

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC 100	Basic Science Course 1	-	11	35	Compulsory Course

Will be able to define the basic concepts related to the structure, structure and functioning of the cell. Will be able to explain basic genetic concepts. Will be able to explain biochemical metabolic pathways. Will be able to define microbiological concepts. Will be able to describe the anatomical structure of organs and structures of the organism. Will be able to define the basic concepts related to the structuring and functioning of tissues. Will be able to comprehend the microscopic structures of normal tissues and organs. Will be able to explain the mechanisms of biochemical synthesis. Will be able to comprehend the physiological mechanisms of the organism. Will be able to define biophysical concepts. Will be able to explain basic anatomical concepts. Will be able to explain the concepts of emergency approach to the patient. Will be able to define important health problems and basic health services in Turkey and in the world. Explain the embryonic development process. Will be able to describe the anatomical structure of organs and structures of the organism. Will be able to describe the historical development of medicine and ethical rules. Will be able to comprehend the relationship between science and medicine. Gain knowledge about the coexistence of medicine and philosophy, whose common areas are human.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Core/Elective Course
DFC103	Dental anatomy and morphology	(1,0,4)	3	15	Compulsory Course

Permanent and primary dentition stages. Occlusion of permanent teeth. Terminology. Permanent and primary tooth notation systems. General information about the temporomandibular joint. Maxillary permanent central tooth morphology. Maxillary lateral tooth morphology. Maxillary canine tooth morphology, Maxillary 1st premolar morphology. Maxillary 2. Premolar morphology. Maxillary 1. Molar morphology. Maxillary 2. Molar morphology. Mandibular central morphology. Mandibular lateral morphology. Mandibular canine morphology. Mandibular 1. Premolar morphology. Mandibular 2. Premolar morphology. Mandibular 1. Molar morphology. Mandibular 2. Molar morphology. Mandibular movement mechanics.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
AIT121	Atatürk's Principles and the History of Turkish Revolution I-II	(2,0,0)	1	2	Compulsory

The reasons that prepared the collapse of the Ottoman Empire and the Turkish Revolution. Disintegration of the Ottoman Empire, Tripoli War, Balkan Wars, First World War. Armistice of Mudros. The situation of the country in the face of the occupations and the reaction of Mustafa Kemal Pasha, the departure of Mustafa Kemal Pasha to Samsun. The opening of the Turkish Grand National Assembly of the National Struggle. Treaty of sevr. The Lausanne Peace Treaty. Atatürk's Principles: Republicanism, Nationalism. Populism, Statism. Secularism, Revolutionism. Abolition of the Sultanate; Proclamation of the Republic; Taking the Election Decision in the First Parliament; Establishment of the People's Party; Ankara Becoming the Capital, Proclamation of the Republic and Reactions; Abolition of the Caliphate (The Emergence of the Problem of the Caliphate and the Events Preparing the Abolition of the Caliphate), Progressive Republican Party and Sheikh Said Rebellion; Law of Takrir-i Sukun; Closing the Progressive Republican Party; İzmir Assassination Attempt), Free Republican Party and Menemen Incident; An Overview of Atatürk-Inönü Separation, Revolutions and

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
	<p>Their Goals; Revolutions in Law; 1924 Organization-ı Esasiye Law; Adoption of the Turkish Civil Code; Adoption of Other Basic Laws; Revolutions in Women's Rights, Education and Culture; The Law of Unification of Education; Adoption of the New Turkish Alphabet; New Understanding of History and Language; From Darülfünun to Istanbul University; Fine Arts, Developments in Economics; Late Ottoman Economy; Turkish Economy Congress and Its Results; Economic Activities in the First Years of the Republic; Transition to the Practice of Statism, Revolutions Made in Social Life (Modernization in Clothing: The Law on Wearing Hats; Closure of Lodges, Zawiyas and Tombs, Adoption of International Time, Calendar, Numbers, Measurements and Week Holidays; Adoption of the Law on Surnames; Developments), Turkey's Foreign Policy in Atatürk Era; Years 1919-1923; Years 1923-1930, Going to the Second World War and Turkish Foreign Policy 1931-1939, Principles of Atatürk; General Overview of Atatürk's Principles; Republicanism, Nationalism, Populism, Statism, Secularism, Revolutionism, İsmet İnönü Period (1938-1950); Domestic Policy During the Second World War; Establishment of the Democratic Party, Democratic Party Period (1950-1960); May 27 Military Intervention and National Unity Committee.</p>				

