COURSE DETAILS

"HUMAN ANATOMY I"

SSD BIOS-12/A

DEGREE PROGRAMME: MEDICINE AND SURGERY (P11)

ACADEMIC YEAR 2025-2026

GENERAL INFORMATION – TEACHER REFERENCES

COORDINATOR: FRANCA DI MEGLIO

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Faculty	Position	Scientific Fields:	Phone 746-	Reception (day/time/building)	E-mail
Di Meglio Franca	Associate Professor	Human Anatomy	3409	Mon 14.00-16.00 Bldg.20	franca.dimeglio@unina.it
Romano Veronica	RTDB	Human Anatomy	3508	Wed 11.00-13.00 Bldg.20	veronica.romano@unina.it

GENERAL INFORMATION ABOUT THE COURSE

TEACHING LANGUAGE: ENGLISH
YEAR OF THE DEGREE PROGRAMME: II
SEMESTER: I
CFU: 4

REQUIRED PRELIMINARY COURSES

None

PREREQUISITES

For the proper understanding of the topics discussed in Human Anatomy course, students should have acquired general knowledge on the cell and tissue structure and biology.

LEARNING GOALS

The human anatomy course discusses the normal structure of the human body and provides the foundations of gross and microscopic anatomy required to pursue further medical education and clinical training. Human Anatomy I program comprises the study of the systemic gross and microscopic anatomy, vessels, nerves and functions of the organs of the skeletal, cardiovascular, lymphatic systems.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Students will gain the ability to appreciate and describe the three-dimensional and multi-level complexity of human body, to describe the topography, vascularization, innervation, and structure of organs using the correct international anatomical terminology, to understand and appreciate the inextricable link between normal structure and function of human organs and systems.

Knowledge and understanding

The student will know the official anatomical terminology and normal human anatomy at the macroscopic and microscopic level and will understand the relationships between organs and between organ systems at different levels of organization.

Applying knowledge and understanding

The student will be able to examine and describe the structure of the human body using anatomical terminology, describe the relationships between organs by analyzing them from a topographic and functional point of view, indicate the surface projection of organs at the basis of the clinical examination, recognize and describe the organs by observing histological sections and correlate their structure with the functional specializations at the tissue and cell level.

COURSE CONTENT/SYLLABUS

1. Regions of human body; anatomical terminology, position and planes
2. Skeletal, articular and muscular systems (axial and appendicular skeleton, joints, muscles)
3. Peripheral nervous system (nerve fibers, spinal nerves, ganglia and plexuses)
4. Topographic anatomy of mediastinum
5. Heart and pericardium
6. Vascular system (arteries, veins, lymphatic trunks and ducts)
7. Lymphoid organs (macroscopic and microscopic anatomy of thymus, spleen and lymph node; regional lymph nodes)

READINGS/BIBLIOGRAPHY

Moore KL, Dalley AF, Agur AMR. Clinically oriented anatomy. LWW
Drake R, Vogl AW, Mitchel AWM. Gray's anatomy for students. Elsevier
Ross MH, Pawlina W. Histology - text and atlas. LWW

TEACHING METHODS

For the teaching of Human Anatomy, the teacher will use a) frontal lectures for 80% of total hours and b) laboratories to further elaborate on applied knowledge for 20 % of total hours.

EXAMINATION/EVALUATION CRITERIA

The final exam consists of a written test and an oral test. The written test will consist of 30 multiple choice questions. The students who pass the written test (minimum score of 18/30) can proceed to taking the oral test.

The oral component tests the mastery of the official anatomical terminology and the ability to use it correctly to describe the gross and microscopic anatomy of the organs of the skeletal, articular, muscular, cardiovascular, lymphatic, and peripheral nervous systems, also taking into consideration the structural and functional relationships between them.

a) Exam type:

Exam type	
written and oral	
only written	X
only oral	
project discussion	
other	

In case of a written exam, questions refer to: (*)	**Multiple choice answers**	X
	Open answers	
	Numerical exercises	

b) Evaluation pattern:

This field needs to be filled in only when there are different weights among written and oral exams, or among modules if this refers to an integrated course.

SCHEDULE OF THE COURSE
HUMAN ANATOMY I
Academic year: 2025-2026; II Year, 1° Semester

Week	Day Hour	Prof.	Formal Lectures
2 October 6th - 10th	6th 13-15.30 9th 13-15.30 10th 13-15.30	Di Meglio Di Meglio Di Meglio	Anatomical terminology; introduction to locomotor system. Neurocranium. Viscerocranium Vertebral column - bones, joints and muscles
3 **October** 13th – 17th	13th 13-15.30 16th 13-15.30 17th 13-15.30	Di Meglio Di Meglio Di Meglio	Muscles of neck. Thorax –bone, joint and muscles Abdominal wall and inguinal canal Upper limb- bones, joints
4 October 20th – 24th	20th 13-15.30 23rd 13-15.30 24th 13-15.30	Di Meglio Di Meglio Di Meglio	Upper limb – muscles Lower limb – bones, joints Lower limb – muscles
5 October 27th – 31st	27th 13-15.30 30th 13-15.30 31th 13-15.30	Romano Romano Romano	Mediastinum. Introduction to cardiovascular system. Heart. Pericardium. Pulmonary circulation. Systemic circulation: aorta and its branches.
6 Nov 3rd - 7th	3rd 13-15.30 6th 13-15.30 7th 13-15.30	Romano Romano Romano	Superior and inferior vena cava and their tributaries Portal vein system. Upper and lower limbs – vessels Lymphatic System. Lymphatic vessels, primary and secondary lymphatic organs and lymph node groups
7 Nov 10th- 14th	10th 13-15.30 13th 13-15.30	Di Meglio Di Meglio	Introduction to peripheral nervous system. Cervical plexus. Brachial, lumbar and sacral plexus.

TEXTBOOKS

Moore KL, Dalley AF, Agur AMR. Clinically oriented anatomy. LWW
Drake R, Vogl AW, Mitchel AWM. Gray's anatomy for students. Elsevier
Ross MH, Pawlina W. Histology - text and atlas. LWW
Vanderah TW, Gould DJ. Nolte's The human brain. Elsevier