

25640 - Human Anatomy I

Syllabus Information

Academic Year: 2020/21

Subject: 25640 - Human Anatomy I

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

Degree: 605 - Degree in Physiotherapy

ECTS: 9.0

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

4.2.Learning tasks

4.3.Syllabus

25640 - Human Anatomy I.

4.3. Program

SUBJECT PROGRAM

Unit 1: Anatomy: Introduction and Generalities.

Theme 1.1: Anatomy. Concept and historic references. Anatomic posture. Corporal sprindles and corporal planes. Anatomical nomenclature and terminology.

Theme 1.2: Peripheral nervous system. Spinal nerves: Components, branches and

nervous plexus.

Unit 2: Locomotor apparatus. Trunk and neck.

Theme 2.1: Vertebral column. Vertebrae. Sacrum and coccyx. Column as a whole.

Theme 2.2: Pelvic girdle. Coxal bone.

Theme 2.3: Bones of the thoracic cage. Ribs. Sternum.

Theme 2.4: Joints and ligaments of the vertebral column.

Theme 2.5: Joints and ligaments of the thoracic cage.

Theme 2.6: Muscles of the back. Muscles of the nape of the neck.

Theme 2.7: Muscles of the neck.

Theme 2.8: Muscles of the thoracic wall. Respiratory muscles. Diaphragm.

Theme 2.9: Muscles of the abdominal wall. Muscles of the pelvic floor.

Theme 2.10: Vessels and nerves of trunk and neck.

Unit 3: Locomotor apparatus. Lower limb.

Theme 3.1: Bones of the lower limb: Femur. Rotula. Tibia. Fibula.

Theme 3.2: Bones of the lower limb: Bones of the foot.

Theme 3.3: Pelvis joints and pelvis ligaments.

Theme 3.4: Hip joint. Muscles of the hip.

Theme 3.5: Muscles of the thigh.

Theme 3.6: Knee joint.

Theme 3.7: Tibiofibular joints. Ankle and foot joints.

Theme 3.8: Muscles of the leg. Muscles of the foot.

Theme 3.9: Vessels of the lower limb.

Theme 3.10: Nerves of the lower limb.

Unit 4: Locomotor apparatus. Upper limb.

Theme 4.1: Bones of the upper limb: Scapular girdle. Humerus.

Theme 4.2: Bones of the upper limb: Bones of the forearm and hand.

Theme 4.3: Joints and muscles of the scapular girdle.

Theme 4.4: Shoulder joint. Muscles of the shoulder.

Theme 4.5: Elbow joint. Radioulnar joints. Muscles of the arm.

Theme 4.6: Wrist joint. Joints of the hand.

Theme 4.7: Muscles of the forearm.

Theme 4.8: Muscles of the hand.

Theme 4.9: Vessels of the upper limb.

Theme 4.10: Nerves of the upper limb.

Unit 5: Locomotor apparatus. Head.

Theme 5.1: Skull bones. Skull vault and skull basis.

Theme 5.2: Facial bones. Orbit. Nasal cavity. Maxilla. Mandible.

Theme 5.3: Temporomandibular joint. Muscles of the mastication. Suprahyoid muscles.

Theme 5.4: Facial muscles. Mimic muscles.

4.4.Course planning and calendar

4.5.Bibliography and recommended resources

<http://psfunizar10.unizar.es/br13/egAsignaturas.php?codigo=25640&Identificador=C71759>