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
TUR121	Turkish I-II: Written Expression	(2,0,0)	1	2	Compulsory
<p>Reading passages related to the chapter; grammar studies; vocabulary and translation activities; listening activities; debates on current issues related to the department (Repetition of tenses, Internet history, Health and medicine, passive frameworks, Social issues, Environmental problems, Repetition of moods, Law and punishment, repetition of adjective clauses, Language and Literature, Repetition of noun clauses. Spelling, punctuation and composition (punctuation marks, other signs) , Spelling, spelling rules (capital letters, spelling of numbers, spelling of abbreviations, spelling of quoted words) , Composition (purpose of composition, method of writing composition), plan in composition, introduction, development, conclusion, Expression features, Clarity in expression, simplicity in expression, sincerity in expression, Expression disorders (using synonymous words in sentences), Misuse of idioms, Expression styles (explanation, story, concise expression, description, satire, portrait, proof, speech, types of verse expression) , Types of oral expression (daily and impromptu speaking, prepared speech, panel discussion, panel), Written expression (letter, telegram, greeting, invitation, literary letter), business letters, official letter, petition, report, report, decision, announcement, advertisement, conversation, criticism, memoir, travel article, interview, survey, autobiography, biography, novel , story, fable, fable, drama, tragedy, drama, screenplay).</p>					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory /Elective Course
ING121	English I-II	(3,0,0)	1	3	Compulsory
<p>Introducing yourself, giving personal info, talking about objects, talking about family, describing and talking about buildings and furniture, talking about schedules, talking about routines, ability, asking for and giving directions, talking about food and quantities. Explaining a recipe, ordering food and making requests, comparing things/people/places, talking about now, making suggestions and arrangements, talking about past, giving advice, talking about the future, checking into a hotel.</p> <p>Note: This course is offered by the faculties with the annual system of education in which the medium of instruction is Turkish.</p>					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Core/Elective Course
EDC102	Organizational Behaviour	(1,0,0)	1	1	Elective Course

Definition of Organizational Behavior, Conjunctions of Organizational Behavior, Health sector, management and managerial characteristics, Factors to be considered in the success of the institution: Cooperation and performance, Motivation, Job satisfaction, Organizational culture, Institutional image and job descriptions, Strategic Planning, Mentoring in Health Institutions, Ethics.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Core/Elective Course
EDC104	Collective Service Applications and Project Development	(1,0,0)	1	1	Elective Course

Importance of service to society, Importance of cooperation with non-governmental organizations, Practices of cooperation with non-governmental organizations, Presentation of projects, Reporting of projects.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Core/Elective Course
EDC106	Health Tourism	(1,0,0)	1	1	Elective Course

Introduction to Health Tourism, Basic Concepts and Terms of Health Tourism, Historical Development of Health Tourism, Types of Health Tourism, Applications of Health Tourism (Example of Turkey), Applications of Health Tourism (Examples from the World), Definition of Thermal Tourism, Importance and Applications, Definition of Medical Tourism, Importance, Features and Applications, Definition, Scope, Importance and Applications of Spa-Wellnes Tourism, Definition, Importance and Applications of Senior Tourism and Disabled Tourism, Importance of Marketing Activities in Health Tourism and Tourism Policies.

SECOND YEAR

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC200	Basic Medical Sciences I	(7,0,2)	8	16	Compulsory Course

Methods of medicine, basic concepts and approaches of medical ethics, physician-patient relationship, Anatomy, histology and physiology of central nervous system structures, Eye anatomy and visual pathways, ear anatomy, histology and physiology, Autonomic nervous system physiology, Cardiovascular system anatomy, histology and Physiology, Histological features of endothelial cells, Anatomy, histology and physiology of the lymphoreticular system, Anatomy, histology and physiology of the digestive system, Anatomy, histology and physiology of the endocrine system, Principles of Professional Ethics, the rules of doctor-patient relationship, Pathological mechanisms that play a role in cell and tissue damage , Autoimmunity and autoimmune diseases, Pharmacokinetics and pharmacodynamics, Parasites, Viruses Bacteria Fungi, Factors that change drug-receptor relationship and drug effect, drug toxicity pharmacology, Rheumatological diseases

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC203	Prosthodontics I	(1,0,4)	3	12	Compulsory Course

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
					Preparation principles of crown-bridge prosthesis. Crown-bridge preparation in the preclinic. Impression process, master model. Classification of fixed prostheses. Types of crowns. Jacket crowns. Full metal crowns. Full ceramic crowns. Dental anatomy related to form and function. Introduction to occlusion and the basics of occlusion. Occlusion and physiology of permanent dentition. Articulators, usage areas and applications. Mandibular movements and their determinants. Candle modeling and techniques. Partial crowns. Laminate veneer crowns. Retraction. Dental ceramic application techniques. Temporary crown-bridge.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC204	Restorative Dentistry I (Preclinic)	(0,0,4)	2	6	Compulsory Course
					Work on cavidryl bloks, Black I, Black II, MOD, Black III, Black IV, Black V cavity preparations on phantom head jaws and teeth

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC205	Cariology and Preventive Dentistry	(1,0,0)	1	3	Compulsory Course
					Histological structure of enamel and dentin, introduction to tooth caries, description and etiology, dental caries and its clinical features, theories of caries, caries of enamel, dentin and cement, classification in traditional cavity preparations, BL I, BLII,BL III, MOD, BL IV, BL V cavity preparations, hands tools used in dentistry, Histological structure of enamel, dentin, cement and pulpa on primary teeth, etiologi of caries in primary teeth, localization and classification, the mechanism of demineralisation and remineralisation in enamel, treatment of initial caries lesions, feeding and caris, anti-caries effects of foods, caries risk assessment, caries activity tests, fluor in dentistry, fluor applications and treatmens, chemoprophylaxis, fissur sealent applicaions, protective practices in children requiring special care, treatment plans of caries risk according to age groups

