UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Promozione della Salute, Materno-Infantile, di Medicina Interna e Specialistica di Eccellenza “G. D’Alessandro”
ACADEMIC YEAR	2024/2025
BACHELOR'S DEGREE (BSC)	NURSING
SUBJECT	HUMAN ANATOMY WITH ELEMENTS OF HISTOLOGY
TYPE OF EDUCATIONAL ACTIVITY	A
AMBIT	10304-Scienze biomediche
CODE	15916
SCIENTIFIC SECTOR(S)	BIO/16
HEAD PROFESSOR(S)	MARINO GAMMAZZA ANTONELLA Professore Associato Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	5
INDIVIDUAL STUDY (Hrs)	75
COURSE ACTIVITY (Hrs)	50
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	1
TERM (SEMESTER)	1° semester
ATTENDANCE	Mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	**MARINO GAMMAZZA ANTONELLA** Monday 15:00 17:00 Istituto di Anatomia Umana ed Istologia, Via del Vespro 129, 90127, Policlinico, Palermo.Tel. +39 09123865823. Si riceve soltanto con prenotazione tramite email Wednesday 10:00 12:00 Istituto di Anatomia Umana ed Istologia, Via del Vespro 129, 90127, Policlinico, Palermo.Tel. +39 09123865823. Si riceve soltanto con prenotazione tramite email

DOCENTE: Prof.ssa ANTONELLA MARINO GAMMAZZA

PREREQUISITES	The student must have basic knowledge of cell biology and simultaneously will face a study of the physiological mechanisms associated with different organs and apparatuses - Literacy competence: Literacy is the ability to identify, understand, express, create, and interpret concepts, feelings, facts and opinions in both oral and written forms, using visual, sound/audio and digital materials across disciplines and contexts. It implies the ability to communicate and connect effectively with others, in an appropriate and creative way.Individuals should have the skills to communicate both orally and in writing in a variety of situations and to monitor and adapt their own communication to the requirements of the situation. - Personal, social and learning to learn competence: Skills include the ability to identify one's capacities, focus, deal with complexity, critically reflect and make decisions. This includes the ability to learn and work both collaboratively and autonomously and to organise and persevere with one's learning, evaluate and share it, seek support when appropriate and effectively manage one's career and social interactions. Individuals should be resilient and able to cope with uncertainty and stress. They should be able to communicate constructively in different environments, collaborate in teams and negotiate. This includes showing tolerance, expressing and understanding different viewpoints, as well as the ability to create confidence and feel empathy. The competence is based on a positive attitude toward one's personal, social and physical well-being and learning throughout one's life.
LEARNING OUTCOMES	In accordance with Dublin descriptors, at the end of the course and for passing the exam: D1- KNOWLEDGE AND COMPLEMENTARY CAPACITY: The student will have to demonstrate a knowledge and understanding of both macroscopic (regional) and systematic (single) and microscopic human anatomy (morphofunctional and organ units that allow him to Set the discussion of the theoretical aspects in a logical and complete way, and also to make possible links between the subjects covered; D2- CAPACITY TO APPLY KNOWLEDGE AND COMPREHENSION: The student must demonstrate how to apply the knowledge acquired in dealing with problems in human anatomy. D3- AUTONOMY OF JUDICIARY: The student must have acquired such knowledge as to enable him to independently and motivate any different views on the problematic aspects of human anatomy. D4- COMMUNICATIVE SKILLS: The student must know how to pass on the acquired knowledge, clearly and comprehensively, exposing them with language and scientific terminology, organizing their own thoughts around the different themes of the course. D5 - LEARNING CAPACITY: Students should be able to examine and understand texts / scientific articles related to topics in Human Anatomy.
ASSESSMENT METHODS	The oral test consists of an interview aimed at assessing the possession of skills and knowledge provided by the course. The interview provides a minimum of three questions on all parties covered by the program, with reference to the recommended texts and with reference to the educational material provided by the teacher. The evaluation will be of thirty. It will be considered excellent (A; 30-30 laude) assessment that will reveal excellent knowledge of the topics, excellent display capacity, good analytical skills; very good (B; 26-29) the assessment that will reveal good mastery of the subjects, full ownership of the language; good (C, 24-25) the assessment that will reveal a basic understanding of the main topics, discrete properties of language; satisfactory (D; 21-23) the assessment that will reveal new knowledge, but not a full mastery of the main topics, a satisfactory property of language; sufficient (E; 18-20) the assessment that will reveal a minimum basic knowledge of the main issues, poor presentation skills; fail (F) the assessment that will reveal a knowledge of the main arguments unacceptable.Compensatory tools and dispensatory measures will be guaranteed by the Disability and Neurodiversity Center - University of Palermo (Ce.N.Dis.)- to students with disabilities and neurodiversity, based on specific needs and in implementation of current legislation.
EDUCATIONAL OBJECTIVES	Objective is to allow the acquisition of a suitable preparation of such discipline to a better understanding of the phenomena that are the basis of physiological and pathological processes to which it is facing the intervention of the nurse, both preventive and therapeutic. The acquired skills will allow the subject to be able to continue and deepen his knowledge by updating and continuing education.
TEACHING METHODS	The teaching methods will be carried out through frontal lessons The teaching methods will be carried out through frontal lessons The teaching methods will be carried out through frontal lessons.
SUGGESTED BIBLIOGRAPHY	

