
COURSE:Anatomy

ACADEMIC YEAR: 2015/2016

TYPE OF EDUCATIONAL ACTIVITY: affine-integrative

TEACHER: Prof. raimondo Battiloro

e-mail: **raimondobattiloro@tiscali.it**

website:

phone:

mobile (optional):

Language:**Italian**

**ECTS: 6 lessons and
tutorials****n. of hours: 48 lessons and
tutorials****Campus:Potenza
Dept./School:Dept. of Sciences
Program:Biotechnology****Semester: I**

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES

The course aims to provide students with the morphologic and structural knowledge of the human body and its correlation with the function; functional correlation between the various systems and devices.

PRE-REQUIREMENTS

To the students are required a satisfactory general knowledge of the main chemical components of living matter (carbohydrates, lipids, proteins, nucleic acids) and eukaryotic cells.

SYLLABUS

Cell structure; concept of organ tissue, and digestive system. Tissue classification; terminology and anatomical language. Skeletal System: Bones; joints and muscles. Skin and skin appendages. Cardiovascular System: Heart; blood vessels; systemic and pulmonary circulation. Blood; bone marrow; hematopoiesis; Lymphatic system; Lymphatic vessels and lymph nodes. Respiratory system: nose, pharynx and larynx; trachea; bronchi; Lung parenchyma; Pleura. Digestive system: oral cavity; pharynx; Esophagus Stomach; intestine; liver; pancreas; Gallbladder. Urinary system: Kidneys; ureters; Bladder. Male genitalia: the testes, spermatric tract and spermatogenesis. Female reproductive system: ovaries; uterus; Oogenesis and ovarian cycle. Endocrine: Pituitary; thyroid; parathyroid; adrenals; Timo. CNS and peripheral (cranial and spinal nerves); The senses and their organs: touch, taste, smell, sight and hearing.

TEACHING METHODS**Lectures**

EVALUATION METHODS**Oral examination. Evaluation: score on 30 points**

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL

**Martini F.H. Anatomia Umana ed. EDISES; Lanza G.G. et al. Anatomia umana normale;
Approfondimento: Testut e Latarjet Anatomia Umana UTET; Mountcastle Fisiologia Umana Piccin;
Fisiologia Scotto-Mondola Poletto..**

INTERACTION WITH STUDENTS

Teacher is available at all times for a contact with the students through e-mail.

EXAMINATION SESSIONS (FORECAST)¹**February 2017****March 2017****Avril 2017****May 2017****June 2017****July, 2017****September 2017****October 2017****November 2017****December 2017****January 2018**

¹Subject to possible changes: check the web site of the Teacher or the Department/School for updates.

SEMINARS BY EXTERNAL EXPERTS YES **X** ☐ NO ☐

FURTHER INFORMATION