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC206	Endodontics I	(1,0,4)	3	6	Compulsory Course
					History of endodontics, Working and maintenance principles of cavity opening devices used in endodontics, Canal morphology and access cavities, Instruments used in endodontics, Pulp and periapical tissues anatomy and physiology, Pulp anatomy and histology, Dental hard tissue anatomies; Enamel, dentin, cement.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory /Elective Course
DFC207	Material Sciences	(1,0,0)	1	3	Compulsory Course
					Biological compatibility of dental materials, Impression materials used in fixed dentures, plaster, ceramics, materials used in fixed prosthesis, dental cements, amalgam, composite resin materials, dentin bonding systems, traditional glass ionomer cement and its properties, glass ionomer-containing materials, biomaterials and their properties , materials used in preventive dentistry, physical and mechanical properties of dental materials.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC211	Creative Writing and Drama	(1,0,0)	1	3	Elective Course

Giving information about the concepts and techniques used in creative writing., Introducing writing types and techniques, Introducing drama genres, Writing blockages and overcoming them, Tips to facilitate writing, Conscious reading, Verbal interactive improvisation story, Body language, Relations with patients, Completing a written story, Common story, Translating what is seen in the picture into text

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
ICT121	Introduction to Information Technologies	(3,0,0)	2	3	Compulsory Course

Basic components that make up the computer system: Processor, input-output units, storage and other peripherals, Operating systems: Working effectively in the operating system, personalizing and managing the system, Introduction of auxiliary software: Archiving programs, audio/video player programs, screen recording programs, computer network systems, Word processing programs: Text and page editing, Working with tables, pictures and graphics, creating forms, letters and labels. Customize menus and toolbars, and create advanced applications and effective homework reports. (MS WORD), Web Software and Video processors.

THIRD YEAR

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC 300	Basic Medical Sciences II	(4,0,0)	3	8	Compulsory Course

History of anesthesia, Pain, introduction, threshold value, Pain neuron transmission, Pain receptor perception 1, Pain receptor perception 2, Central nervous system, Pain classification, Pain control methods, Areas of use in local anesthesia and dentistry, Local anesthetic substances and their physicochemical structures, The relationship between nerve fibers and local anesthetic agents, Vasoconstrictor substances, Necessary tools, principles and important points for local anesthesia, Sedation applications in dentistry, Local Anesthesia Techniques, Local Anesthesia Techniques (continued), Local anesthesia indications, Local anesthesia complications, Local anesthesia complications (continued), Systemic emergencies, Anaphylactic Shock, Drug Interactions and Prescribing, Introduction to Chemotherapeutic Drugs, Beta Lactam Antibiotics, Aminoglycosides, Quinolones, Macrolides, Sulfonamides, Tetracyclines, Amphenicols, Antiseptics, Disinfectants, Antibiotic Use in Dentistry, Chemotherapeutic Drugs-1 Chemotherapeutic Drugs-2, Parasympathomimetic Drugs, Parasympatholytic Drugs, Sympathomimetic Drugs, Sympatholytic Drugs, Drugs Acting on Ganglions, Important topographic points, lines and angles in the head, Topographic regions of Regio capitis, Superficial areas of the face; regio orbitalis, regio nasalis, regio oralis, regio buccalis, regio parotideomasseterica, regio mentalis, Deep areas of the face; region infratemporalis, regio pterygopalatina, regio pharyngea, Facial layers of the neck, Regio cervicalis anterior, Regio cervicalis lateralis, Regio sternocleidomastoidea, Potential cavities in the head and neck, Distribution of infection in the cavities in the head and neck, Anatomy of local anesthesia. Transmission routes of infectious diseases, Oral microbiota and oral defense mechanisms, Gram positive bacteria, Gram negative bacteria, Anaerobic bacteria, Actinomycetes and spirochetes, Mycobacteria, Microbial etiology in tooth decay, Oral lesion viruses and chronic infectious agents, Salivary gland infections, Endocarditis and sepsis, Infections transmitted by blood/body fluids, Medical microbiological diagnosis and sampling, Vaccines and serums, Hypersensitivity reactions

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
DFC303	Prosthodontics II	(1,0,4)	3	5	Compulsory Course
<p>Introduction to removable prosthetic treatment. Examination, micro and macro anatomy in removable partial prostheses. Removable Partial dentures and their terminology. Removable Partial dentures and their terminology. Oral preparations before removable partial dentures. Parallelometry and Laboratory technics. Biomechanical concepts in removable partial dentures. Introduction to removable partial dentures and classification of Kennedy. Axes of movements, planning in partial dentures. functional measure. Removable partial prosthetic components.. Occlusion in removable partial dentures. Kennedy 1 and 2 and Kennedy 3 and 4. Impression in full (total) dentures. Herbst tests and impression. removable prostheses Recommendations to the patient about removable prostheses.</p>					

