



Universitat de Lleida

DEGREE CURRICULUM  
**PHYSIOPATHOLOGY 1**

Coordination: GOMEZ ARBONES, XAVIER

Academic year 2020-21

Subject's general information

<b>Subject name</b>	PHYSIOPATHOLOGY 1			
<b>Code</b>	102706			
<b>Semester</b>	1st Q(SEMESTER) CONTINUED EVALUATION			
<b>Typology</b>	<b>Degree</b>	<b>Course</b>	<b>Character</b>	<b>Modality</b>
	Double bachelor's degree: Degree in Physical Activity and Sports Sciences and Physiotherapy	2	COMMON	Attendance-based
	Double bachelor's degree: Degree Physiotherapy and Degree in Human Nutrition and Dietetics	2	COMMON	Attendance-based
	Bachelor's Degree in Physiotherapy	2	COMMON	Attendance-based
<b>Course number of credits (ECTS)</b>	6			
<b>Type of activity, credits, and groups</b>	<b>Activity type</b>	TEORIA		
	<b>Number of credits</b>	6		
	<b>Number of groups</b>	2		
<b>Coordination</b>	GOMEZ ARBONES, XAVIER			
<b>Department</b>	MEDICINE			
<b>Teaching load distribution between lectures and independent student work</b>	60 hours of face-to-face class and 90 hours of autonomous treball de l'alumne NOTE; Due to the pandemic, the face-to-face classes will be broadcast by videoconference, although some of them will remain as face-to-face			
<b>Important information on data processing</b>	Consult <a href="#">this link</a> for more information.			
<b>Language</b>	Catalan/Spanish			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
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## Subject's extra information

Physiopathology is the basis of the professional development of the general physiotherapist to obtain the sufficient capacity that the permeti conèixer, describe basically, program and treat physiotherapy health problems. Also identify health problems, with the need for referral and consultation with high professionals. The objective of the

subject is that the student will acquire the knowledge of the most common nosological entities in medical-surgical pathology related to the physiotherapist's activity.

The course is during the first semester of the academic course. The material is made up of different blocks: introductory general part, Pain, Surgery, Endocrinological Disorders, Cardiovascular Disorders, Digestive Disorders and Blood Disorders.

The subject is focused from a theoretical-practical point of view.

The material is structured in 6 ECTS, in different groups: Lleida and Igualada (check the current calendar on the web).

2020-21 course, due COVID-19, the Faculty has decided that the teaching will be on-line, so much of the sessions will be in a synchronous videoconference format through the CV and some will be in a face-to-face format. These directives can be modified and updated by new regulations. Possible modifications will be informed in CV.

- Lleida, Monday from 15:00 to 18:00 and Tuesday from 15:00 to 17:30 (some face-to-face)

- Igualada Friday from 9:00 a.m. to 1:30 p.m.

## Learning objectives

- To know the pathophysiology of diseases, identifying the manifestations that appear throughout their process.
- Assess the functional state of the patient, considering the physical, psychological and social aspects
- To know, in general, the medical and surgical treatments of the diseases, fundamentally in their physiotherapy aspects.
- Know the surgical material
- To intervene in the acts of promotion, prevention and recovery of the health.

## Competences

Specific competences of the Degree:

CE1 To know and understand the morphology, physiology, pathology and behavior of persons, healthy and ill, in the natural and social environment.

CE2 Know and understand the sciences, models, techniques and instruments on which the physiotherapy is founded, articulated and developed.

CE3 Understand physiotherapeutic methods, procedures and actions,

CE5 Assess the functional state of the patient, considering the physical, psychological and social aspects.

CE12 Act in the promotion, prevention, protection and recovery of health.

CE14 To carry out physiotherapeutic interventions

CE15 Understand the importance of updating the knowledge, abilities, skills and attitudes that integrate the professional competencies of the physiotherapist.

General skills of the Degree:

CG1 Communicate effectively and clearly, both orally and in writing, with the users of the healthcare system as well as with other professionals

CG2 Know how to work in professional teams

Transversal competences of the Degree:

CT1 Correction in the written and oral expression.

CT3 Domain of information and communication techniques

CT4 Respect of the fundamental rights of persons. Promotion of Human Rights and the values ??of a culture of peace and democratic values.

For more detailed information, go to the catalan or spanish guides, please.

## Subject contents

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## Methodology

The teaching methodology is aimed at the development of the student's learning through classes with the active participation of students, seminars, clinical cases and directed activities are also planned.

The classes will be supported with projections of iconography and computer presentations.

Attendance at lessons is strongly recommended.

