

25401 - Human Anatomy

Syllabus Information

Academic year: 2023/24

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

The study of Human Anatomy provides a clear and precise knowledge of the structures that make up the human body, their organization, their arrangement in different regions and the relationship between their form and function, reaching a global and integrated vision of the macro and microscopic structure of the human body.

It is considered a **basic subject** in the academic training of the nurse and provides the morphological basis to understand the human being in its normality.

It is taught in the first year of the degree and is annual in nature.

The subject load is **10 ECTS** (250 hours), of which 80 hours correspond to theoretical classes and 20 hours to practical activities, taught throughout the academic year at a rate of **3 hours of theory and 1 hour of practice per week**. The remaining hours correspond to the student's personal work, tutorials and evaluation.

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/>), since Human Anatomy is essential to base the subsequent knowledge of the rest of the degree and different phenomena that can reflect and analyse the degree of achievement of all the SDG goals.

2. Learning results

Define the concept of anatomy and anatomical position.

Know how to translate the systems of planes and axes of space to the human body.

Use the Anatomical Nomenclature to refer to the position of the organic structures in the body context.

Know the basic notions of human embryonic development.

Identify the basic tissues of the organism and describe their components and varieties.

Identify and describe bones, types of joints and the muscles that move them.

Identify and describe the viscera, organs and structures that make up the different apparatuses and systems of the human organism (respiratory, cardiovascular, digestive, urinary, genital, senses, nervous system) in terms of their morpho-functional characteristics, location and main topographical relationships.

Obtain, analyse, summarize and interpret information related to Human Anatomy.

Integrate morphological and functional knowledge as a support for future disciplines of the Nursing Degree.

3. Syllabus

ANATOMY: Anatomical concept, position and terminology.

RESPIRATORY SYSTEM: Respiratory tract. Lungs. Mediastinum

CARDIOVASCULAR SYSTEM: Heart. Blood vessels. Lymphatic vessels

DIGESTIVE SYSTEM: Mouth. Salivary glands. Pharynx. Oesophagus. Stomach. Small and large intestine. Liver. Biliary routes. Pancreas. Spleen. Peritoneum.

URINARY SYSTEM: Kidneys. Ureters. Urinary bladder. Urethra.

MALE GENITAL SYSTEM: Testicle. Epididymis. Spermatic pathways. Penis. Associated glands.

FEMALE GENITAL SYSTEM: Ovaries. Tubes. Uterus. Vagina. Vulva. Breasts

GENERAL EMBRYOLOGY: Gametogenesis. Fertilization. Embryonic and foetal development. Placenta.

GENERAL HISTOLOGY: Concept and types of fabric.

INTEGUMENTARY SYSTEM: Skin

LOCOMOTOR SYSTEM: Bones. Joints. Muscles.

SENSES: general receptors. Special senses: sight, hearing, balance, smell and taste.

NERVOUS SYSTEM: -CENTRAL: Spinal cord. Encephalon. Main nerve conduction pathways. vegetative NS Meninges. CSF. -

PERIPHERAL: Spinal and cranial nerves.

ENDOCRINE GLANDS

4. Academic activities

The methodology followed in this subject includes:

- Expository and participative classes:** participative lectures supported by selected iconography. 80 hours.
- Practical sessions:** sessions for small groups in a practice room with removable models, , bone pieces, plates, atlases, etc. 20 hours.
- Individual elaboration of a practice notebook:** each student will elaborate a notebook with drawings, diagrams, etc. where the most relevant contents of each of the practical sessions can be shown.
- Tutorials:** at the student's request.
- Independent study or work by the student.**
- Evaluation:** mid-term exams at the end of each semester and final comprehensive exam.

5. Assessment system

-**Evaluation of the practical sessions:** (20% of the final grade)

-Attendance and preparation of a practice notebook.

If more than 20% of the practical sessions are missed, a practical exam must be taken.
It is essential to pass the practical part in order to pass the subject

-**Evaluation of the theoretical part:** (80% of the final grade):

-**Mid-term exams:** voluntary mid-term exams at the end of each semester. They will consist of 50 questions, with 5 answer options and only one of them will be correct. A pass mark of 5 (pass) out of 10 will be achieved with 32 correct answers. These tests will be of an eliminatory nature only until the 1st official call.

-**Final exam:** The overall test will consist of 80 questions, each with 5 answer options of which only will be correct and it will be necessary to obtain at least 52 correct questions to pass the exam. 52 right answers correspond to a grade of 5 (pass) out of 10.

If the student has passed the 2 mid-term exams, they does not have to take this exam. Otherwise, they must take the exam on the pending part. If in the ordinary evaluation test one of the 2 mid-term exams is failed, in the second call, the student must take the exam for the whole subject.

The grade of the theoretical part is obtained by means of the average of the 2 mid-term exams, provided that both are passed (with a minimum grade of 5) or, in case that the student takes the whole subject, by means of the grade of the final exam-

This grade represents 80% of the final grade. The remaining 20% corresponds to the practical evaluation.

In the evaluation and activities, the characteristics of the center where the degree is taught will be taken into account for Huesca and Teruel, always ensuring the acquisition of competencies.