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
DFC304	Restorative Dentistry II	(1,0,4)	3	5	Compulsory Course
<p>Introduction to Cariology (Microbiology of Plaque), Caries Types, Caries Classification, ICDAS I-II, Caries Diagnosis Methods, Layers of Enamel Caries, Layers of Dentinal Caries, Caries Removal Methods, Atraumatic Restorative Treatment, Indirect Pulp Coating, Direct Pulp Coating, Ergonomics, Demineralization, Dispositional Factors, Minimally Invasive Dentistry, Remineralization Agents, Tooth Wear, Erosion, Abrasion, Abfraction. Adhesive, Mechanical/Micromechanical Retention, Etch and Rinse Bonding Systems, Self Etch Bonding Systems, Light Sources, Preparation and Color Selection Steps in Composite Restorations, Application of Insulation and Composite Resin to the Cavity, Finishing and Polishing Operations in Composite Restorations, Class I, II, III, IV, V, VI Composite Restorations, Glass Ionomer Cements</p>					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC305	Pediatric Dentistry I	(1,0,4)	3	5	Compulsory Course
<p>Embryological development of teeth, eruption in primary and permanent teeth, eruption diseases, characteristics of deciduous teeth, differences with permanent teeth, etiology and localization of caries in primary dentition, classification of caries in primary dentition, early childhood caries and preservation methods, purpose of restorative treatment in primary teeth. Issues to be considered while making a restorative treatment plan in teeth, cavity principles in primary teeth, restorative materials used in deciduous teeth, minimally invasive restorations in primary teeth, medical and dental history in pediatric dentistry, intraoral and extraoral examination in pediatric dentistry, radiological examination in pediatric dentistry, caries risk determination, activity tests and remineralization, psychological approach in children, behavioral guidance in children with pediatric patients and children requiring self-care, general anesthesia and sedation in pediatric dentistry, endodontic treatment principles in deciduous teeth, indirect treatment principles in deciduous teeth, amputation treatments in deciduous teeth, deciduous tooth amputation methods and the medicaments used, shape and tissue anomalies in deciduous and permanent teeth, size and number anomalies in deciduous and permanentteeth.</p>					

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
DFC306	Endodontics II	(1,0,4)	3	5	Compulsory Course

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
					Canal working length determination, Root canals shaping, Tooth morphology access cavities, Filling of root canals, Endodontic complications, Root canal medication, Irrigation, Single session multiple session root canal treatments, Isolation of teeth, Use of Rubber Dam, Endodontic microbiology, Pulp diseases, Pulp reaction to restorative materials and pulp inflammation, Endo-Perio lesions, Dental Anomalies and Endodontic Approaches, Vital pulp treatments, Amputation treatments.

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
DFC307	Oral Maxillofacial Radiology I	(1, 0, 0)	1	3	Compulsory Course
					Main definitions in radiology,x ray history,The use of X-rays in dentistry, history of x-rays,X-ray properties and uses, Physics and X-rays, Coolidge tube, laws, filtration, collimation,radiobiology and dose units,The use of X-rays for diagnosis and treatment, Radiation protection, X-ray film,X-ray film bath, dark room,projection rules,Radiographic quality and image properties,artifacts,Anamnesis form, Examination Techniques, Extraoral Examination

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
DFC 308	Oral and Maxillofacial Surgery I	(1,0,0)	1	3	Compulsory Course
					Principles of Oral and Maxillofacial Surgery,Case history,Examination&Diagnosis,Sterilization, pregnancy period &surgery, biphosphonates, Systemic diseases, Head &neck lymphatic system, Edema, Necrosis,inflammation, infection, wound , wound types &wound healing, Biopsy, Allergy,Tooth extraction, techniques, tools,complications

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
DFC309	Orthodontics I	(1,0,0)	1	3	Compulsory Course
					Definition of orthodontics, the relationship between orthodontics and growth and development, Embryology, Growth and development terminology, Functional matrix theory, Bone growth centers and their locations, Prenatal and postnatal growth and development of the skull base, Prenatal and postnatal growth and development of the skull dome, Prenatal and postnatal growth and development of the maxilla, Prenatal and postnatal growth and development of the mandible, Evaluation of the craniofacial complex, Growth and development of dental arches, transition from primary dentition to permanent dentition, Definition of Normal, Functional anatomy, Factors involved in the etiology of malocclusion, Hormones and abnormal pressure habits, Respiratory Evaluation of Dysfunctions, Orthodontic diagnosis and anamnesis, orthodontic model, hand-wrist radiographs, periapical and occlusal radiographs, photography, Cephalometry and cephalometric analysis, Functional analysis, Skeletal anomalies, Congenital anomalies, Cleft lip and cleft palate and craniofacial anomalies, Evaluation of the stomatognathic system, hormones and habits, evaluation of growth-development and diagnostic methods

