



GENERAL BIOLOGY, HUMAN ANATOMY AND PHYSIOLOGY

Enrollment year	2016/2017
Academic year	2016/2017
Regulations	DM270
Academic discipline	BIO/06 (COMPARATIVE ANATOMY AND CYTOLOGY)
Department	DEPARTMENT OF PHYSICS
Course	
Curriculum	Fisica biosanitaria
Year of study	1°
Period	1st semester (03/10/2016 - 20/01/2017)
ECTS	6
Lesson hours	48 lesson hours
Language	ITALIAN
Activity type	ORAL TEST
Teacher	NANO ROSANNA (titolare) - 3 ECTS FACOETTI ANGELICA - 3 ECTS
Prerequisites	Basic notions of the cell, intracellular organelles, tissues, organs and their function in general
Learning outcomes	Learning of basic concepts of Biology, Anatomy and Physiology
Course contents	<p>Cells are an organism's basic units of strycture and function.</p> <p>Organization of the Prokaryotic and eukaryotic cells</p> <p>The structural basis of the cellular information:DNA, chromosomes, mitosis and meiosis, RNA and proteic synthesis.</p> <p>The key roles of cell division; Apoptosis (programmed cell death), necrosis.</p> <p>Techniques of morphological and immunohistochemical staining.</p> <p>Epithelial, connectival, muscular, nervous tissue.</p> <p>Bone marrow, blood cells and immune system cells.</p> <p>Circulation system, digestive system, respiratory system.</p>

	Definition of tumor cell.
Teaching methods	=
Reccomended or required readings	Istologia (Ed Piccin) per i corsi di laurea in professioni Sanitarie S.Adamo, P.Comoglio, M.Molinaro,G.Siracusa.M.Stefanini, E.Ziparo.
Assessment methods	Oral examination
Further information	Oral examination
Sustainable development goals - Agenda 2030	\$lbl legenda sviluppo sostenibile