

Course Unit	Anatomy and Pathophysiology II		Field of study	Health Sciences	
Bachelor in	Biomedical Technology		School	School of Technology and Management	
Academic Year	2023/2024	Year of study	3	Level	1-3
Type	Semestral	Semester	2	ECTS credits	6.0
Code	9600-752-3201-00-23				
Workload (hours)	162	Contact hours	T 30	TP 30	PL -
			TC -	S -	E -
			OT -	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) Alexandra Daniela Afonso Prada

#### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:  
Transmit knowledge acquired in Anatomophysiology II

#### Prerequisites

Before the course unit the learner is expected to be able to:  
Transmit knowledge acquired in Anatomophysiology

#### Course contents

1. Describe the anatomophysiology of the digestive system. 2. Describe the anatomophysiology of the urinary system. 3. Describe the anatomophysiology of the reproductive system. 4. Describe the anatomophysiology of the endocrine system. 5. Describe the anatomophysiology of the nervous system.

#### Course contents (extended version)

1. Digestive System: - Anatomical aspects - Main clinical manifestations
2. Urinary system: - Anatomical aspects - Main clinical manifestations
3. Male genital system: - Anatomical aspects - Main clinical manifestations
4. Female genital system: - Anatomical aspects - Main clinical manifestations
5. Endocrine System: - Anatomical aspects - Main clinical manifestations
6. Nervous system: - Anatomical aspects - Main clinical manifestations

#### Recommended reading

1. Kumar, Vinay, Cotran, Ramizi S. , & Robbins, Stanley L. (Eds. ). (2003). Robbins Patologia Básica (7ª ed. ): Saunders Elsevier Science.
2. Drake RL, Vogl AW, & AWM , Mitchell (2014) Gray'sAnatomy for students (3ª th): Elsevier
3. Sergio, J. Silveira, Coutinho, Isabel, & Marques, Sandra (Eds. ). (2002). Fundamentos de Patologia para Técnicos de Saúde (2ª ed. ): Lusociência
4. . Paulsen Friedrich and Waschke Jens (2011) Sobotta – Atlas of Human Anatomy (15ª th): Elsevier

#### Teaching and learning methods

Theoretical-practical classes: Expositive, reflexive with support of audiovisual means. Analysis of clinical cases to develop reflection and application of theoretical knowledge

#### Assessment methods

1. Continuous Evaluation - (Regular, Student Worker) (Final)
  - Intermediate Written Test - 100% (1st + 2nd frequency rate 35% + 30% work)
2. Final exam - (Regular, Student Worker) (Final, Supplementary, Special)
  - Final Written Exam - 100%

#### Language of instruction

Portuguese

#### Electronic validation

Alexandra Daniela Afonso Prada	Joana Andrea Soares Amaral	José Carlos Rufino Amaro
12-02-2024	13-03-2024	16-03-2024