

## 25401 - Human Anatomy

### Syllabus Information

**Academic Year:** 2019/20

**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:** 281 - Degree in Nursing

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

### 1.1.Aims of the course

### 1.2.Context and importance of this course in the degree

### 1.3.Recommendations to take this course

## 2.Learning goals

### 2.1.Competences

### 2.2.Learning goals

### 2.3.Importance of learning goals

## 3.Assessment (1st and 2nd call)

### 3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

## 4.Methodology, learning tasks, syllabus and resources

### 4.1.Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. It favors the acquisition of knowledge related to human physiology and human health. A wide range of teaching and learning tasks are implemented, such as:

MD1: Expository and participatory lectures

MD2: Practical classes

MD13: Individual preparation of a field diary

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.

- Theoretical classes: they are masterful participatory sessions supported by a selected iconography. The whole group (80 students) is made.
- Practical sessions: sessions are held in practice rooms in small groups (16 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.
- Study or autonomous 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.

## 4.3.Syllabus

The course will address the following topics:

### Unit I

Anatomy : Terminology, anatomical position and orientation.

General embryology: Fertilization. embryonic and fetal development

General Histology: epithelial, connective, muscular and nervous basic tissues. Integumentary system.

### Unit II

Locomotor System. Osteology: axial skeleton and appendicular skeleton. Arthrology: joint structure and classification. Myology: naming and location.

### Unit III

Splanchnology. Cardiovascular system: heart, major blood vessels. Lymphatic system. Respiratory system: respiratory tract, bronchial tree, lungs, pleura and mediastinum. Digestive system: mouth, pharynx, esophagus, stomach, small intestine, large intestine, salivary glands, liver, pancreas, peritoneum. Urinary system: Kidneys, ureters, urinary bladder, urethra. Female genital tract and Male genital tract. Endocrine system.

### Unit IV

Neuroanatomy and esthesiology. Nervous system: generalities; central nervous system, spinal cord and brain; peripheral nervous system, spinal or cranial nerves and spinal nerve. Main routes of nerve conduction. vegetative or autonomic nervous system. Meninges and cerebrospinal fluid. Senses: somatic sensitivity, receptors and special senses, sight, hearing, balance, smell and taste.

## 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 2018-19 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 semester 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 the semester.
- Partial exams: at the end of each semester.
- Official final exam: 1st call in June and 2nd call in September

## 4.5.Bibliography and recommended resources