



## Information about the subject

**Degree:** Bachelor of Science Degree in Occupational Therapy

**Faculty:** Faculty of Psychology

**Code:** 1123001 **Name:** Medical-surgical conditions III

**Credits:** 6,00 **ECTS Year:** 3 **Semester:** 1

**Module:** MEDICAL, SURGICAL AND PSYCHIATRIC AFFECTIONS

**Subject Matter:** Medical-Surgical Conditions **Type:** Compulsory

**Field of knowledge:** Health Sciences

**Department:** Occupational Sciences

**Type of learning:** Classroom-based learning

**Languages in which it is taught:** Spanish

**Lecturer/-s:**

1123

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## Module organization

### MEDICAL, SURGICAL AND PSYCHIATRIC AFFECTIONS

Subject Matter	ECTS	Subject	ECTS	Year/semester
Medical-Surgical Conditions	18,00	Medical-surgical conditions I	6,00	2/1
		Medical-surgical conditions II	6,00	2/2
		Medical-surgical conditions III	6,00	3/1
Psychiatry	6,00	Psychopathology and psychological treatments	6,00	3/1
Public Health	6,00	Public health, management and quality of care	6,00	4/2

## Recommended knowledge

It is recommended to have completed AMQ I and AMQ II previously.



## Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:

- R1 To know the main medical-surgical conditions on which the Occupational Therapist intervenes.
- R2 To know and properly use subject-specific terminology.
- R3 To use, interpret and critically evaluate scientific documents used in the study of medical-surgical conditions.
- R4 To use, interpret and critically evaluate scientific documents used in the study of medical-surgical conditions.
- R5 To acquire the ability to synthesize and explain basic concepts.



## Competencies

Depending on the learning outcomes, the competencies to which the subject contributes are (please score from 1 to 4, being 4 the highest score):

GENERAL		Weighting			
		1	2	3	4
CG3	To obtain and use epidemiological data and value trends and risks involved in the taking of health-related decisions		X		
CG9	To recognise the determiners of health on the population, the resources and multidisciplinary teams and the intervention actions, maintenance and promotion of health, at an individual level as well as that of community			X	
CG14	To know, select and apply the appropriate theories, the theoretical frameworks for reference, the models and methods of Occupational Therapy practice to choose or re-establish meaningful occupation, according to the health needs of individuals/populations (promotion of health, prevention and treatment).		X		
CG15	To cooperate with groups and communities to promote the health and wellbeing of their members through participation in meaningful occupation			X	
CG21	To listen actively, to obtain and summarise key information about occupational problems and demands of the individuals/populations and to understand the content of that information.			X	
CG22	To establish an assertive interpersonal communication with all the interlocutors that is relevant during the Occupational Therapy process.			X	
SPECIFIC		Weighting			
		1	2	3	4
CE59	To know and understand medical, surgical and psychiatric knowledge applicable to the human being in all stages of the cycle of life, from infancy to old age, that allow the students to evaluate, synthesise and apply Occupational Therapy treatments.				X



CE60	To know and understand the physio-pathological process at every stage of the life cycle, identifying the problems and preventive and clinical aspects of the person, in health as well as in illness.				X
CE61	To know, evaluate, analyse, elaborate and participate in educational programmes and promote health within the scope of Occupational Therapy in order to prevent occupational dysfunctions in general and subsequent to medical, surgical and psychiatric conditions, as well as social exclusion.			X	
CE62	To synthesise and apply the relevant knowledge of biological, medical, human, pedagogical, psychological, social, technological and occupational sciences, together with the theories of occupation and participation.			X	



## Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes	Granted percentage	Assessment method
R1, R2, R3, R4	50,00%	Written tests: Summative and final theoretical-practical test (open questions, objective test questions, truncated test, etc.) Preparation of field work memoranda, practical case solutions, single cases.
R3, R4, R5	30,00%	Presentation of group and individual works.
R1, R2	20,00%	Individual monitoring of attendance at face-to-face sessions and active participation in theoretical and practical classes, seminars and tutorials.

### Observations

#### Attendance and assessment methods

Students will be able to choose between two assessment methods for the course: **continuous and single assessment**.

##### 1. Continuous assessment:

A minimum of 70% attendance to face-to-face classes is required to be eligible.

Assessment is continuous and evidence of attendance/participation, practical activities and individual and/or group work will be collected/delivered throughout the term. All individual and group work will be submitted through the UCV's VIRTUAL CAMPUS within the deadlines and in the manner established by the lecturer of the subject. Late submissions will not be accepted under any circumstances. Those assignments that have not yet been handed in will be handed in and assessed on the official date of the second sitting.

In addition, there will be a final test of a theoretical-practical nature during the official exam period.

The official exam dates will be set by the Dean's Team of the Faculty in accordance with the periods established in the academic calendar. For changes to exam dates, please consult the reasons for such changes and the procedure in article 12 of the Exams Regulations.

