



## IDENTIFYING DATA

### Human anatomy: Human anatomy

Subject	Human anatomy: Human anatomy			
Code	P05G171V01101			
Study programme	Grado en Fisioterapia			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	9	Basic education	1st	1st
Teaching language	#EnglishFriendly Spanish			
Department				
Coordinator	Padín Iruegas, María Elena			
Lecturers	Padín Iruegas, María Elena			
E-mail	mepadin@uvigo.es			
Web				
General description	English Friendly subject: International students may request from the teachers: a) resources and bibliographic references in English, b) tutoring sessions in English, c) exams and assessments in English.			

## Training and Learning Results

Code	
A1	Students have demonstrated possession and understanding of knowledge in an area of study that builds on the foundation of general secondary education, and is usually at a level that, while relying on advanced textbooks, also includes some aspects that involve knowledge from the cutting edge of their field of study.
A2	Students are able to apply their knowledge to their work or vocation in a professional manner and possess the competences usually demonstrated through the development and defence of arguments and problem solving within their field of study.
A5	Students are able to convey information, ideas, problems and solutions to both specialist and non-specialist audiences.
B1	To know how to work in professional teams as a basic unit in which professionals and other personnel of health care organizations are structured in a uni or multidisciplinary and interdisciplinary way.
B2	Incorporate the ethical and legal principles of the profession into professional practice and integrate social and community aspects into decision making.
B3	Communicate effectively and clearly, both orally and in writing, with users of the health system as well as with other professionals.
B4	Acquire basic scientific training in research.
C6	Identify anatomical structures as a basis of knowledge to establish relationships dynamically with the functional organization.
C34	To know and understand the morphology, physiology, pathology and behavior of people, both healthy and sick, in the natural and social environment.
D1	Ability to communicate orally and in writing in Galician.
D4	Creativity, entrepreneurial spirit and adaptation to new situations.
D5	Developing leadership and organizational skills.
D7	Maintain an attitude of learning and improvement.

## Expected results from this subject

Expected results from this subject	Training and Learning Results			
1-To know the basic concepts for the knowledge of Anatomy (science, morphology, anatomy, kinesiology, relationship between form and function, ...), the division of Anatomy according to different criteria and its applications to degree studies	A1	B2	C6	D1
	A2	B3		D4
	A5			D7
2-Locate and identify the bones of the head, including their most relevant morphological features, and which give a greater functional contribution. Know the elements that make up each joint, as well as identify the type of joint and its generic mechanical characteristics. Know the main muscles.	A2	B3	C6	D4
	A5		C34	D7

3- Know and begin to master the basic anatomical terminology that allows the anatomical description.	A2 A5	B3	C6	D4 D7
4-Know the external morphology and the heart inner configuration.	A2 A5	B3	C6	D7
5- Master those morphological concepts will serve for the clinical understanding of the respiratory pathology and to understand the fundamentals of ventilatory assistance techniques.	A2 A5	B3	C6 C34	D7
6- Know the general organization and functionality of the nervous system	A2 A5	B3	C6 C34	D7
7-Master the macroscopic description. Identify the different parts and components. Set to morpho-functional correlation. Understand correctly the basic approaches and training in the handling of basic instruments and tools.	A2 A5	B1 B2 B3 B4	C6 C34	D4 D5 D7

## Contents

### Topic

Theoretical program	Generalities: human citology, histology and embryology . Locomotor System: head, neck, trunk and extremities. Heart and blood vessels. System Digestive ,respiratory, genitourinary systems, esthesiology, nervous system cranial peripheral. Nervous system of the autonomous life. Central nervous system.
Practical program:	Practices of citology and histology. Study of the different systems. Identification of structures in anatomic models

## Planning

	Class hours	Hours outside the classroom	Total hours
Laboratory practical	27	40	67
Lecturing	43	86	129
Objective questions exam	1	27	28
Systematic observation	40	0	40
Objective questions exam	1	27	28

\*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

## Methodologies

	Description
Laboratory practical	With these kinds looks for that serve to the student stop a better understanding of the theoretical knowledges.
Lecturing	The professor structure and/or explains the contents of the subject. Stop his study the students have of the presentations seen in the kind, in MOOVI and/or photocopies.

## Personalized assistance

Methodologies	Description
Lecturing	Orientation to the student envelope the contents of the subject. Resolution of doubts of personal way in the hours devoted to tutorials.
Laboratory practical	Orientation to the student envelope the contents of the practical. Resolution of doubts

## Assessment

	Description	Qualification	Training and Learning Results
Objective questions exam	Midterm exam: There will be a partial theoretical exam of the subject. The exam will consist of a test of objective questions with 5 options, without scoring negatively for incorrect answers. The percentage, with respect to the final grade, of this part will be 40% of it.	40	A1 B1 C6 D1 A2 B2 C34 D4 A5 B3 D5 B4
Systematic observation	Active participation of students to assimilate and understand the contents of the corresponding practice. Preparation and delivery of the sheets of the contents of the corresponding practice. The evaluation will be continuous taking into account the participation in the practices, the sheets delivered and the individualized oral questions that will be carried out throughout the practices.	20	A1 B1 C6 D1 A2 B2 C34 D4 A5 B3 D5 B4 D7

Objective questions exam	Final Exam: it will consist of a test of objective questions with 5 options, without scoring negatively for incorrect answers. The percentage, with respect to the final grade, of this part will be 40% of it.	40	A1 A2 A5	B1 B2 B3 B4	C6 C34	D1 D4 D5
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### **Other comments on the Evaluation**

Continuous assessment:

A partial theoretical exam of the subject will be carried out on the last day of the theoretical classes, during their usual hours. The exam will consist of a test of objective questions with 5 options, without scoring negatively for incorrect answers. To pass this theoretical test, 70% of correct answers must be obtained, which will be the equivalent of a score of 5.

