

## 1. BASIC INFORMATION

<b>Course/Module</b>	Anatomy and Physiology of the Human Body II
<b>Degree Program</b>	Degree in Dentistry
<b>College/School</b>	Facultad de Ciencias Biomédicas y Deporte
<b>Year</b>	1st
<b>Credits (ECTS)</b>	6 ECTS
<b>Credit type</b>	Basic
<b>Language(s)</b>	English and Spanish
<b>Delivery mode</b>	On campus
<b>Semester</b>	S2
<b>Academic year</b>	2025-2026
<b>Coordinating professor</b>	

## 2. PRESENTATION OF THE COURSE

Anatomy and Physiology are the basic tools of learning and knowledge of the structure and function of the human body. They are subjects that serve as support for any degree of sanitary nature such as Dentistry. In this second part (Anatomy and Physiology of the Human Body II) the student will acquire essential knowledge of the Anatomy and Physiology of the main systems of the human body (Cardiovascular, Respiratory, Digestive, Urinary, Endocrine, and Reproductive systems), based on the knowledge acquired in this area in the first part of the subject (Anatomy and Physiology of the Human Body I).

## 3. LEARNING OUTCOMES

### Knowledge:

CON08. Understand the basic biomedical sciences on which dentistry is based to ensure correct oral-dental care.

- Explain the anatomy and physiology of the cardiovascular system.
- List the anatomy and physiology of the respiratory system.
- List the anatomy and physiology of the digestive system.
- Identify the anatomy and physiology of the urinary system.
- List the anatomy and physiology of the endocrine and reproductive systems.

### Skills:

HAB05. Knowing the scientific method and having the critical capacity to evaluate established knowledge and new information. Be able to formulate hypotheses, collect and critically evaluate information to solve problems, following the scientific method.

- Integrate the relationship between morphology, structure and function of organs and body systems.

#### Competences:

CP01. Know the biomedical sciences on which dentistry is based in order to ensure correct oral-dental care. These sciences must include appropriate contents of embryology, anatomy, histology and physiology of the human body.

CP70. Cooperate with others in the pursuit of a shared academic or professional goal, participating actively, empathetically and with active listening and respect for all members.

CP71. Integrate analysis with critical thinking in a process of evaluating different ideas or professional possibilities and their potential for error, based on evidence and objective data that lead to effective and valid decision-making.

## 4. CONTENTS

The contents of the course/module are listed below:

- Cardiovascular system.
- Respiratory system.
- Urinary system.
- Digestive system.
- Endocrine system.
- Reproductive system.

## 5. TEACHING-LEARNING METHODOLOGIES

The types of teaching-learning methodologies used are indicated below:

- Lecture.
- Case method.
- Cooperative learning.
- Problem-based learning.
- Learning based on workshop teaching.
- Learning based on challenges.

## 6. LEARNING ACTIVITIES

Listed below are the types of learning activities and the number of hours the student will spend on each one:

#### Campus-based mode:

Learning activity	Number of hours
Lectures	44
Practical seminars	5
Case studies	10
Problem scenario	10

Report writing	7
Workshops/lab work	6
Independent working	60
Academic advising	6
In-person assessment tests	2
<b>TOTAL</b>	<b>150</b>

## 7. CONTINUOUS ASSESSMENT

Each assessable learning activity represents an opportunity for the student to make progress, receive feedback, and consolidate knowledge, skills, and competences. The Learning Outcomes outlined in this guide provide direction for this process and serve as benchmarks for their achievement.

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

### Campus-based mode:

Assessment system	Weight (%)
In-person assessment tests	50-60%
Written reports	10-20%
Case study/problem scenario	10-20%
Performance assessment	10-20%

In the Virtual Campus, when you access the corresponding course/module you will find information regarding the evaluation systems, including the due dates and the procedures applicable to each of them.

### 7.1. First exam period

In order to pass the course/module in the ordinary call, the student must obtain a grade greater than or equal to 5.0 (out of 10), in all the evaluation systems proposed in this guide. The final grade will be calculated from the weighted average of all the evaluation systems described.