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC310	Periodontology I	(1,0,0)	1	3	Compulsory Course
<p>Periodontium tissues and embryology, Anatomy and histology of periodontium - gingiva, periodontal ligament, cementum, alveolar bone, Etiology of periodontal diseases - microbial dental plaque, Pathogenesis of periodontal disease, host response, Risk factors of periodontal diseases, Periodontal bone loss, pocket formation, Periodontal and peri-implanter disease and condition classification, Gingivitis-Periodontitis-Peri-Implantitis, Periodontium abscesses, Endo-perio lesions, Periodontal examination and recording, Radiological periodontal evaluation, Treatment planning, Non-surgical periodontal treatment, Plaque control, and oral care products, methods, supportive treatment</p>					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC312	Clinical Fundamentals I	(1,0,0)	1	2	Compulsory Elective Course
<p>Introduction of Pedodontics, Important Points in Pedodontics Clinic, Introduction of Endodontics, Important Points in Endodontic Clinic, Introduction of Periodontology, Important Points in Periodontology Clinic, Introduction of Prosthetic Dentistry, Important Points in Prosthetic Dentistry Clinic, Introduction of Oral and Maxillofacial Surgery, Oral and Maxillofacial Surgery Important Points in Maxillofacial Surgery Clinic, Introduction of Oral and Maxillofacial Radiology Important Points in Oral and Maxillofacial Radiology Clinic, Introduction of Restorative Dentistry, Important Points in Restorative Dentistry Clinic, Introduction of Orthodontics, Important Points in Orthodontics Clinic</p>					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC313	Clinical Fundamentals II	(0,2,0)	1	2	Compulsory Elective Course
<p>Observation in dental clinics</p>					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC314	English for Dentistry	(1,0,0)	1	2	Compulsory Elective Course
<p>Life Style (Check up, Listening, Vocabulary, Glossary), Parents and Young Children(Check up, Listening, Vocabulary, Glossary), Communication(Check up, Listening, Vocabulary, Glossary), Working in a team(Check up, Listening, Vocabulary, Glossary).</p>					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC315	English for Dentistry II	(1,0,0)	1	2	Elective Course
<p>Life Style (Check up, Listening, Vocabulary, Glossary), Parents and Young Children(Check up, Listening, Vocabulary, Glossary), Communication(Check up, Listening, Vocabulary, Glossary), Working in a team(Check up, Listening, Vocabulary, Glossary). 1) picture description activity: about the connection between doctors and young children 2)listening skills activity: talking about oneself 3) Vocabulary activity: good qualities of a pediatrician, class 4) glossary assignment, , Unit 7; 1) picture description activity : checkup part; students verbally described what they see on the pictures during the live session 2) Vocabulary activity: negative and positive qualities of a pediatrician, the meaning of prefixes were explained and also different examples were given by the students. They learnt how to use prefixes in a sentence 3) Listening Activity: usage of some children disease in daily language and their symptoms was discussed 4) glossary assignment was given, : English in Medicine Book, : English in Medicine Book, Unit -7 second part. 1) vocabulary : Signs and symptoms of a common child disease 2) Listening: Reassuring an anxious person:</p>					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
					students tried to fill the dialogue between mother and doctor about meningitis 3) Language Spot (grammar) : The usage of first and second conditional clauses were explained with sample sentences and related practice activities were done. 4) Listening: Sharing experience with colleagues to obtain feedback and advice. 5) Reading: students are asked to put the extracts to complete the text on recommendations for the use of vaccine. 5) Glossary assignment was given for the following week 6) if clause (type 1 -2) exercises were posted on Use as supplementary materials, : English in Medicine Book, Unit -8 first part. 1) checkup: Communication difficulties with different patients and then matching the pictures with doctor's thoughts. 2) vocabulary: Patient care, the common reasons why patient's language is vague 3) Listening: Acknowledging verbal cues. matching patient's statements and doctor's questions. Underlining the emphasizing word in each sentence., : English for Medicine Book Unit 8 part 2. 1) Language Sport: Open and closed questions. Students practiced creating open end questions. They also practiced differentiating open and close end questions. 2) Listening: Appropriate response to patients in each case. 3) Vocabulary: students completed sentences with the words related to alcohol, : English for Medicine Book Unit 11 part 1. 1) Checkup: matching the picture and the conversations about teamwork. 2) Vocabulary: Match the adjectives with nouns about team word and completing the sentences with teamwork related adjectives. 3) Listening: Polite and more polite expressions 4) Students were given a weekly assignment from dentistry glossary, English for Medicine Book Unit 11 second part. 1) Language spot: being polite; asking for permission, offering for help, asking for help. 3) Use of English: completing the sentences with the words related to being polite. 4)Reading: Omar Noori about working in a team and how to deal with the working environment: Answering the questions,

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC317	Periodontal Diseases and Treatments	(1,0,0)	1	3	Compulsory/Elective Course
					Systemic diseases and periodontal approaches, Periodontal approaches in cardiovascular disease, Periodontal approaches in women, Periodontal approaches in patients with bleeding disorders, Periodontal approaches in bisphosphonate use, Periodontal approach in pulmonary disease, Periodontal approaches in children, Periodontal approaches in the elderly, Periodontal approaches in cancer patients, AIDS and periodontal approach, Smoking and periodontium, Halitosis, Periodontal treatment and equipment.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC318	Research Techniques I	(1,0,0)	1	5	Compulsory/Elective Course
					Concepts, Hypothesis, Theory, Law, Scientific Research Definition and Methods, Scientific Research Steps, Scientific Research Types, Effective Scientific Presentation Techniques, Scientific Literacy, Student Presentation Course

