

Academic Year/course: 2022/23

25401 - Human Anatomy

Syllabus Information

Academic Year: 2022/23

Subject: 25401 - Human Anatomy

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

275 - Escuela Universitaria de Enfermería de Huesca

375 - Escuela Universitaria de Enfermería de Teruel

Degree: 559 - Degree in Nursing

560 - Degree in Nursing

561 - Degree in Nursing

ECTS: 10.0

Year: 1

Semester: Annual

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 methodology followed in this subject includes:

-Expository and participatory lectures: these are participatory master sessions supported by a selected iconography. They are made to the whole group.

-Practical classes: sessions are held in practice rooms in small groups (18 students). There they have removable models, bone pieces, sheets, atlases, videos, etc.

-Individual preparation of a practice notebook: each student will prepare a notebook with drawings, diagrams, etc. where the most relevant contents of each of the practical sessions are captured.

-Tutorials: students will be able to attend tutorial sessions with the teachers of the subject at the previously established times.

-Autonomous study or work of the student: personal study of the contents referred to in the theoretical classes, practices, seminars, etc. Use of bibliographic resources. Use of computer resources.

The total teaching load of this subject is 10 ECTS, 250 hours (100 hours), of which 80 hours correspond to theoretical classes and 20 hours to practical activities, both taught throughout the 2 semesters. So that each teaching group (each student) receives 3 theoretical hours and 1 practical hour per week. The rest of the hours correspond to the student's personal work, tutoring and evaluation.

The hours will be established by the center for each academic year.

4.2. Learning tasks

The activities offered to the student to help him achieve the expected results include the combination of theoretical classes, practical sessions in small groups, preparation of an individual practice notebook, tutorials

and personal study.

This is a 10 ECTS (250hours) course organized as follows:

- **Lectures** (80 hours). Whole group sessions of 50 minutes each one. The professor will explain the theoretical contents, sessions supported by a selected iconography.
- **Practice sessions** (20 hours). sessions are held in practice rooms in small groups (18 students). There they have demountable models, bone pieces, sheets, atlases, videos, etc. They are sessions of participation or discussion on the theoretical knowledge based on cooperative learning or resolution of clinical cases integrated with other subjects.
- **Preparation of a practical notebook:** each student will prepare a notebook with drawings, diagrams, etc. where the most relevant contents of each practice session.
- **Tutorials:** students may attend tutoring sessions with the teachers of the subject at the times previously established.
- **Autonomous work.** Time devoted to study the course contents and prepare the sessions and assignments. Use of bibliographic resources. Use of computer resources.

4.3. Syllabus

The course will address the following topics:

ANATOMY:

-Concept and terminology. Anatomical position and orientation.

RESPIRATORY SYSTEM:

-Respiratory tract. Bronchial tree. Lungs and pleura. Mediastinum

CARDIOVASCULAR SYSTEM:

-Heart. Major blood vessels. -Lymphatic system

DIGESTIVE SYSTEM:

-Mouth. Salivary glands. Pharynx. Esophagus. Stomach. Small intestine. Large intestine.

-Liver. Biliary tract. Pancreas. Spleen. Peritoneum.

URINARY SYSTEM:

-Kidneys. Ureters. Urinary bladder. Urethra.

MALE GENITAL SYSTEM:

-Testicle and epididymis. Sperm pathways. Penis. Prostate and bulbourethral glands.

FEMALE GENITAL SYSTEM:

-Ovaries. Tubes Uterus. Vagina. Vulva. Mammary gland.

GENERAL EMBRYOLOGY:

-Gametogenesis. Fertilization. Embryonic and fetal development. Placenta.

GENERAL HISTOLOGY:

-Weaving concept. Epithelial tissue. Conjunctive tissue. Muscle tissue. Nervous tissue. -Integumentary system: skin.

LOCOMOTOR SYSTEM:

-Skeletal system. -Joints. -Muscular system.

SENSES:

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

NERVOUS SYSTEM:

-CNS: spinal cord, brain.

-Major nerve conduction pathways.

-Vegetative or autonomic nervous system.

-Meninges. Cerebrospinal fluid.

-PNS: spinal or spinal nerves. Cranial nerves.

ENDOCRINE SYSTEM:

-Endocrine glands.

4.4. Course planning and calendar

Calendar of face-to-face sessions and presentation of works The teaching and evaluation calendar will be adjusted to the teaching periods and examination periods established in the academic calendar of the 2022-23 academic year, approved by the University of Zaragoza and adapted to the Faculty of Health Sciences.

The internship notebooks will be delivered at the end of each practical session for their corresponding assessment. The partial exams will be done at the end of each semester. And the final exams on the dates of official announcements approved by the center.

Activities: The system designed for the study of this subject includes theoretical classes, consisting of participatory lectures supported by a selected iconography, and practical sessions held in small groups that have demountable models, bone pieces, sheets, atlases, videos, etc. . and consist of sessions of participation or discussion on theoretical knowledge, problem-based learning, case resolution, cooperative learning, etc.

Both are taught throughout the academic year. Key dates:

-Delivery of the internship notebook: at the end of each session.

-Partial exams: at the end of each semester.

-Official final exam: 1st call in May and 2nd call in June

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the "Facultad de Ciencias de la Salud" website and the Degree website (<http://fcs.unizar.es>)

4.5. Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=2540>