

COURSE TITLE	COURSE CODE	SEMESTER	THEORETICAL (hours / week)	PRACTICE (hours / week)	CREDIT	ECTS
DENTAL ANATOMY AND MORPHOLOGY	DIS 123	2	2	6	5	6
COURSE LEVEL	<input type="checkbox"/> Associate's <input checked="" type="checkbox"/> Bachelor's Degree <input type="checkbox"/> Master's Degree <input type="checkbox"/> PhD					
INSTRUCTION LANGUAGE	<input checked="" type="checkbox"/> TURKISH <input type="checkbox"/> FOREIGN LANGUAGE <input type="checkbox"/> English <input type="checkbox"/> German <input type="checkbox"/> French					
COURSE TYPE	<input checked="" type="checkbox"/> COMPULSORY <input type="checkbox"/> ELECTIVE <input type="checkbox"/> DEPARTMENTAL ELE <input type="checkbox"/> NON-DEPARTMENTA					
PREREQUISITE OF COURSE						
PURPOSE OF COURSE	To know anatomical and morphological principles related to permanent teeth and surrounding tissues, to be familiar with the basic modelling by evaluating the anatomical and morphological features of permanent teeth.					
COURSE OBJECTIVES	To explain the surface and edges of permanent teeth, morphological terms of teeth and supporting tissues, anatomical and morphological features of each permanent tooth in the oral cavity, and apply modelling.					
TEACHING METHOD	FACE-TO-FACE					
LEARNING, TEACHING METHODS OF THE COURSE	<input checked="" type="checkbox"/> Question-and-Answer <input type="checkbox"/> Case Problem Solving/ Drama- Role/ Case Management <input type="checkbox"/> Laboratory <input type="checkbox"/> Quantitative Problem Solving <input type="checkbox"/> Fieldwork <input type="checkbox"/> Group Study / Assignment <input checked="" type="checkbox"/> Individual Assignment <input checked="" type="checkbox"/> Web-Based Learning <input type="checkbox"/> Internship <input type="checkbox"/> Practice in Field <input type="checkbox"/> Project Preparation <input type="checkbox"/> Report Writing <input type="checkbox"/> Seminar <input type="checkbox"/> Supervision <input type="checkbox"/> Social Activity <input type="checkbox"/> Occupational Activity <input type="checkbox"/> Occupational Trip <input checked="" type="checkbox"/> Application (Modelling, Design, Model, Simulation, Experiment et.) <input type="checkbox"/> Reading <input type="checkbox"/> Thesis Preparation <input type="checkbox"/> Field Study <input type="checkbox"/> Student Club and Council Activities					

COURSE COORDINATOR (S)

Assoc. Prof. Nazmiye Şen

LEARNING OUTCOMES

INFORMATION

(Organized according to theoretical and / or factual information classification)

1. Students make definitions of morphological terms, and terms regarding surface and edges of teeth.
2. Students define the tooth (enamel, dentin, cementum) and supporting tissues (gingiva, periodontal ligament, alveolar bone).
3. Students can list teeth in the oral cavity according to universal enumerating systems.

SKILL

(As cognitive and / or practice skills)

1. Students can classify teeth, deciduous teeth and permanent teeth.▯
2. Students draw mesial, distal, vestibular, palatal/lingual , incisal/occlusal surface features of permanent teeth.
3. Students apply the modeling of permanent teeth from soap material (carving).

COMPETENCY

1. Students internalize and use morphological knowledge, which is the basis of future professional practices.

WEEKS

1.

Headlines: Introduction to dental morphology / Practice: An introductory course in dental anatomy and morphology. The general objective is to provide the undergraduate dental student with the knowledge of dental anatomy and morphology that forms the basis for much of the practice of clinical dentistry.

2.

Headlines: Tooth numbering systems / Practice: Receiving spatulas, carvers and chalk boxes

3.

Headlines: Dental terminologies / Practice: Maxillary dental arch morphology

4.

Headlines: Eruption patterns, General Oral and Dental Anatomy / Practice: Mandibular dental arch morphology

5.

Headlines: Permanent maxillary incisors / Practice: Soap carving of permanent maxillary central and lateral incisor

6.

Headlines: Permanent mandibular incisors / Practice: Soap carving of permanent mandibular central and lateral incisors

7.

Headlines: Permanent canines / Practice: Soap carving of permanent maxillary canine

8.

Headlines: Permanent maxillary premolars / Practice: Soap carving of permanent maxillary premolars

9.

Headlines: Permanent mandibular premolars / Practice: Soap carving of permanent mandibular premolars

10.

Headlines: Permanent maxillary molars / Practice: Soap carving of permanent maxillary molars

11.

Headlines: Permanent mandibular molars / Practice: Soap carving of permanent mandibular molars

12.

Headlines: Difference between deciduous and permanent teeth, Age estimation / Practice: Full wax build-up of permanent maxillary 1st premolar and 1st molar

13.

Headlines: Dental anomalies, classifications of occlusion / Practice: Full wax build-up of permanent mandibular 2nd premolar and 1st molar

14.

Headlines: Heights of Contour, Cervical Line Curvatures, Marginal Ridges, Grooves, Occlusal Anatomy, periodontal structures, contact areas, embrasures / Practice: Homework carved teeth

COURSE FLOW
(annual / semester)

RESOURCES USED

** Woelfel'in Diş Anatomisi, Weiss G , Scheid RC.Çeviri Editörü: Hüseyin Avni Balcıoğlu. Güneş Tıp Kitabevleri, 2010.

** Wheeler's Dental Anatomy Physiology and Occlusion, Stanley, J Nelson, Elsevier, 2015.

EVALUATION SYSTEM

YEAR / SEMESTER STUDIES	Number	CONTRIBUTIONS %
Attendance / Participation		%
Laboratory		%
Practice		%
Practice Exam		%
Quiz		10%
Assignment		%
Presentation		%
Projects		%
Course-Specific Internship		%
Fieldwork		%
Article Critique		%
Article Writing		%
Module Group Study		%
Brainstorming		%
Role Playing + Dramatizing		%
Studying outside of the Classroom		%
Preparatory Work, Enhancement, Practice Repetition etc.		%
Homework (reading, writing, watching movies		%
Project Preparation + Presentation		%
Report Preparation + Presentation		%
Presentation / Seminar Preparation +		%
Oral Exam		%
MIDTERM		30%
FINAL		60%
Total		100 %

COURSE ECTS

 European Credit Transfer
System
- Student workload-

Activities	Number (week)	Duration (hour)	Total Work Load
Course Duration	14	2	28
Laboratory	0	0	0
Practice	14	6	84
Practice Exam	0	0	0
Course-Specific Internship	0	0	0
Fieldwork	0	0	0
Article Critique	0	0	0
Article Writing	0	0	0
Module Group Study	0	0	0
Brainstorming	0	0	0
Role Playing + Dramatizing	0	0	0
Studying outside of the Classroom Preparatory Work, Enhancement, Practice Repetition etc.)	14	2	28
Homework (reading, writing, watching movies et	14	1	14
Project Preparation + Presentation	0	0	0
Report Preparation + Presentation	0	0	0
Presentation / Seminar Preparation + Presentatic	0	0	0
Oral Exam	0	0	0
Preparation For Midterms	7	1	7
MIDTERM	1	5	5
Preparation For Finals	14	2	28
FINAL	1	5	5
Total ECTS			199
30 hours = 1 ECTS			ECTS
			6