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC302	Quality of Health and Accreditation	(2,0,0)	2	4	Elective Course
					The concept of quality in Health Services: Definition, philosophy, importance in terms of health services, Quality control, quality assurance, improvement of quality, Continuous improvement of quality in health, teamwork, History of Total Quality Management, Implementation of quality management: Deming Cycle and PUKO concept, for Total Quality Management methods: Accreditation, Standardization, Benchmarking, Total Quality management: Responsibilities of Management, Total Quality management: Patient orientation,

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
	Patient rights, patient satisfaction, Total quality management: Employee participation, Patient and employee safety, Accreditation, certification and quality features in Health Services, Health service quality accreditation standards, Joint Commission International Standards				

FOURTH YEAR

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC403	Prosthodontics III	(1,4,0)	3	5	Compulsory Course
Introduction of removable partial denture. Adjustment and polishing of removable partial dentures. Examination, micro and macro anatomy. Removable Partial dentures and their terminology. Oral preparations before removable partial denture . Paralelometer and Laboratory technics. Biomechanical concepts in removable partial dentures. Introduction to removable partial dentures and placement of prothesis. Axes of movement, planning in partial dentures. Removable partial dentures components and parallelometer.. Occlusion in removable partial dentures. Kennedy 1, 2 and Kennedy 3, 4. Impression in full (total) dentures. Herbst experiments and impression. Recommendations to patient about removable prostheses. Adjustment in removable prostheses. Post-prosthetic problems and solutions. Laboratory technics in removable prostheses. Demonstration. Soft lining materials, Functional impression demonstration					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC404	Restorative Dentistry III	(1,4,0)	3	5	Compulsory Course
Fiber- supported restorations, indirect restorative materials and restorations, failure of restorative materials, repair of restorations, aesthetic parameters, diagnosis and treatment of diastema, composite laminate veneer restorations, porcelain laminate veneer restorations, adhesive denistry in clinical applications, aesthetic and cosmetik dentistry, finishing and polishing processes in filling materials, adhesive cementation, CAD-CAM materials in restorative treatment, dentin hypersensitivity, Laser in restorative dentistry, laser physics, dental laser applications in restorative dentistry, laser bleaching, laser applications in dentin hypersensitivity, safe use od dental laser, pain kontrol in restorative dentistry, adhesive applications in clinic (case reports and presentations)					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC405	Pediatric Dentistry II	(1,4,0)	3	5	Compulsory Course
Vital Treatment of Young Permanent Teeth, Endodontic Treatment of Devital Young Permanent Teeth, Development of Milk and Mixed Density, Effect of Early Deciduous Tooth Loss on Dentition, Placeholders and Child Prosthesis, Primary Tooth Injuries and Treatments, Classification of Tooth and Supporting Tissue Injuries in Children, Etiology and Examination , Crown Fractures, Crown-Root Fractures, Root Fractures and Treatments in Children, Periodontal Tissue Injuries and Treatments in Children, Diagnosis and Treatment Planning in Chronic-Systemic Diseases in Pediatric Dentistry, Rational Drug Use in Pediatric Dentistry, Diagnosis and Treatment Planning in Disabled Patients in Pediatric Dentistry , Periodontal Diseases in Children, Bacterial and Viral Diseases and Intraoral Findings in Children, Hypomineralization of the Molars, Indication of Local Anesthesia and Primary Tooth Extraction in Children, Child Abuse and Neglect, Stem Cell Applications in Dentistry, Laser Application Areas in Pediatric Dentistry, Treatment					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
	Planning Development of Milk and Mixed Density, Effect of Early Primary Tooth Loss on Dentition, Use of advanced technologies in Pediatric Dentistry, Case Discussion				