If in any of the evaluation systems proposed in this guide, a grade lower than 5.0 (out of 10) is obtained, the final grade of the course/module will be “fail” even if, in the result of the weighted average, a value higher than 5.0 (out of 10) is obtained. In the latter case, the course/module would still be “failed” obtaining a final grade of 4.0 (out of 10).

#### *Delivery of activities*

Compliance with deadlines is essential to ensure the fairness and planning of the training process.

In case of not submitting an evaluable formative activity in due time and form, and without prior justification, it will not be evaluated and, therefore, will be recorded as “not submitted”.

The student is encouraged to communicate with sufficient time in advance to the teacher of the course/module, any difficulty that may affect their participation in any activity.

### Attendance

Active participation in the training sessions is a key component of learning. In order to pass the course/module, at least 50% attendance is required. If this minimum percentage is not reached, the teacher may consider the course/module as “failed”, according to the evaluation regulations of the Universidad Europea de Andalucía.

## 7.2. Second exam period

The extraordinary exam offers a new opportunity for students to demonstrate their learning. To pass it, it will be necessary to obtain a final grade (weighted average) equal to or higher than 5.0 (out of 10.0).

### Delivery of activities

The student must submit and pass those mandatory training activities not delivered or not passed in the ordinary call, respecting the new deadlines established. In case of failure to comply with these new deadlines, the activity will not be evaluated and, therefore, will be recorded as “not presented”.

## 8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Evaluable training activities	Date
In-person assessment tests	June 2026
Written reports	May 2026
Case study/problem scenario	April-May 2026
Performance assessment	June 2026

This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any change as and when appropriate.

## 9. REFERENCES

The reference work for the follow-up of the course is:

- Tortora GJ & Derrickson BH. 2016. *Principles of Anatomy and Physiology* (15th edition). Wiley eds.

Recommended references are listed below:

- Silverthorn DU. 2016. *Human Physiology: An Integrated Approach* (7th edition). Pearson.

- Guyton and Hall. 2020. *Textbook of Medical Physiology* (14th edition). Elsevier.
- Ross and Pawlina. 2010. *Histology. A text and atlas* (6th edition). Lippincott Williams & Wilkins.

## 10. AREA OF GUIDANCE, DIVERSITY AND INCLUSION

The Area of Guidance, Diversity and Inclusion (ODI) offers support to students throughout their university career, with the aim of facilitating their academic and personal development and supporting them in achieving their goals. This Area focuses its work on three Core pillars: the inclusion of students with specific educational support needs, the promotion of universal accessibility in the educational community and the guarantee of equal opportunities for all.

Among the services offered are:

- **Academic accompaniment and monitoring**, through counselling and the development of personalised plans aimed at those who need to improve their academic performance.
- **Attention to diversity**, through the implementation of non-significant curricular adjustments - in methodological and Assessment aspects - for students with specific educational support needs, in order to guarantee equal opportunities.
- **Extracurricular training resources**, aimed at developing personal and professional Competencies that contribute to the integral growth of students.
- **Vocational guidance**, through the provision of tools and advice to those who have concerns about their choice of Degree or are considering a change in their educational path.

Students in need of educational support can contact the Area via the following email address: [orientacioneducativa@universidadeuropea.es](mailto:orientacioneducativa@universidadeuropea.es)

## 11. ONLINE SURVEYS

Participating in the Satisfaction Surveys is an enriching opportunity to contribute to the continuous improvement of the Degree as well as the institution. Thanks to them, it is possible to identify which aspects of academics, teaching staff and the teaching-learning process are working well and which can be further improved.

With the aim of encouraging active participation in the completion of surveys among students, various channels of dissemination have been set up. The surveys are available in the space provided on the Virtual Campus and are also sent by email to facilitate access.

The responses collected allow decisions to be made that have a direct impact on the quality of the learning experience and on the day-to-day life of the university community.