

**ISTINYE UNIVERSITY**

**VOCATIONAL SCHOOL OF HEALTH SERVICES**

**DEPARTMENT OF ORAL AND DENTAL HEALTH**

**COURSE DESCRIPTION**

**1st Semester**

**ADS111- Dental Anatomy And Morphology | 5 ECTS**

To ensure that our students have sufficient competence in the human anatomy, the procedures they will perform in their professional lives, dominated by the anatomy of maxillofacial joints.

**ADS112- Dental Materials And Instrument Information I | 4 ECTS**

The aims of this course are to teach of the materials and instruments used in dentistry, training of ergonomic usage, the usage areas of dentistry preparations and the theoretical information necessary for correct preparation.

**ADS124- Basic Microbiology | 4 ECTS**

This course covers introduction to microbiology, general characteristics of bacteria, bacterial genetics and metabolism, the structure of viruses, fungi, parasites, sterilization, disinfection, antisepsis, microbiology laboratory research applications topics.

**ADS114- Introduction To Oral Dental Health | 5 ECTS**

In this course, teaching general information about oral health, recognizing microorganisms specific to oral environment, teaching caries formation mechanism and explaining the effects of oral health on general health will be discussed.

**TRM111- Medical Terminology | 3 ECTS**

With this course, students will be able to understand the meanings, they will be able to easily understand and use these terms in their professional and everyday life.

**MSE111- Occupational Ethics | 3 ECTS**

This course will help students learn about the ethical concept and health professional ethics and find solutions to the problems they face in their professional life.

### **ATA111- Atatürk's Principles And History Of Turkish Revolution I | 2 ECTS**

Teaching the military, political, economic and social events of the Ottoman Empire in the internal and external politics, the struggle for national liberation and the formation of the new Turkish Republic.

### **ING114- English I | 2 ECTS**

Students will understand English effectively and use basic grammar of English Rules. Through this course, students will be able to interpret simple dialogues in English and use the new structures and words they have learned in their daily lives.

### **TURK111- Turkish Language I | 2 ECTS**

To give information about language definition, role and importance in communication, verbal and written expression techniques in literary and scientific fields, writing rules and expression disorders.

## **2<sup>nd</sup> SEMESTER**

### **ADS121- Oral And Maxillofacial Diseases Surgery | 5 ECTS**

To provide dental practitioners with the knowledge and skills to undertake oral surgery in the context of wider knowledge of oral and maxillofacial surgery.

### **ADS122- Oral And Maxillofacial Radiology And Prevention Methods | 5 ECTS**

This course is aimed to teach the students medical and dental anamnesis, evaluation of vital symptoms, examination methods, formation and properties of X-ray, x-ray machines and radiation sources and improvement and protection against to radiation sources.

### **ADS123- Sterilization Principles And Methods | 5 ECTS**

Asepsis, Antisepsis, Disinfection, knowing sterilization concepts, providing sterilization for operating room and instruments, stabilizing sterilization, Preventing infection in the operating room.

### **Pharmacology | 4 ECTS**

In this course, basic pharmacological concepts, specific mechanisms of drug action and the system will be discussed.

### **ADS125- Dental Materials And Instrument Information II | 5 ECTS**

This course covers teaching of the materials and instruments used in dentistry, training of ergonomic usage, the usage areas of dentistry preparations and the theoretical information necessary for correct preparation.

### **ATA121- Atatürk's Principles And History Of Turkish Revolution II | 2 ECTS**

This course examines Atatürk's principles and reforms and the political developments after the Ataturk with the establishment process of the Republic of Turkey.

### **ING124- English II | 2 ECTS**

Students will be able to understand English, use it effectively and compare basic grammar rules of English. Through this course, students can comment on simple dialogues in English and use the new structures and words they have learned in their daily lives.

### **TURK121- Turkish Language II | 2 ECTS**

Proper use of punctuation marks in writing, development of plain text writing skills, listening and reading skills are taught.

## **3<sup>rd</sup> SEMESTER**

### **Clinical Assistant In Oral And Maxillofacial Diseases And Treatment I | 8 ECTS**

This course aims to provide clinical necessary practice knowledge for oral and dental diseases and improvement and protection of oral and dental health.

### **Manifest Of Istinye University I | 1 ECTS**

After graduation of Istinye University students to increase their employability, social and life skills to help them discover and increase their skills. The Manifesto of Istinye University in different categories such as art, sports, career and so on. students participating in the activities are expected to report on the activities they attend. After the evaluation of the report prepared by the student center, the students are counted as past or repeated.

### **Information And Communication Technology | 4 ECTS**

Use computer at basic level (preparing documents, preparing tables, preparing presentations, using internet).

### **ILK111- First Aid | 3 ECTS**

First aid entry and general characteristics, evaluation of basic life function, respiratory and circulatory system, first aid injury, bleeding in first aid, shock and first aid, burns and first aid, poisoning and first aid, fracture-dislocations and sprains first aid, basic life support

### **ADS214- Compulsory Internship | 5 ECTS**

The professional knowledge gained at the school, students will receive internships during the thirty working days at the end of the 3rd semester to ensure that they acquire new practical and technical skills, to acquire business skills, and to communicate effectively with other disciplines and administrators.

### **Preventive Dentistry | 4 ECTS**

Society, health and preventive dentistry and its application areas, factors affecting oral health protection, protective oral-dental health methods, caries etiology and prevention of caries, public awareness methods.

### **SAI211- Communication In Health | 3 ECTS**

The aims of the course are to teach empathy, good and effective Speaking, public Relations in health services and social anthropology.

### **SKA211- Quality And Accreditation In Health | 2 ECTS**

The aim is to acquire knowledge and skills in quality of health and accreditation.

## **4<sup>th</sup> SEMESTER**

### **Clinical Assistant In Oral And Maxillofacial Diseases And Treatment II | 8 ECTS**

This course aims to provide clinical practice knowledge for oral and dental diseases and improvement and protection of oral and dental health.

### **ADS222- Diseases Information | 5 ECTS**

The system of the body and the basic knowledge of the diseases which are related to these systems are transferred to the students.

**ADS223- Clinic Management And Patient Records | 4 ECTS**

In this course,examination of patient health registry systems and learning of effective use.

**Manifest Of Istinye University II | 1 ECTS**

After graduation of Istinye University students to increase their employability, social and life skills to help them discover and increase their skills. The Manifesto of Istinye University in different categories such as art, sports, career and so on. students participating in the activities are expected to report on the activities they attend. After the evaluation of the report prepared by the student center, the students are counted as past or repeated.

**ADS224- Basic Professional Skills | 5 ECTS**

The aim of this course is to provide the students with various skills necessary for clinical practice.

**ADS225- Approach To The Patient | 2 ECTS**

In this course, to understand the importance of auxiliary staff - patient, assistant staff - physician relation are aimed.

**ISR221- History Of Art | 3 ECTS**

What is art , Style, perception and representation, Periodization of civilization history, Formation and development processes of Turkish art before and after Anatolia, Art-architecture and culture in the first Turkish-Islamic states, Architecture and decoration program of Seljuk and Beylik period The process of formation and development of Turkish art during the period of Early Ottoman, Ottoman and Westernization, Internal and external influences on the formation of Turkish art, Art movements and the effects of these movements on architecture, The development process of Turkish ornamentation and handicrafts.

**ING221- Vocational English | 2 ECTS**

In this course, to deal with the basic concepts of professional English, improve understanding skills, contribute to writing and speaking skills are aimed.