1. BASIC INFORMATION

Course	Head & Neck Anatomy
Degree program	Dentistry
School	Facultad de Ciencias Biomédicas y de la Salud
Year	2º
ECTS	6 ECTS
Credit type	Basic
Language(s)	English
Delivery mode	Face to face
Semester	1st semester
Academic year	2025/2026
Coordinating professor	Santiago Peydró Tomás

2. PRESENTATION

This subject introduces the student to the main anatomical structures and systems of the head and neck. It is presently considered to be, and therefore taught as, an essential component of the dental curriculum due to its connections with other subjects such as, physiology, pathophysiology, dental anesthesia and oral surgery.

The goals of this subject are:

To provide and develop the knowledge of the oral and craniofacial anatomy, as well as the topographic anatomy of the head and neck and the dental morphology.

3. COMPETENCIES AND LEARNING OUTCOMES

Basic Competences

CB1 - Students must demonstrate to have gained a better knowledge in the studied field. The basis for these studies come from general secondary education and reach

levels that, whilst supported by advanced textbooks, includes some aspects that imply knowledge of the forefront of their field of study.

CB3 - Students may have the ability to gather and interpret relevant data (usually within their field of study) to inform judgments that include reflection of relevant social, scientific or ethical nature.

CB5 - Students will have developed those learning skills needed to undertake further study with a high degree of autonomy.

General Competences

CG11 - Ability to understand the basic biomedic sciences in which Dentistry is founded to ensure a proper buco-dental assistance.

CG12 - Ability to understand and recognize the structure and function of the stomatognathic system at molecular, cellular, tissular, and organic levels during the diverse stages of life.

CG18 - Knowledge to critically asses and use clinical and biomedical information sources to obtain, organize, interpretate and communicate sanitary and scientific information.

CG19 - Knowledge of the scientific method and to have critical ability to asses established knowledge and new information. Be able to hypothesize, recollect and asses critically the information to resolve problems following the scientific method.

CG7 - Ability to promote new knowledge autonomous learning and techniques, as well as motivation to quality.

Cross-curricular Competences

CT2 - Self-confidence: The student will be able to be sure and with enough motivation to achieve their goals

CT5 - Interpersonal understanding: The student will be able to perform active listening in order to reach agreements using an assertive communication style.

CT8 - Initiative: The student will be be able to proactively anticipate proposing solutions or alternatives to different situations.

CT9 - Planning: The student will be able to effectively determine his/her goals and priorities, defining actions, deadlines and optimal resources required to achieve those goals.

Specific Competences

CE01 - Ability to understand the basic biomedic sciences in which Dentistry is founded to ensure a proper buco-dental assistance. This sciences include porper content about Embryology, anatomy, histology and physiology of human body, genetic, biochemistry, cell biology, microbiology and immunology.

CE02 - To know the function and the morphology of the stomatognathic system, including specific knowledge about embryology, anatomy, histoogy and physiology.

1. Learning outcomes

RA1: To understand and manage the general concepts of osteology, myology and neuroanatomy of the head and neck, with clinical-therapeutic guidance

RA2: Knowledge and comprehension of the arterial, venous and lymphatic systems of the head and neck, with clinical-therapeutic guidance.

RA3: Knowledge and comprehension of the oral cavity and the surrounding structures.

The following table shows the relationship between the competencies developed during the course and the learning outcomes pursued:

Competencies	Learning outcomes
CB1, CB3, CB5, CG11, CG12, CG18, CG7,CT2, CT9, CE01,CE02	RA1
CB1, CB3, CB5, CG11, CG12, CG18, CG7,CT2, CT9, CE01, CE02	RA 2, RA 3

4. CONTENT

THEORETICAL PROGRAM:

Unit 1. Review the concepts of anatomical position, axes, planes and reference points.

Unit 2. Embryology of craniofacial structures. Branchial arches and derived structures.

Unit 3. Craniofacial osteology: Cranial bones, facial bones.

Unit 4. Nervous system: Brain and cranial nerves, trigeminal nerve, facial nerve, autonomic nervous system.

Unit 5. Craniofacial neuromuscular systems: masticatory muscles, facial muscles, swallowing muscles, lingual muscles.

Unit 6. Craniofacial vascularization: Arterial system, venous system, lymphatic system.

Unit 7. Regional anatomy: Oral cavity, tongue, palatal region, buccal region, floor of the mouth, salivary glands and temporomandibular joint.

