



1. General information

Course: MEDICAL AND SURGICAL PATHOLOGY OF ADULTS II

Type: CORE COURSE

Degree: 382 - UNDERGRADUATE DEGREE IN OCCUPATIONAL THERAPY

Center: 16 - FACULTY OF SCIENCES OF THE HEALTH OF TALAVERA

Year: 2

Main language: Spanish

Use of additional languages:

Web site:

Code: 64314

ECTS credits: 6

Academic year: 2023-24

Group(s): 60

Duration: C2

Second language: English

English Friendly: N

Bilingual: N

Lecturer: MARIA CARMEN CIPRIANO CRESPO - Group(s): 60

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2. Pre-Requisites

It is highly advisable to have passed the subject of Anatomophysiology because it is necessary to have acquired knowledge about the morphology and functioning of the human organism in order to understand the anomalies of the body's structure and functioning.

3. Justification in the curriculum, relation to other subjects and to the profession

At the end of the subject, the student will have acquired knowledge related to human neurological, rheumatological and trauma pathophysiological processes of adulthood, being able to identify problems and clinical, preventive and therapeutic aspects.

You will acquire medical-surgical knowledge applicable to human beings, as well as the consequences that different diseases can leave on people, affecting their functionality. You will obtain skills that will enable you to understand the pathophysiology and etiopathology.

4. Degree competences achieved in this course

Course competences

Code	Description
A02	To know the national and international health organizations, as well as the environments and conditioning factors of the different health systems.
A03	Obtain and use epidemiological data and assess trends and risks to inform health decision-making.
A04	Recognise their own limitations and the need to maintain and update their professional competence, with particular emphasis on autonomous learning of new knowledge and skills and on motivation for quality.
A05	To know, critically evaluate and know how to use information sources to obtain, organize, interpret and communicate scientific, health, social and health information, preserving the confidentiality of the data.
B07	Understand and recognize the interrelationship between the concepts of well-being, health, meaningful occupation, dignity and participation.
B09	Recognize health determinants in the population, multiprofessional resources and equipment, and health prevention, maintenance and promotion actions, both at the individual and community levels.
CB01	Prove that they have acquired and understood knowledge in a subject area that derives from general secondary education and is appropriate to a level based on advanced course books, and includes updated and cutting-edge aspects of their field of knowledge.
CB02	Apply their knowledge to their job or vocation in a professional manner and show that they have the competences to construct and justify arguments and solve problems within their subject area.
CB03	Be able to gather and process relevant information (usually within their subject area) to give opinions, including reflections on relevant social, scientific or ethical issues.
CB04	Transmit information, ideas, problems and solutions for both specialist and non-specialist audiences.
CB05	Have developed the necessary learning abilities to carry on studying autonomously
D19	Acquire and develop skills, abilities and practical experience in the socio-health and community context.
D20	Acquire basic knowledge of management and improvement of the quality of Occupational Therapy services.
D21	To develop professional practice with respect to other professionals, by acquiring teamwork skills.
E22	Actively listen, obtain and synthesize relevant information about the occupational problems and demands of individuals and populations and understand the content of this information.
E23	Establish assertive interpersonal communication with all relevant interlocutors during the Occupational Therapy process.
E25	Transmitting oral and written information to both specialized and non-specialized audiences.
H1	To know and understand the medical, surgical and psychiatric knowledge applicable to the human being in all the moments of the life cycle, from childhood to old age, that enable them to evaluate, synthesize and apply Occupational Therapy treatments.
H2	To know and understand the physiopathological process at all times of the life cycle, identifying the problems and preventive and clinical aspects of the person, both in health and in illness.
H3	To know, evaluate, analyze, develop and participate in health education and promotion programs within the scope of Occupational Therapy to prevent occupational dysfunctions in general and subsequent to medical, surgical and psychiatric conditions and social maladjustment.
H4	Synthesize and apply the relevant knowledge of biological, medical, human, pedagogical, psychological, social, technological and occupational sciences, together with theories of occupation and participation.

5. Objectives or Learning Outcomes

Course learning outcomes

Description
The student must show knowledge and mastery of the competencies related to the subjects.
Familiarize students with the most common medical terminology for their future professional activity.
Acquisition of medical vocabulary.
The student will acquire medical-surgical knowledge applicable to the human being at all times of the life cycle that will enable him to apply occupational therapy treatments in the different pathologies.
The student will understand and acquire knowledge related to all human pathological processes of adulthood by identifying clinical, preventive and therapeutic problems and aspects in both health and disease.
Learn how to interpret the reports of different healthcare professionals.
Tour of the different pharmacological principles used in the treatment of different diseases.
This subject aims to develop skills that allow students to understand the knowledge so that they can subsequently apply occupational therapy treatment in the different processes that constitute motivation to the treatment of occupational therapy such as processes, sequelae of diseases that determine some degree or form of disability.
This subject aims to develop skills that allow students to understand and apply the knowledge of respiratory diseases, cardiovascular diseases, diseases of the digestive system, diseases of kidney and urinary tract, endocrinological diseases, infectious diseases, diseases of the reproductive system, metabolic diseases, haematological diseases, dermatological diseases, immunological diseases, surgical pathology, pharmacology, otolaryngology and ophthalmology
This subject aims for students to acquire knowledge of the etiopathogenic and pathological foundations of the main nosological entities that constitute human pathology in the different systems and organs of the adult human body. Know the meaning of the different diseases, know the techniques of diagnosis and treatment of the different pathologies.