##### 2. Single assessment:

This is for students who, for justified and documented reasons, are unable to meet the minimum attendance requirements. The request must be made in writing to the lecturer responsible for the subject, who will respond by the same means.

The single assessment does not consist of a single test, but of the set of tests and/or activities necessary to demonstrate and measure all the learning outcomes defined for the subject.



The structure of the single assessment in this subject will be as follows:

- Theoretical exam (50%)
  - Practical exam and/or additional work (50%): this part will include a practical test, and, if necessary, extraordinary autonomous work activities to demonstrate the learning outcomes.
- Note: In order to pass the course, students must pass the different assessment systems separately (attendance and participation, practicals/work and exam). Failure to comply with the rules and deadlines established for the completion of academic activities will invalidate the grade.
- Criteria for the awarding of honours: evidence of levels of excellence in all competences and learning outcomes.

### **With regard to the use of Artificial Intelligence (AI)**

- Any use of AI tools must be explicitly stated in the submitted document (e.g. in a footnote or annex).
- The name of the tool, the purpose of the use (e.g. grammar check, organisation of ideas, writing example) and in which part of the work it has been used shall be indicated.
- Responsible use of AI will be assessed as part of the criteria for originality and academic honesty.

### **Students may not use Artificial Intelligence (AI) to:**

- Recording or transcribing, in whole or in part, any activity carried out in the classroom, in order to obtain summaries or notes made by AI.
- Generate text in work related to the activity.
- Presenting AI-generated work as one's own.
- Providing the AI with statements, practice or assessment tests to obtain automatic answers.

In accordance with the regulations governing the assessment and grading of subjects in force at UCV, the distinction of "Matrícula de Honor" (Honours with Distinction) may be awarded to students who have achieved a grade of 9.0 or higher. The number of "Matrículas de Honor" (Honours with Distinction) may not exceed five percent of the students enrolled in the group for the corresponding academic year, unless the number of enrolled students is fewer than 20, in which case a single "Matrícula de Honor" (Honours with Distinction) may be awarded.

Exceptionally, these distinctions may be assigned globally across different groups of the same subject. Nevertheless, the total number of distinctions awarded will be the same as if they were assigned by group, but they may be distributed among all students based on a common criterion, regardless of the group to which they belong. The criteria for awarding "Matrícula de Honor" (Honours with Distinction) will be determined according to the guidelines stipulated by the professor responsible for the course, as detailed in the "Observations" section of the evaluation system in the course guide.



## Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

- M1 ON-CAMPUS CLASS
- M2 PRACTICAL CLASSES
- M3 SEMINAR
- M4 GROUP PRESENTATION OF PAPERS
- M5 OFFICE ASSISTANCE
- M6 ASSESSMENT
- M7 GROUP WORK
- M8 INDEPENDENT WORK





## IN-CLASS LEARNING ACTIVITIES

	LEARNING OUTCOMES	HOURS	ECTS
ON-CAMPUS CLASS: Teacher presentation of contents, analysis of competences, explanation and in-class display of skills, abilities and knowledge. M1	R1, R2, R3, R4, R5, R6	29,00	1,16
PRACTICAL CLASSES: Group work sessions supervised by the professor. Case studies, diagnostic tests, problems, field work, computer room, visits, data search, libraries, on-line, Internet, etc. Meaningful construction of knowledge through interaction and student activity. M2	R1, R2, R3, R4, R5, R6	10,00	0,40
SEMINAR: Supervised monographic sessions with shared participation M3	R1, R2, R3, R4, R5, R6	7,50	0,30
GROUP PRESENTATION OF PAPERS: Application of multidisciplinary knowledge M4	R1, R2, R3, R4, R5, R6	7,50	0,30
OFFICE ASSISTANCE: Personalized and small group attention. Period of instruction and /or orientation carried out by a tutor to review and discuss materials and topics presented in classes, seminars, eadings, papers, etc. M5	R1, R2, R3, R4, R5, R6	3,00	0,12
ASSESSMENT: Set of oral and/or written tests used in initial, formative or additive assessment of the student M6	R1, R2, R3, R4, R5, R6	3,00	0,12
<b>TOTAL</b>		<b>60,00</b>	<b>2,40</b>



## LEARNING ACTIVITIES OF AUTONOMOUS WORK

	LEARNING OUTCOMES	HOURS	ECTS
<b>GROUP WORK:</b> Group preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform ( <a href="http://www.plataforma.ucv.es">www.plataforma.ucv.es</a> ) M4, M7	R1, R2, R3, R4, R5, R6	40,00	1,60
<b>INDEPENDENT WORK:</b> Student study: Group Individual preparation of readings, essays, problem solving, seminars, papers, reports, etc. to be presented or submitted in theoretical lectures, practical and/or small-group tutoring sessions. Work done on the university e-learning platform ( <a href="http://www.plataforma.ucv.es">www.plataforma.ucv.es</a> ) M6, M8	R1, R2, R3, R4, R5, R6	50,00	2,00
<b>TOTAL</b>		<b>90,00</b>	<b>3,60</b>



## Description of the contents

Description of the necessary contents to acquire the learning outcomes.