Unit 8: Anatomy of the Neck. Pharynx and larynx.

Unit 9: Dental anatomy.

5. TEACHING-LEARNING METHODOLOGIES

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

- Master class
- Practicals
- Problem solving

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
Master Class	40 h

Virtual Master Class	12 h
Practical exercices	12 h
Tutorials	18 h
Case analysis	11 h
Laboratory practices	10 h
Study and independent work	45 h
In-person test of knowledge	2 h
TOTAL	**117 h**

7. ASSESSMENT

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

Campus-based mode:

Assessment system	Weight
Written Knowledge exams	60%
Practical tasks	20%
Practicals	20%

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

7.1. First exam period

To pass the course in the first exam period, you must obtain a final course grade of at least 5 out of 10 (weighted average).

In any case, you will need to obtain a grade of at 5.0 in the final exam in order for it to count towards the final grade along with all the grades corresponding to the other activities.

In accordance with the regulations of the Faculty of Health Sciences, **class attendance is compulsory, being necessary to attend 80% of the theoretical classes**. Failure to attend theory classes means that the student has not reached the necessary competences to pass the subject and will have failed the subject in the ordinary exam, having to take the exam in the extraordinary exam. **Punctuality** will be taken into account, three delays of more than 15 minutes or departures before class will be counted as a lack of attendance.

7.2. Second exam period

To pass the course in the second exam period, you must obtain a final grade of at least 5 out of 10 (weighted average).

All activities not passed in ordinary call must be approved in the extraordinary call.
In any case, you will need to obtain a grade of at 5.0 in the final exam in order for it to count towards the final grade along with all the grades corresponding to the other activities.

The student must deliver the activities not successfully completed in the first exam period after having received the corresponding corrections from the professor, or those that were not delivered in the first place.

8. SCHEDULE

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

Assessable activities	Deadline
1st Partial Exam	November, 12-15th
2ºnd Partial Exam	January, 7-10th
Final Practical Exam	January, 7-10th
Dental Anatomy Practical Exam	Semptember, 22-26th
Osteology Practical Exam	October, 20-24th
Muscles Practical Exam	November, 3-7th
Nervous System Practical Exam	November, 24-28th
Vascular System Practical Exam	December, 10-13th

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. BIBLIOGRAPHY

The main reference work for this subject is:

• DRAKE, VOGL. GRAY´S ANATOMY FOR STUDENTS. 2ND EDITION.ELSEVIER. 2009

· BERKOVITZ, HOLLAND. A COLOUR ATLAS & TEXT OF ORAL ANATOMY. 2ND EDITION. WOLFE PUBLISHING LTD. 1992

The recommended bibliography is:

· STANDRING, BORLEY, COLLINS. GRAY´S ANATOMY.THE ANATOMICAL BASIS OF CLINICAL PRACTICE. 150 YEARS. 40TH EDITION. ESELVIER. 2009

· HANSEN. NETTER'S CLINICAL ANATOMY. 2ND EDITION SAUNDERS ELSEVIER. 2010

· NELSON. WHEELER'S DENTAL ANATOMY, PHYSIOLOGY And OCCLUSION. ELSEVIER 2015

10. EDUCATIONAL GUIDANCE AND DIVERSITY UNIT

From the Educational Guidance and Diversity Unit we offer support to our students throughout their university life to help them reach their academic achievements. Other main actions are the students inclusions with specific educational needs, universal accessibility on the different campuses of the university and equal opportunities.

From this unit we offer to our students:

1. Accompaniment and follow-up by means of counselling and personalized plans for students who need to improve their academic performance.
2. In terms of attention to diversity, non-significant curricular adjustments are made in terms of methodology and assessment for those students with specific educational needs, pursuing an equal opportunities for all students.
3. We offer students different extracurricular resources to develop different competences that will encourage their personal and professional development.
4. Vocational guidance through the provision of tools and counselling to students with vocational doubts or who believe they have made a mistake in their choice of degree.

Students in need of educational support can write to us at:
orientacioneducativa.uev@universidadeuropea.es

11. ONLINE SURVEYS

Your opinion matters!

The Universidad Europea encourages you to participate in several surveys which help identify the strengths and areas we need to improve regarding professors, degree programs and the teaching-learning process.

The surveys will be made available in the “surveys” section in virtual campus or via e-mail.

Your assessment is necessary for us to improve.

Thank you very much for your participation.