	Martini Tallish Timmons Anatomia Umana Edizione 2019 7ma edizione ISBN978-8833190259 Edises -SEELEY e VANPUTTE ANATOMIA UMANA con cenni di: Istologia – Fisiologia – Clinica 2018 5ta edizione ISBN8879477455 Idelson Gnocchi -Conconi, Rumio Principi di Anatomia Microscopica con cenni di Istologia e Anatomia Macroscopica 2018 ISBN 8833190064 Edises - Macchiarelli, Anatomia per le lauree triennali e magistrali III edizione, 2024, SORBONA ISBN 9788879478021

SYLLABUS

Hrs	Frontal teaching
2	Human anatomy -Introduction to Anatomy
4	Histological signs: epithelial tissue, connective tissue, muscle tissue
2	Integumentary system
4	Skeletal Apparatus: bone histological organization; compact and spongy bone; bone development and growth; junctions; appendicular and axial skeleton; anatomy of the skeletal segments (neurocranium and splanchnocranium (ethmoid, sphenoid, temporal, jaw, mandible, palatine bones)); vertebrae, sacrum and coccyx, sternum, shoulder girdle, humerus, ulna, radius, pelvis, femur, tibia, fibula with relative junctions.
8	Cardiovascular Apparatus: blood (plasma and figurative elements) vessels heart (topography, heart wall, internal configuration, vascularization, cardiac cycle, the conduction system, systemic and pulmonary circulation).
2	Lymphatic system (lymph vessels, lymph, lymphoid organs)
4	Respiratory Apparatus (upper and lower airways, trachea, bronchi, lungs and pleural cavities, breathing).
8	Digestive Apparatus (peritoneum, oral cavity, pharynx, esophagus, stomach, small intestine, large intestine, liver, pancreas, gall bladder).
2	Urinary Apparatus (kidneys, ureters, bladder, urethra)
2	Reproductive female apparatus (ovaries, fallopian tubes, uterus, vagina, mammary gland)
2	Reproductive male apparatus (testes, spermatic tract, glands).
2	Endocrine system (hypothalamus, pituitary, pineal, thyroid, parathyroid, thymus, adrenal gland)
8	Nervous system (nervous tissue, spinal cord, spinal nerves, meninges, telencephalon, diencephalon, midbrain, pons and medulla cerebellum, general sensitivity, eye and ear, motor and sensory pathways, autonomic nervous system)