The syllabus that will enter this exam will be in two parts of the same, to be agreed between the teacher and the students.

In those cases in which the partial exam is passed, that part of the subject will be approved and the student will only have to take an exam, in the first final test, of the rest of the subject. The approval will not be saved for second and successive opportunities.

Once this partial exam has been passed, you will not be able to go to the end to raise your grade.

The percentage, with respect to the final grade, of this part will be 40% of it.

The test will last 1 hour maximum.

In those cases in which the student decides not to attend the partial exam, the final exam grade will account for 70% of the final grade.

The exam will consist of a test of objective questions with 5 options, without scoring negatively for incorrect answers. To pass this theoretical test, 70% of correct answers must be obtained, which will be the equivalent of a score of 5.

The date of this test will be designated by the Faculty Board.

For students who have attended the partial, this second exam will account for 40% of the final grade. For those students who refuse to take the partial exam, the percentage will be 80% of the final grade.

Practices:

Practices will account for 20% of the final grade.

Attendance at practices is mandatory. Those students who do not attend practices will be given a practical oral exam with anatomical pieces on the second opportunity.

The practice groups will be established according to the rules established by the Faculty Board: "The practice groups will be carried out in alphabetical order, giving preference to the choice of the group to athletes recognized by the Health and Well-being Area; students with job responsibilities or relatives, and students with partial enrollment (always proving proof)

Two absences will be allowed (due to force majeure) that must be documented justified.

At the end of each practice, the content sheets must be handed in.

The evaluation will be continuous taking into account the participation in the practices, the sheets delivered and the individualized oral questions that will be carried out throughout the practices.

The same criteria will be maintained in successive calls.

The qualifications will be published in the virtual secretary.

GLOBAL EVALUATION (waiver of continuous evaluation):

In this case, partial evaluations will not be carried out, so that in the ordinary call the students will be evaluated as follows: Theoretical evaluations: 80% (examination of objective questions with 5 options, without scoring negative for incorrect answers. To pass this theoretical test, must get 70% correct answers, which will be the equivalent of a score of 5.).

20% Practical evaluation

Students who do not want to follow the continuous assessment must notify them in writing following the procedure established by the Faculty of Physiotherapy. The resignation to the continuous evaluation must be done in the 5th week of

teaching, which means that it will assume the global evaluation established in the subject. Once the continuous evaluation has been waived, there will be no right to it, nor to the considerations established in it.

#### EXTRAORDINARY EVALUATION- RECOVERY:

The students who have renounced the continuous evaluation and adhere to the global evaluation will have the same evaluation percentages as in the ordinary call in the global evaluation modality.

- The suspense rating will never be higher than 4.5. Therefore, it could be the case that a student obtains a grade of 5 out of 10 or higher in the overall assessment, taking into account the percentages of the assessment tests; however, if the student fails the theoretical or practical test separately, the grade in the global evaluation will fail.

- Students who do not want to follow the continuous assessment must notify it in writing following the procedure established by the Faculty of Physiotherapy. The resignation to the continuous evaluation must be done in the 5th week of teaching, which means that it will assume the global evaluation established in the subject. Once the continuous evaluation has been waived, there will be no right to it, nor to the considerations established in it

.The Teaching Guide will follow the REGULATION ON THE ASSESSMENT, QUALIFICATION AND QUALITY OF TEACHING AND THE STUDENT LEARNING PROCESS (Approved in the faculty on April 18, 2023), as well as the specific adaptations for the Degree in Physiotherapy determined by the Center Board .

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### Sources of information

#### Basic Bibliography

Paulsen F.; Waschke J., Sobotta atlas de anatomía humana, 24, Elsevier, 2018, **Sobotta atlas de anatomía humana**, 24, Elsevier, 2018

Lippert H., **Anatomía con orientación Clínica para estudiantes**, Marbán,, 2013

Netter Fh., **Atlas de Anatomía Humana**,, 8, Elsevier,, 2023

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Latarjet M; Ruiz Liard A., **Anatomía Humana**, 5, Panamericana, 2019

ALAN J. DETTON, GRANT., **MANUAL DE DISECCIÓN**,, 17, LIPPINCOTT WILLIAMS AND WILKINS. WOLTERS KLUWER H., 2021

Schünke M./Schulte E./Schumacher U., **Colección Prometheus. Texto y Atlas de Anatomía**,, 5, Panamericana, 2022

Loukas, Benninger & Tubbs., **Gray. Guía fotográfica de disección del cuerpo humano**,, 2, Elsevier, 2019

Drake R, Gray:, **Anatomía para estudiantes**,, 4, Elsevier, 2020

#### Complementary Bibliography

FAWCETT DW., **Tratado De Histología**,, 12, Interamericana Mc Graw Hill,, 1995

MOORE KL., **Anatomía con orientación Clínica**,, 9, Wolters Kluwer,, 2022

**Plataforma 3D Complete Anatomy**, Elsevier,,

**Atlas de Anatomía Humana 2020 Visible Body**, 2022

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### Recommendations

#### Other comments

Be registered in MOOVI (is the first time that does , the name of user and the password is the identity card). Have a direction of address-and, so every time that it give a warning, go up documentation, etc., it will communicate by this road to all users of the subject (students and professor).