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC406	Endodontics III	(1,4,0)	3	5	Compulsory Course
Anamnesis and examination . Root resorptions . Emergency treatments in endodontics . Root crack , fracture, diagnosis and treatment. Use of Rotary and Ni-Ti files . Whitening . Retreatment of root canal fillings . Endodontic surgery . Geriatric endodontics . Post applications in endodontics . Endocron . Antibiotic use , prophylaxis, use of analgesics . Endodontic radiography . Endodontic success and failure . Endodontic anesthesia.					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC407	Oral and Maxillofacial Radiology II	(1, 4,0)	3	4	Compulsory Course
Pain, Cardiovascular Diseases, Endocrine System Diseases, Pulmonary Diseases, GIS Diseases, Neurological Disorders, Evaluation of Various Oral Infections, Developmental Anomalies of Oral and Perioral Tissues, Regressive Changes in Teeth, Developmental Disorders of Lip, Oral Mucous and Tongue, Developmental Disorders of Salivary Glands, Bacterial Infections , Viral Infections, Fungal Infections, Protein, CH, Lipid Metabolism Disorders, Skin Diseases, Oral Precancerous Lesions, White and Red Lesions of the Oral Cavity, Syndromes, Odontogenic Tumors, Cases					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC 408	Oral and Maxillofacial Surgery II	(1,4,0)	3	5	Compulsory Course
Apical Rezection, wisdom teeth, surgery of wisdom teeth, reimplantation,antibiotics and surgery, I.V, I.M injections, osteomyelitis, cysts of the jaws, and teratments, anatomical space infections, odontojenic infections and treatment of infections.					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC409	Endodontics II	(1,4,0)	3	4	Compulsory Course
Growth and development of craniofacial structures, Removable appliances and clinical uses, Protective and preventive orthodontic treatment, Serial extraction and eruption guidance, Orthodontic force sources, types and properties, Orthodontic tooth movements and histology, Orthodontic wires and properties, Orthodontic anchors, Tools used in orthodontic treatment and biomechanical properties, Orthodontic and orthopedic devices applying extraoral force, Fixed treatment techniques, Class 1 orthodontic treatment principles, Class 2, division 1 orthodontic treatment principles, Class 2, division 2 and deep bite orthodontic treatment principles, Class 3 orthodontic treatment principles, Orthodontic and orthopedic treatment of openbite cases, Diagnosis and treatment methods of narrow maxilla, Horizontal anomalies					

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
					and treatment principles, Functional anomalies and treatments, Orthodontic treatment of impacted teeth, Cleft lip and palate and treatment principles, Obstructive Apnea Syndrome, diagnosis and treatment approaches, Orthognatic Surgery, multidisciplinary treatment approaches, Trauma, prevention and treatment approaches from an orthodontic perspective, Use of miniscrews for orthodontic purposes, Use of clear aligners in orthodontic treatments, Patient psychology and its effect on orthodontic treatment.

Course Code	Course Name	(T,I,L)	Credit	ECT S	Compulsory/Elective Course
DFC410	Periodontology II	(1,4,0)	3	4	Compulsory Course
					Periodontal Epidemiology, Periodontal Indexes, Furcation, mobility, recession classification, Morphological changes of the gingiva, Gingival discolorations, Place of genetics in periodontology, Place of immunology in periodontology, Emergency periodontal therapy, Antimicrobial periodontal therapy, Prophylaxis in Periodontology, Contact Modulation, Endodontology, Periodontology in Periodontology , Periodontology - Prosthesis Relationship, Periodontology - Orthodontics Relationship, Supportive Periodontal Treatment - Brushing Techniques, Phase II Periodontal Treatment, Repair and Regeneration, Suturing Materials and Principles, Flap surgery, Gingivectomy, gingivoplasty, Mucogingival surgery, Wound healing in periodontal operations, Platelet Rich Platelet, Case Presentation and Discussion

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC412	Oral Pathology	(1,0,0)	1	2	Compulsory Course
					Developmental anomalies, Pulpal, periapical, periodontal pat and osteomyelitis, Cystic lesions of the jaw and neck, White lesions of the oral mucosa, Red blue and vesiculobullous lesions of the oral mucosa, Ulcerative lesions of the oral mucosa, Pigmented lesions of the oral mucosa, Oral benign and malignant epithelial tumors, Odontogenic Tumors, Salivary gland diseases, Connective Tissue Lesions in the Mouth, Non-odontogenic tumors of the jaw bones, Oral Lymphoid tumors (Leukemia and Lymphoma), Oral lesions-HIV, Genetic metabolic diseases.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC413	Oral Biochemistry	(1,0,0)	1	2	Compulsory Course
					Introduction to Oral Biochemistry Connective tissue, collagen, Dental caries, Salivary Biochemistry, Hemogram, Ph, Coagulation, Hormones, Thyroid hormones and Ca metabolism, Halitosis and tartar, Biochemical parameters in diagnosis and treatment follow-up, Laboratory Tests and Clinical Interpretations in Dentistry.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC414	Public Oral Health	(1,0,0)	1	2	Compulsory Course
					Caries prevalence and epidemiological studies in children in our country, infant and child oral health programs, nutritional recommendations to improve community oral and dental health, caries risk assessment in children in terms of community oral health, fluoride use in terms of public health threat, atraumatic restorative treatment in children, periodontal health and diseases, raising awareness of individuals, the importance and place of evidence-based dentistry, epidemiology of periodontal diseases, the place of periodontology in public health, individual and mass education programs, evaluation of dental services and periodontal treatment in our country, caries epidemiology in adult patients, methods of prevention of dental caries in adults and geriatric patients raising awareness of young adults about dental caries and preventive measures

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC 415	Oral and Maxillofacial Diseases	(1,0,0)	1	2	Compulsory Course

