SUBJECT TEACHING GUIDE

G1919 - Histology of Organs

Degree in Biomedical Sciences

Academic year 2026 - 2027

1. IDENTIFYING DATA					
Degree	Degree in Biomedical Sciences			Type and Year	Compulsory. Year 1
Faculty	Faculty of Medicine				
Discipline					
Course unit title and code	G1919 - Histology of Organs				
Number of ECTS credits allocated	6	Term		Semester based (2)	
Knowledge Field	Biomedical sciences				
Web					
Language of instruction	Spanish	English Friendly	Yes	Mode of delivery	Face-to-face

Department	DPTO. ANATOMIA Y BIOLOGIA CELULAR
Name of lecturer	MARTA ALONSO PEÑA
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Office	
Other lecturers	VICTOR JACINTO OVEJERO GOMEZ EMMA PENA ALONSO IÑIGO CASAFONT PARRA ANA ROSA PALANCA CUÑADO CRISTINA SANCHEZ FERNANDEZ MARIA MUÑOZ SAN MARTIN

4. OBJECTIVES

To familiarize students with the concept of the cell as an integrated unit of structural and functional organization of living beings.
To introduce students to the study techniques used for cells, tissues, and organs.
To familiarize students with the concept of the organ as an integrated system of tissue organization with a well-defined structural and functional identity.
To understand the structural organization and the cellular basis of organ physiology.
To understand the mechanisms of intercellular recognition, adhesion, and communication, and their importance in establishing stable cellular associations within tissues.
To introduce students to the cellular basis of the general regulatory and coordination systems that enable the integration of tissues and organs in a living organism.
To introduce students to the cellular and tissue bases of human pathology.

6. SUBJECT PROGRAM	
CONTENTS	
1	Blood
2	Red bone marrow
3	Lymphoid organs
4	Cardiovascular system
5	Respiratory system
6	Urinary system
7	Digestive system
8	Endocrine system
9	Male and female reproductive systems
10	Integumentary system
11	Mammary gland
12	Comparative histology
13	Practical session 1
14	Practical session 2
15	Practical session 3
16	Practical session 4
17	Practical session 5
18	Practical session 6
19	Practical session 7
20	Practical session 8
21	Practical session 9
22	Practical session 10
23	Theoretical and practical exam

7. ASSESSMENT METHODS AND CRITERIA				
Description	Type	Final Eval.	Reassessment	%
THEORETICAL AND PRACTICAL MULTIPLE-CHOICE EXAM with 40 questions, each with five options and only one correct answer. The maximum score will be 40 points. A minimum of 60% correct answers (24 points) is required to pass the assessment.	Written exam	No	Yes	40,00
At the end of the course, there will be a final assessment covering the second half of the theoretical content of the subject, which will also include a theoretical and practical exam. It will have the same characteristics as those described above.	Written exam	Yes	Yes	40,00
This assessment system is considered non-recoverable due to its continuous and formative nature throughout the course. This assessment is carried out during each of the practical sessions, as defined in the course organization and schedule.	Written exam	No	No	20,00

TOTAL	100,00

Observations
The FINAL GRADE FOR THE SUBJECT will be the result of the sum of the scores obtained in the three assessments. The maximum overall score will be 100 points, and a minimum score of 50 points is required to pass the subject. EXTRAORDINARY EXAM SESSION This will consist of a theoretical and practical exam covering ALL the theoretical course content, of the same type and with the same criteria as those applied in the first assessment and the final assessment. As indicated above, practical components are assessed through continuous evaluation and are not recoverable.
Observations for part-time students
The same criteria and conditions described above will apply.

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

1. HISTOLOGIA Y BIOLOGIA CELULAR. Kierszenbaum. Elsevier Saunder. Última edición.
2. WHEATER´S HISTOLOGIA FUNCIONAL: Ediciones Harcourt. Última edición.
3. ATLAS DE HISTOLOGÍA Y ORGANOGRAFÍA MICROSCÓPICA: Boya Vegue. Ed. Panamericana.
4. HISTOLOGÍA BÁSICA. Junqueira LC Carneiro J. Masson. Última edición.
5. HISTOLOGÍA. Geneser F, 4ª edición. Editorial Panamericana.