The non-attendance activity is managed through the Virtual Campus (CV) of the UdL.

Automàtic translation: Information on the transmission and recording of personal data of teachers and students of the University of Lleida as a result of teaching in UdL facilities and at a distance

The University of Lleida informs that, depending on the changes to which it is obliged in accordance with the instructions of the health authorities, the provisions of the UdL or the assurance of the quality of teaching, it may transmit, record and use the image, voice or, where appropriate, the physical environment chosen by teachers and students, with the aim of teaching in UdL facilities or at a distance. In turn, it encourages the people affected so that, in the case of distance teaching, they choose the spaces that have the least impact on their privacy.

And, in general, it is recommended to opt preferably for interactions in the chat or without activating the camera, when teaching activities are not carried out that, due to their characteristics, require an oral or visual interaction.

The person responsible for the registration and use of this personal data is the University of Lleida –UdL– (contact details of the representative: General Secretariat. Plaça de Víctor Siurana, 1, 25003 Lleida; sg@udl.cat; data contact details of the data protection delegate: dpd@udl.cat).

This personal data will be used exclusively for the purposes inherent in the teaching of the subject. In particular, the recording fulfills the following functions:

- Provide access to online content and, where appropriate, asynchronous training.
- Guarantee access to content for students who, due to technological, personal or health reasons, among others, have not been able to participate.
- Constitute a study material for the preparation of the evaluation.

It is absolutely forbidden to use the data transmitted and the recordings for other purposes, or in areas outside the Virtual Campus, where they will remain archived, in accordance with the intellectual and industrial property policy of all content included on proprietary websites. of the UdL.

If there are any, the records will be kept for the time decided by the teacher, in accordance with strictly academic criteria, and, in all likelihood, must be removed at the end of the current academic year, in the terms and conditions provided for in the regulations on the

conservation and disposal of the UdL's administrative documents, and the document evaluation tables approved by the Generalitat de Catalunya (<http://www.udl.cat/ca/serveis/arxiu/>). This personal data is essential for teaching in the subject, and the definition of teaching procedures, especially that made at a distance, is a power of the UdL within the framework of its right to university autonomy, as provided for in Article 1.1 and Article 33.1 of Organic Law 6/2001, of 21 December, on Universities. For this reason, the UdL does not need the consent of the people affected to transmit or record their voice, image and, where applicable, the physical environment they have chosen, for this sole purpose, to teach. teaching in the subject.

The UdL will not transfer the data to third parties, except in the cases strictly provided for in the Law.

Affected people can access their data; request rectification, deletion or portability; oppose the treatment and request its limitation, provided that it is compatible with the purposes of teaching, by writing to the address [dpd@udl.cat](mailto:dpd@udl.cat). They can also submit a complaint to the Catalan Data Protection Authority, through the Authority's electronic office (<https://seu.apd.cat>) or by non-electronic means.

## Development plan

See the contents of the matter.

There are different groups, with teaching at Lleida or Igualada.

## Evaluation

- Activities and tests: 20%.

- Assessment test part 1: 43%. Written exam of multiple choice questions about the general part modules, endocrinology, surgery and pain.

- Assessment of exam part 2: 37%. Examination of multiple choice questions on digestive, cardiology and hematology modules.

See detailed information in Catalan guide

## Bibliography

### Books

-FARRERAS ROZMAN. MEDICINA INTERNA. Décimo Sexta Edición. ELSEVIER

-HARRISON: PRINCIPIOS DE MEDICINA INTERNA. 17ª Edición. McGrawHill

-LASO GUZMANFJ. Patología General. Introducción a la Medicina Clínica. Ed.Masson Barcelona 2004.

-MIQUEL FALGUERA. Història Clínica: una guia pràctica. Ed. Universitat de Lleida, 2000.

-LOPEZ DURAN I. Traumatología y Ortopedia. Ed. Luzán, 3ª Edición. Madrid 1998

-LOPEZ ALONSO A. Fundamentos de Ortopedia y Traumatología. Ed. Masson, Madrid 1999

### Journals and papers

During the course, additional information could be provided by each teacher of each of the modules or parts.

### Web references

-<http://wwwmedicine.com/specialties.htm>

- Web de la Sociedad Española de Geriatría: <http://www.segg.es/>

-PUBMED

-MEDLINE

-La Biblioteca Cochrane Plus.

-Web de la Sociedad Española de Reumatología: <http://www.ser.es/>

-Web de la Sociedad Española de Traumatología y Ortopedia: <http://www.secot.es>

-Web de la Sociedad Española de Neurología: <http://www.sen.es/>