



T.R.
ÜSKÜDAR UNIVERSITY
FACULTY OF DENTISTRY
2024-2025 ACADEMIC YEAR
1st YEAR
ANNUAL COURSES

DENT101 Dental Morphology and Physiology (1+8) 5 ECTS:12

The course aims to teach the anatomical and functional aspects of the chewing system components along with the morphological characteristics of permanent teeth. Students will learn to sculpt the teeth, as well as the construction and laboratory procedures of removable complete and fixed prostheses. The course will provide information on intraoral examination of prosthetic patients, oral preparations, planning, construction phases and methods, and potential issues that may arise. It will also cover the laboratory procedures for complete removable prostheses and fixed partial dentures.

**2024-2025 ACADEMIC YEAR
1st YEAR
FALL COURSES**

ATA113 Principles of Atatürk and History of Turkish Revolution I (2+0)2 ECTS:2

Temel Kavramlar, Osmanlı Devleti'nin Çöküş Sebepleri, Türk Yenileşme Hareketleri, I. Dünya Savaşı, Millî Mücadele.

ENG103 English I (2+0)2 ECTS:2

- 1- To equip students with the English language skills required for the successful undertaking of academic studies with a primary emphasis on academic speaking and listening skills.
- 2-To provide guidance and practice in basic general and classroom conversation and to engage in specific academic speaking activities.
- 3-To improve comprehensibility through pronunciation improvement
- 4-To practice and improve general and academic listening skills
- 5-To strengthen students' abilities to monitor and evaluate their own English language progress, initiate self-improvement, and develop compensatory language skills as required
- 6-To provide students with a realistic assessment of academic language demands
- 7-To foster self-confidence and a positive attitude toward language learning generally

TURK113 Turkish Language II (2+0) 2 ECTS:2

Understanding the structure and basic grammatical features of Turkish, properly understanding the texts read, and expanding students' vocabulary.



RCUL103 University Culture I (0+2)1 ECTS:4

Students' awareness of the privilege of being a "university student" throughout their university life enables them to understand that the university is not just a place of courses and professional development, but that they must understand and interpret what is happening in university life, in the world and around them, and that they must be participants and guides rather than mere observers of these events.

RPSC109 Positive Psychology and Communication Skills (3+0)3 ECTS:5

1. Definition, Basic Concepts, Theoretical Foundations, and Applications of Positive Psychology
2. Socioemotional experience and behavior, examining the brain-behavior systems studied within cognitive sciences.
3. Self-Awareness and Other Awareness, Empathy
4. Psychosocial Life Skills and Problem-Solving Skills
5. Motivation and Planning
6. Anger, Aggression, and Violence
7. Relationship Management and Healthy Decision Making
8. Persistence and Agreeableness

DCC103 Committee of Basic Sciences in Dentistry I (4+0)4 ECTS:10

The purpose of these course boards is to provide students with knowledge about the properties of muscle, cartilage, and bone tissues, and the development of the human musculoskeletal system.

To provide knowledge and skills regarding the embryological development of the human circulatory system, blood tissue, and respiratory system, as well as the cells, tissues, and organs that comprise these systems; their histological and anatomical structures, physiological properties, functions, and the mechanisms of these functions; and the interrelationships of these systems.

To provide students with an understanding of the anatomy, embryology, histology, physiology, and biochemistry of the digestive system; to learn about the digestion and absorption of nutrients, the molecular mechanisms of normal human metabolism and obesity, and the microorganisms that affect the digestive system.

DENT119 Dental Materials (1+0)1 ECTS:1

The aim is to teach the content, properties, and applications of materials used in dental treatments. The course covers the general characteristics of materials used in dentistry, including plaster, wax, impression materials, metals, polymers, and cements, along with their properties and methods of use.

DEC101 Who is a Dentist? (1+0)1 ECTS:1

The purpose of this course is to inform the student about Dentistry Education.

2024-2025 ACADEMIC YEAR
1st YEAR
SPRING COURSES

ATA114 Principles of Atatürk and History of Turkish Revolution II (2+0)2 ECTS:2

It includes the recognition of the characteristics and similar concepts of the Turkish Revolution, the reforms made by the Ottoman Empire before the Turkish Revolution, the importance of Atatürk's reforms, the emergence of the Atatürkist thought system and its impact on the reforms to be made by the new Republic of Turkey, the Turkish War of Independence and the threats to the Republic and Atatürk's reforms.

ENG104 English II (2+0)2 ECTS:2

This course is designed for beginners in English and aims to develop fundamental language skills. Through various teaching techniques and practical exercises, it helps students develop listening, speaking, reading, and writing skills. Students learn basic grammar patterns and vocabulary through dialogues and texts used in real-life situations. By the end of this course, students will be prepared to progress from beginner to intermediate English.

TURK114 Turkish Language II (2+0)2 ECTS:2

Understanding the structure and basic grammatical features of Turkish and understanding the texts read properly.

RCUL104 University Culture II ((0+2)1 ECTS:4

The aim is for the student to become aware of the privilege of being a "university student" that he/she will have throughout his/her university life, and to understand that the university is not just a place of courses and professional acquisition, but that he/she must understand and interpret what is happening in the world and around him/her, and that he/she must be a participant and a guide rather than an observer of these events.

DENT122 Biophysics (2+0)2 ECTS:2

The goal is to convey to prospective physicians the knowledge that explains the mechanisms that regulate events occurring in living organisms using biophysical methods, thus equipping them with the skills to solve clinical problems using the knowledge they acquire. These include the biophysical properties of body fluids, the regulation of acid-base balance, cell membranes, the biological effects of radiation, the effects of electrical currents on tissue, and neurobiophysics.

DCC104 Committee of Basic Sciences in Dentistry II (8+6) 11 ECTS:12

To understand the structural features of the nervous system microscopically and macroscopically and to be able to interpret the functions of the nervous system together with the basic physical principles. The aim of this course committee is to teach the respiratory system and lymphatic system and the embryological development of the cells, tissues and organs that make up these systems; histological and anatomical structure; physiological properties; functions and mechanisms of these functions; To gain knowledge and skills about the relationship of these systems with each other. Teaching the structural and functional properties of endocrine and urogenital systems at the level of organ, tissue, cell type and biomolecule.

DEC104 Technological Developments in Dentistry (1+0)1 ECTS:1

The aim of this course is to teach the basic principles of digital technology used in dentistry.