in individual modules

Semester

First semester

Assessment method

Written exam with closed-answer test (multiple choice) to evaluate preparation on the exam programme; 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
See individual modules for the specific modality adopted

Office hours

From Monday to Friday upon request for an appointment via email.
Teaching managers: Gabriella Nicolini (gabriella.nicolini@unimib.it).
See the individual modules for relevant teachers.

Sustainable Development Goals