### Theoretical contents:

Content block	Contents
Unit 1: Cardio-respiratory pathologies	<ol style="list-style-type: none"><li>1.The patient with cardiopulmonary diseases: general perspective</li><li>2.Cardiac and pulmonary physiology. Functional assessment</li><li>3.COPD and obstructive diseases</li><li>4.Pulmonary fibrosis and restrictive diseases</li><li>5.Other pulmonary diseases: pneumonia, thromboembolism, cancer</li><li>6.Cardiac insufficiency. Cardiomyopathy</li><li>7.Ischemic heart disease</li><li>8.Heart valve disease</li><li>9.Periferal arterial, venous and lymphatic disease</li><li>10.Therapy in heart and lung trasplant</li></ol>
Unit 2: Diseases of the sense organs	<ol style="list-style-type: none"><li>1.Anatomy and physiology of the ocular vision organ. Visual exploration</li><li>2.Disorders of the organ of vision: Cataract, glaucoma, Maculopathies and diabetic retinopathy.</li><li>3.Anatomy and physiology of the audition organ. Exploration</li><li>4.Ear pathology, types of deafness.</li><li>5.Vestibular pathology. Vertigo</li><li>6.Alterations of taste, touch and smell</li></ol>



## Unit 3: Geriatrics pathologies:

1. Definition and objectives of Geriatrics
2. The older patient: demographics, epidemiology and resource utilization
3. Major geriatric syndromes
4. Immobility syndrome
5. Gait disorders and falls
7. Incontinence and constipation
8. Dementia
9. Anxiety and depression
10. Role of occupational therapy in Geriatrics

## Temporary organization of learning:

Block of content	Number of sessions	Hours
Unit 1: Cardio-respiratory pathologies	12,00	24,00
Unit 2: Diseases of the sense organs	8,00	16,00
Unit 3: Geriatrics pathologies:	10,00	20,00



## References

### Unit 1 PATHOLOGY OF THE CARDIO-RESPIRATORY SYSTEM

- De Castro, S. (2020). Manual de patología general. S. de Castro. Elsevier. ISBN: 978-84-9113-123-6
- Farreras Rotzman (19ª ed, 2020). Medicina Interna. Elsevier. ISBN: 978-84-9113-545-6
- Hernández D. Manual para residentes de Medicina Física y Rehabilitación. ISBN edición online: 978-84-17524-33-3
- Martín del Rosario FM y Sociedad Canaria de MFR (2017). Manual de Rehabilitación y Medicina Física. ISBN edición online: 978-84-0900-977-0
- SORECAR (2018). Rehabilitación integral en el paciente EPOC. Ed. Panamericana. ISBN: 978-84-09-04337-8
- Güell R (2005). Tratado de rehabilitación respiratoria. Ars Medica. ISBN: 978-84-9751-116-2
- Maroto JM (2010). Rehabilitación Cardiovascular. Panamericana. ISBN: 978-84-9835-317-4
- Maroto JM, Sociedad Española de Cardiología (2009). Rehabilitación Cardíaca. Elsevier. ISBN: 978-84-88336-74-3
- Puigdellivol C, Alonso B. (2017). Orientación diagnóstica y terapéutica del linfedema. SERMEF. ISBN: 978-84-697-4329-4

### Unit 2 DISEASES OF SENSES

- Kanski J. (2001). Oftalmología clínica. Ed. Mosby, Elsevier. ISBN: 978-84-9113-893-8
- Ramírez R. (2ª ed, 2007). Manual de otorrinolaringología. Ed. McGraw-Hill. ISBN: 978-84-4814-677-1
- Manual AMIR Otorrinolaringología (12ª ed, 2020). ISBN: 978-84-17567-41-5
- Santandreu ME. Fundamentos de rehabilitación vestibular. Universidad de Las Palmas de Gran Canaria (ULPGC). ISBN: 978-84-9042-433-9

### Unit 3 GERIATRICS

- Sociedad Española de Geriatria y Gerontología. Tratado de Geriatria para Residentes. ISBN: 84-689-8949-5
- Sociedad Española de Geriatria y Gerontología. Manual de buenas prácticas en cuidados a las personas mayores. ISBM: 978-84-7867-222-6
- Durante P y Pedro P. (1998). Terapia Ocupacional en Geriatria. Masson. ISBN: 978-84-4580-583-1
- Corregidor AI (2010). Terapia ocupacional en geriatría y gerontología. ISBN: 978-84-8473-838-1