

Academic Year/course: 2021/22

25641 - Human Anatomy II

Syllabus Information

Academic Year: 2021/22

Subject: 25641 - Human Anatomy II

Faculty / School: 127 - Facultad de Ciencias de la Salud

Degree: 605 - Degree in Physiotherapy

ECTS: 6.0

Year: 1

Semester: First semester

Subject Type: Basic Education

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The teaching-learning process of this subject is based on the following methodologies:

- Exhibition and participatory classes
- Demonstration room practices
- Theoretical and practical seminars
- Exhibition of individual or group works
- Review of works
- Tutorials
- Preparation of papers

4.2. Learning tasks

Theoretical class: 40 hours

Face-to-face theoretical classes, fulfilling the percentage of students stipulated by the Covid measures required at all times.

All classrooms where carried out will be equipped with a streaming camera that will facilitate students who are not present, follow the teaching in a synchronous way.

Seminars: 5 hours

The seminars of the subject will be held on-line and will consist of the dissection of an organ, according to the subject, which will be recorded and sent to the students by Moodle. This dissection will have to be performed and recorded by the students and then sent on the dates indicated to be determined yet. Only if the sanitary circumstances allow it, such seminars would be held in the dissection rooms of the building of Medicine A

Practical classes: 10 hours

The practices will be carried out in person and not face-to-face, in which a practice notebook will be prepared. In the case of not being able to do the face-to-face practices due to the sanitary hygienic measures assigned by the government at the time, they will be carried out following the tutorials that will be posted on the Moodle platform.

The practice notebook will be delivered, complete, of the practice classes following the templates that will be previously downloaded from Moodle, where they will be hung with sufficient time for the follow-up of these practices (face-to-face or online tutorials).

The date of presentation will be stipulated within the days following the completion of the last practice and the date of the final examination of the subject.

Student group work: 5 hours

As for group work, groups of 5 to 10 students will be established (depending on the circumstances) and a working topic will be assigned to each group. The works will be delivered by email in PowerPoint format.

Self-employment of the student 85 hours (non-face-to-face)

Tutorials

The realization of tutorials between the professors and the students will be carried out by videoconference or email by appointment and within the indicated schedules and still to be established.

4.3. Syllabus

1. NERVOUS SYSTEM: Generalities of the nervous system. CNS: Spinal cord, Brain. SNP: Nerves spinal or spinal. Cranial nerves. Main nerve conduction pathways. nervous system vegetative or autonomous. meninges. Cerebrospinal fluid. Vascularization of the Central Nervous System.

2. CARDIOCIRCULATORY SYSTEM: Heart. blood vessels. lymphatic system.

3. RESPIRATORY SYSTEM: Airways. Bronchial tree. Lungs and pleurae. mediastinum.

4. DIGESTIVE SYSTEM: Mouth. Salivary glands. pharynx. oesophagus. stomach. small intestine. large intestine. liver. pancreas.

5. UROGENITAL SYSTEM: Kidneys. Ureters. Urinary bladder. urethra. Male genital tract. Female genital tract.

6. ENDOCRINE SYSTEM: Endocrine glands.

8. SENSES: Somatic sensitivity: receptors. Special senses: sight, hearing, balance, smell and taste.

4.3. Program 1.

1. NERVOUS SYSTEM: Generalities of the nervous system. CNS: Spinal cord, Brain. SNP: Spinal or spinal nerves. Cranial nerves. Main nerve conduction pathways. Vegetative or autonomic nervous system. meninges. Fluid cerebrospinal. Vascularization of the Central Nervous System.

2. CARDIOCIRCULATORY SYSTEM: Heart. blood vessels. lymphatic system.

3. RESPIRATORY SYSTEM: Airways. Bronchial tree. Lungs and pleurae. Mediastinum.

4. DIGESTIVE SYSTEM: Mouth. Salivary glands. pharynx. oesophagus. stomach. small intestine. large intestine. liver. pancreas.

5. UROGENITAL SYSTEM: Kidneys. Ureters. Urinary bladder. urethra. Male genital tract. Female genital tract.

6. ENDOCRINE SYSTEM: Endocrine glands.

8. SENSES: Somatic sensitivity: receptors. Special senses: sight, hearing, balance, smell and taste.

4.4. Course planning and calendar

Theoretical classes in large group or 2 groups (depending on the health regulations in force due to Covid): 3h/week.

Face-to-face practices and seminars will be held according to the established schedules.

Delivery of the practice notebook: at the end of the semester and practical exam (if the practical evaluation is not passed throughout the course).

Final Exam in the official calls of January and June

The planned training activities will be carried out in person in the classrooms and rooms designated by the Center.

In case conditions change, and if instructions are received from the academic authorities, the activities will be modified and adapted to carry them out in non-face-to-face mode using the online resources of the University of Zaragoza, which will be notified in good time.

4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=25641>