Additional outcomes

6. Units / Contents

Unit 1: Diseases of the respiratory
Unit 2: diseases system Cardiovascular
Unit 3: Diseases of the digestive system
Unit 4: diseases Metabolic
Unit 5: diseases Endocrine
Unit 6: diseases Kidney
Unit 7: diseases Hematological
Unit 8: Diseases Infectious
Unit 9: diseases Immunological
Unit 10: Otorhinolaryngology
Unit 11: Ophthalmology
Unit 12: Surgical pathology
Unit 13: Pharmacology

ADDITIONAL COMMENTS, REMARKS

The subject will be enriched with Bilingual Seminars, English Spanish that make it possible to approach topics from another language.

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Class Attendance (theory) [ON-SITE]	Lectures	A04	1.42	35.5	Y	N	
Project or Topic Presentations [ON-SITE]	Problem solving and exercises	A03 A05 B07 CB01	3.6	90	Y	N	
Workshops or seminars [ON-SITE]	Case Studies	H2	0.5	12.5	Y	N	
Final test [ON-SITE]	Self-study	H4	0.08	2	Y	N	
Group tutoring sessions [ON-SITE]	Cooperative / Collaborative Learning		0.4	10	Y	N	
Total:			6	150			
Total credits of in-class work: 6			Total class time hours: 150				
Total credits of out of class work: 0			Total hours of out of class work: 0				

As: Assessable training activity
Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System			
Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Theoretical papers assessment	30.00%	30.00%	Individual work, seminars and group work to delve into the subject matter of the subject
Final test	70.00%	70.00%	The exam will consist of multiple choice questions, open questions about the theoretical contents of the subject and long development questions.
Total:	100.00%	100.00%	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

Evaluation criteria for the final exam:

Continuous assessment:

70% Final written test of multiple choice questions, open questions and long development questions
30% Group and individual work

Non-continuous evaluation:

70% Final written test of multiple choice questions, open questions and long development questions
30% Group and individual work

Specifications for the resit/retake exam:

Same as in the ordinary call

70% Final written test of multiple choice questions, open questions and long development questions
30% Group and individual work

Specifications for the second resit / retake exam:

Same as in the ordinary call

70% Final written test of multiple choice questions, open questions and long development questions
30% Group and individual work

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
Unit 1 (de 13): Diseases of the respiratory	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	3.1
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	7.2
Workshops or seminars [PRESENCIAL][Case Studies]	1.1
Final test [PRESENCIAL][Self-study]	.2
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	1
Group 60:	
Initial date: 29-01-2024	End date: 02-02-2024
Unit 2 (de 13): diseases system Cardiovascular	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 05-02-2024	End date: 09-02-2024
Unit 3 (de 13): Diseases of the digestive system	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 12-02-2024	End date: 16-02-2024
Unit 4 (de 13): diseases Metabolic	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 19-02-2024	End date: 23-02-2024
Unit 5 (de 13): diseases Endocrine	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 26-02-2024	End date: 28-02-2024
Unit 6 (de 13): diseases Kidney	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 28-02-2024	End date: 01-03-2024
Unit 7 (de 13): diseases Hematological	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 04-03-2024	End date: 06-03-2024
Unit 8 (de 13): Diseases infectious	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 06-03-2024	End date: 08-03-2024
Unit 9 (de 13): diseases immunological	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 11-03-2024	End date: 13-03-2024
Unit 10 (de 13): Otorhinolaryngology	

Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 13-03-2024	End date: 15-03-2024
Unit 11 (de 13): Ophthalmology	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 18-03-2024	End date: 19-03-2024
Unit 12 (de 13): Surgical pathology	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 19-03-2024	End date: 20-03-2024
Unit 13 (de 13): Pharmacology	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	2.7
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	6.9
Workshops or seminars [PRESENCIAL][Case Studies]	.95
Final test [PRESENCIAL][Self-study]	.15
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	.75
Group 60:	
Initial date: 20-03-2024	End date: 22-03-2024
Global activity	
Activities	hours
Workshops or seminars [PRESENCIAL][Case Studies]	12.5
Final test [PRESENCIAL][Self-study]	2
Group tutoring sessions [PRESENCIAL][Cooperative / Collaborative Learning]	10
Class Attendance (theory) [PRESENCIAL][Lectures]	35.5
Project or Topic Presentations [PRESENCIAL][Problem solving and exercises]	90
Total horas: 150	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
Caceres Palou, Fernandez Sabate, Gomez Castresana	Manual Secot de cirugia ortopédica y traumatología	Medica Panamericana	Madrid	84-7903-758-X	2004	
Bachiller, Perez Caballer, Rodriguez Merchan	Ortopedia	Panamericana	Madrid	84-7903-796	2004	
Fitzgerald, Kaufer, Markani	Tratado de Neurología Clínica	Medica Panamericana	Buenos Aires	978-84- 7903-589-7	2002	
Micheli, Nogues, Asconapé, Fernandez Pardal, Biller	Manual de Patología para Terapeutas Ocupacionales	EAE	Berlin	978-3-659-01700-1	2012	
Moro Peralta	Principios de Patología	Medica Panamericana	Mexico	978-968-7988-86-3	2007	
Prez Tamayo, Lopez Corelle	Neurologia de Merrit	Wolters Kluwer - Lippincott	U.S.A.	978-07817-9186-1	2010	
Rowland, Pedley	Manual SER de enfermedades reumáticas	Panamericana	Madrid	978-84-9835-105-7	2008	
Sociedad Española de Reumatología	Neurologia	Manual Moderno	Colombia	978-958-9446-23-2	2010	
Toro Gomez, Yepes Sans, Palacios Sanchez						