

---

**COURSE:Anatomy**

---

**ACADEMIC YEAR: 2018/2019**

---

**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)<sup>1</sup>****February 2019****March 2019****Avril 2019****May 2019****June 2019****July 2019****September 2019****October 2019****November 2019****December 2019****January 2020**

---

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

---

---

SEMINARS BY EXTERNAL EXPERTS    YES     NO

---

---

FURTHER INFORMATION

---