Universidad Zaragoza

Academic Year/course: 2023/24

26765 - Human Anatomy II (Splanchnology)

Syllabus Information

Academic year: 2023/24
Subject: 26765 - Human Anatomy II (Splanchnology)
Faculty / School: 104 - Facultad de Medicina
229 - Facultad de Ciencias de la Salud y del Deporte
Degree: 304 - Degree in Medicine
305 - Degree in Medicine
ECTS: 6.0
Year: 2
Semester: First semester
Subject type: Compulsory
Module:

1. General information

The subject deals with the macroscopic study of the viscera of the human body, in the absence of

pathology. The knowledge of the shape, situation and location of all the organs of the body, as well as their structure, vascularization, innervation and neighbouring relationships with the rest of the organs and tissues, provides students with the basic knowledge for the study and diagnosis of the pathologies that affect the human being.

These approaches and objectives are aligned with the Sustainable Development Goals (SDGs) of the 2030 Agenda of United Nations (https://www.un.org/sustainabledevelopment/es/), specifically, the learning activities planned in this subject will contribute to the achievement of Objectives 4,3 and 4.5 of Goal 4 and Objective 5.5 of Goal 5: Gender Equality.

2. Learning results

To observe, describe and distinguish with macroscopic methods and imaging techniques the structure of the apparatuses and systems (cardiovascular, digestive, reproductive, excretory, respiratory and endocrine) taking into account the differences between sexes and in different stages of life.

The student, in order to pass this subject, must demonstrate the following results...

1. Express themselves with the correct anatomical terminology.
2. Identify in the anatomical piece the bony, cartilaginous, muscular, nervous, vascular and visceral components of the splanchnic systems.
3. Describe the main anatomical elements.
4. Describe the main functions of the components of the visceral systems.
5. Describe anatomical structures with imaging techniques.
6. Respect the practice material and especially that which comes from human remains.
7. Actively participate in learning anatomy.
8. Identify the deficiencies in anatomy that may arise in certain learning and professional situations.

The study of anatomy requires the use of cadavers, which makes it necessary to propose objectives that are sometimes difficult to quantify, since they are related to attitudes of respect towards the person, their remains, the practice material and certain handling skills.

3. Syllabus

The theoretical program consists of 31 topics divided into 5 thematic blocks, organized mainly by devices and systems, or according to topographical criteria, as the case may be: Cardiovascular, respiratory, digestive, genital, urinary and endocrine systems.

The practical program will be based on the anatomical dissection of the cadaver in coordination with the theoretical content, focusing on the study of those structures that can be demonstrated in natural parts, after performing a dissection with non-specialized means: scalpel, forceps and osteotome. As support material, models and reconstructions of the contents of the body cavities are available.

4. Academic activities

- Master class (expository theory). 30 hours
- Practical classroom: Demonstration on the anatomical specimen of the knowledge developed in the theoretical class, learning dissection skills and participating in the dissection of the cadaver. Two types of practices can be carried out: tutoring class for monitor students and practices directed by monitor-students. The participation as a monitor student is mandatory on a rotating basis. 15 hours

- Individual and group teaching assignments: Individual portfolio. Presentation and defence of a group work in in coordination with Histology 2. 42 hours
- Personal study. 60 hours
- Assessment tests. 3 hours

5. Assessment system

They will consist of:

I. **Mixed system**, which is composed of the following assessment activities:

-Learning assessed in the dissection room by interview with the student in front of the anatomical specimen and portfolio. The attitudes will be explored in the dissection room by observing the students' behaviour among themselves and with the practice material (10% of the grade).

-Group work coordinated with Histology 2 (10% of the grade).

-Final written test, consisting of multiple choice questions (5 alternatives): 1 true and 4 false); and images for identification of structures and organs. Every 4 negative answers can subtract 1 correctly answered question (minimum 5 out of 10, 80% of the final grade)

Attendance to the practices is mandatory. ***Students with more than 5 absences will be evaluated by the simple system***

II. **Simple system,** based on a global final test consisting of two parts:

-Final written test. The same as described in the mixed system (minimum 5 out of 10, 60% of the grade)

-Practical exam in dissection room consisting of recognition and description of anatomical structures (minimum of 5 questions) on cadaver or cadaveric specimens (minimum 5 out of 10, 30% of the grade)

-Optional group work in coordination with Histology 2 (10% of the grade)