

SUBJECT TEACHING GUIDE

G2 - Anatomy and Human Embryology II

Degree in Medicine

Academic year 2019-2020

1. IDENTIFYING DATA					
Degree	Degree in Medicine			Type and Year	Compulsory. Year 1
Faculty	Faculty of Medicine				
Discipline	Basic Subject Area: Human Anatomy Morphology, Structure and Function of the Human Body				
Course unit title and code	G2 - Anatomy and Human Embryology II				
Number of ECTS credits allocated	6	Term	Semester based (2)		
Web					
Language of instruction	Spanish	English Friendly	No	Mode of delivery	Face-to-face

Department	DPTO. ANATOMIA Y BIOLOGIA CELULAR				
Name of lecturer	JUAN ANTONIO MONTERO SIMON				
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3.1 LEARNING OUTCOMES

- Learning of the language of the Anatomy
 - Identification and description of the shape and structure of tissues and organs of the respiratory, urinary, digestive reproductive, endocrine and immune systems.
 - Recognition and description of the blood vessels in the organs of the neck, thorax, abdomen and pelvis.
 - Knowledge and description of the embryonic development of the circulatory, digestive, respiratory, urinary, reproductive, endocrine and immune apparatus.

4. OBJECTIVES

Learning of the shape, structure and development of the human body.
 Learning of the general organization of the respiratory, digestive, urinary, reproductive, endocrine and immune apparatus.
 Learning of the arrangement, shape and structure of the organs of the respiratory system.
 Learning of the arrangement, shape and structure of the digestive organs.
 Learning of the arrangement, shape and structure of the urinary organs.
 Learning of the arrangement, shape and structure of the organs of the female and male reproductive system.
 Learning of the arrangement, shape and structure of the organs of the endocrine system.
 Learning of the arrangement, shape and structure of the organs of the immune system.
 Learning of embryonic development of the circulatory, respiratory, digestive, urinary, reproductive, endocrine and immune apparatus and systems.
 Acquisition of the following skills and attitudes: a) use of the scientific method as a way of thinking, getting the student used to the rigorous observation of anatomical structures, b) acquisition of the corresponding anatomical language; c) acquisition and use of practical skills to make observations about the appearance, shape and structure of organs and to make a description thereof; d) interpretation of anatomical structures by analysis of radiological, tomography and magnetic resonance images.

6. COURSE ORGANIZATION

CONTENTS

1	1 Descriptive and functional anatomy of the apparatuses and systems: respiratory; digestive; urinary; reproductive; endocrine; and immune
2	2 Topography and vascularization of the organs of the thoracic and abdominal cavities.
3	3 Embryonic development of apparatuses and systems.

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
The written exam will consist of 50 multiple choice questions. It is necessary to get 70% of the answers correct to pass the test and be eligible for the practical part. The global final mark is based up to 60% on this evaluation.	Written exam	No	Yes	60,00
The practical exam will consist of a test of recognition of anatomical structures in the dissecting room and requires 80% correct answers to be overcome. The global final mark is based up to 40% on this evaluation.	Laboratory evaluation	Yes	Yes	40,00
TOTAL				100,00
Observations				
The written exam will consist of 50 multiple choice questions. It is necessary to get 70% to pass the test and be eligible for the practical part. The practical exam will consist of a test of recognition of anatomical structures in the dissecting room and requires 80% correct answers to be overcome A continuous evaluation will be made for the students who wish it, by means of proposing several test on virtual platforms and/or short exercises in the classroom. Getting good marks will always lead to an improvement in the global final mark without negatively affecting the one obtained in the conventional practical and theoretical exams				
Observations for part-time students				
We will be as flexible as possible				

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

- Anatomía Humana (García-Porrero, JA y Hurlé JM). Panamericana. 2019.
- Anatomía Humana (García-Porrero, JA y Hurlé JM). McGraw-Hill. 2005.
- García-Porro J. A. y Hurlé J.M. (2010). EBOOK-Anatomia Humana McGraw-Hill/Interamericana.
- Prometheus Atlas de Anatomia (Gilroy et al). Panamericana 2011.
- Atlas de Anatomía Humana (Netter, FH).6ª Ed. Elsevier-Masson. 2015.
- Embriología médica de Langman (Sadler, TW). 13ªEd. Wolters Kluwer. 2016.
- Antes de Nacer (Moore, KL, Persaud TVN y Torchia MG). Panamericana 2017.
- Embriología Humana y Biología del Desarrollo. (Arteaga Martínez y García Peláez) Panamericana 2017.