

Course Unit	Nutritional Pathology		Field of study	Dietetics and Nutrition	
Bachelor in	Dietetics and Nutrition		School	School of Health	
Academic Year	2023/2024	Year of study	2	Level	1-2
Type	Semestral	Semester	1	ECTS credits	5.0
		Code		8149-807-2105-00-23	
Workload (hours)	135	Contact hours	T -	TP 30	PL 30
		TC -		S -	E -
		OT 7,5		O -	

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s) **Iolanda Ligia Rodrigues Afonso**

### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

To describe pathological events related with respiratory tract, gastrointestinal tract, liver, kidney and reproductive systems.

### Prerequisites

Before the course unit the learner is expected to be able to:  
None

### Course contents

1. Diseases of Liver and and Biliary Tract. Pancreatic Disorders 2. Diseases of the Lung and the Respiratory Tract. 3. Diseases of Female Reproductive System 4. Diseases of Male Reproductive System 5. Diseases of the Kidney 6. Diseases of the Endocrine System 7. Diseases of the Nervous System

### Course contents (extended version)

1. Liver and Biliary Tract, Pancreas Diseases
  - Hepatic Injury. Cirrhosis. Hepatic Failure. Hepatitis.
  - Tumours of the Liver. Disorders of the Gallbladder and Biliary Tract.
  - Chronic and Acute Pancreatitis Diabetes mellitus
2. Diseases of the Lung and the Respiratory Tract
  - Asthma
  - Chronic Obstructive Pulmonary Diseases
  - Pneumonia, Tuberculosis
3. Female Genital System and Breast
  - Infections
  - Tumors
  - STD
4. Male Genital System
  - Infections
  - Neoplasms.
  - STD
5. Kidney disease
  - Acute renal failure
  - Chronic renal failure
  - Syndrome
6. Disorders of the Endocrine System
  - Diabetes Mellitus. Metabolic Disorders. Diabetic Retinopathy
7. Disorders of the Nervous System
  - Malformations and Trauma
  - Cerebrovascular Diseases
  - Degenerative Disorders: Multiple Sclerosis and other Demyellinating Diseases
8. Cardiac pathology
  - Cardiac insufficiency
  - AIM
9. Musculoskeletal pathology
  - Dystrophinopathy
  - Myopathies
10. Wounds
  - Burns
  - Ulcers

### Recommended reading

1. Kumar, Vinay, Cotran, Ramizi S. , & Robbins, Stanley L. (Eds. ). (2003). Robbins Patologia Básica (7ª ed. ): Saunders Elsevier Science.
2. Rubin, Raphael, & Strayer, David S. (Eds. ). (2005). Patologia: Bases Clinicopatológicas de Medicina (4ª ed. ): Guanabara Brasil.
3. Sergio, J. Silveira, Coutinho, Isabel, & Marques, Sandra (Eds. ). (2002). Fundamentos de Patologia para Técnicos de Saúde (2ª ed. ): Lusociência.
4. Damjanov I. Pathology for the health-related professions. 2nd ed. Philadelphia: Saunders (2000)

### Teaching and learning methods

Theoretical and Practical lessons with audiovisual support. Engagement in creative clinical cases in order to develop critical thinking and clinical reasoning.

### Assessment methods

1. Alternative 1 - (Regular, Student Worker) (Final)
  - Intermediate Written Test - 50% (Two tests during the semester)
2. Alternative 2 - (Regular, Student Worker) (Supplementary, Special)
  - Final Written Exam - 100%

Language of instruction

Portuguese

Electronic validation			
Iolanda Ligia Rodrigues Afonso	Juliana Almeida de Souza	Luis Migue Fernandes Nascimento	Adília Maria Pires da Silva Fernandes
08-11-2023	08-02-2024	08-02-2024	08-02-2024