Bacterial diseases of the oral mucosa Tuberculosis, Syphilis, AIDS 1, AIDS 2, Actinomycosis, TNM Classification, Candidiasis, Salivary gland diseases 1, Salivary gland diseases 2, HPV, Premalignant Lesions, Superficial diseases of the oral mucosa, Aphthous lesions, Immunological system diseases, Reactive and Inflammatory formations, Potential malignant diseases, Pigmented lesions in the oral mucosa: Leukoplakia, Erythroplakia Introduction, Lichen Planus, Oral Cancers, Odontogenic Tumors, Nonodontogenic tumors, Malignant Tumors 1, Malignant Tumors 2, Sinus Diseases, Maxillofacial Developmental Disorders, Osteopathy.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC411	History of Dentistry	(1,0,0)	1	3	Elective Course

Introduction of the medical history course and its field. to understand and make sense of the day through past-history. professional identity and belonging, human. nature and culture. hand and mind relationship. states of knowledge: religion-philosophy-science and craft-art. scientific and socio-cultural dimensions of health and its problems. evolution of health professions and branches. health education, institutions, regulations, mouth and teeth. origins of dentistry in the history of medicine: surgery-iatromechanics, medicine and dentistry in western tradition, medicine and dentistry in non-western traditions, history of turkish dentistry, people in the history of dentistry, objects and environments in the history of dentistry, books-journals in the history of dentistry, dental Institutions in the history of dentistry, inventions in the history of dentistry, women in the history of dentistry, evaluation about the period. Recommendations for reading the history of medicine and dentistry.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC412	Biostatistics	(2,0,0)	2	4	Elective Course

What is statistics? Important concepts. Tables, graphs, frequency distributions, Measures of central tendency and distribution, Probability, conditional probability, Bayes' theorem, Independence, Some important known distributions: Uniform, Bernoulli, Binomial, Poisson, hypergeometric distribution., Poisson distribution, geometric distribution, negative binomial distribution, Normal distribution, Sampling and Sampling distribution, Hypothesis testing for one heap mean, Hypothesis testing for two heap means, Ratio hypothesis testing, Confidence intervals, Independence, homogeneity, correlation coefficients, Regression, Correlation.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC418	Research Techniques II	(1,0,0)	1	5	Elective Course

Selection of topic for presentation, individual student presentations

FIFTH YEAR

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC511	Adult Integrated Clinic	(0,20,0)	10	20	Compulsory Course

Application of the basic treatments to the adult patient in the clinic.

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC512	Pediatric Integrated Clinic	(0,20,0)	10	10	Compulsory Course
Application of the basic treatments to the pediatric patient in the clinic.					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC 514	Public Oral Health	(0,4,0)	2	2	Compulsory Course
Public health and oral health screening work					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
DFC 515	Oral and Maxillofacial Surgery III	(1,0,0)	1	1	Compulsory Course
Condyl Fractures, Treatments, maxillofacial Traumas, diagnosis, treatments, Mid Facial Fractures, orthognatic surgery, Le Fort Fractures and surgery, Mandibular Fractures & treatments, Maxillary & Mandibular Osteotomies, Imtra- Oral Bone grafts end bone healings.					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC511	Geriatry in Dentistry	(1,0,0)	1	2	Elective Course
Periodontal problems and treatment approaches in geriatric patiens, Preventive and restorative approaches in geriatric patients, Endodontic problems and treatment approaches in geriatric patients, Protetic problems and treatment approaches in geriatric patiens					

Course Code	Course Name	(T,U,L)	Credit	ECTS	Compulsory/Elective Course
EDC 518	Research Techniques III	(0,0,0)	1	3	Elective Course
Graduation Thesis.					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC 519	Oral Implantology	(1,0,0)	1	2	Compulsory Elective Course
Implant history and introduction, clinical evaluation, implant surgery, implant indications and contraindications, complications of implant surgery, prosthetic dental treatment introduction to implantology, prosthetic dental treatment introduction to implantology 2, implant biomechanics, crowns on single implant, radiology and oral implantology, peri implant tissues mucositis, peri-implantitis, tissue deficiencies around the implant, solutions.					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC520	Maxillofacial prosthodontics	(1,0,0)	1	2	Elective Course
Introduction and general information on maxillofacial prostheses, Maxillofacial prosthesis usage areas, Maxillofacial prosthesis advantages and disadvantages, Maxillofacial prosthesis materials and lab stages, Cases that can be rehabilitated prosthetically in the oral and facial region, Stents and splints, Obturators, Speech prostheses, Jaw and facial prostheses clinical procedures, Case discussion					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC521	Ergonomics	(1,0,0)	1	2	Elective Course
Ergonomics in General, The Importance of Ergonomics in Working Life, The Place of Ergonomics in Dentistry, Ergonomic Posture-Sitting Positions and the Rules to be Followed, Positions of the Physician, Patient and Assistant by Jaw Segments and the Working Dental Area, Occupational Diseases That May Be Encountered When Ergonomic Rules are Not Followed in Dentistry, Risk Factors in Dentistry , Ergonomic Workspace Layout in Dental Clinics, The Place of Four-Handed Dentistry in Dental Ergonomics, Clinical Tips for Four-Handed Dentistry and Working Principles Compatible with a Dental Assistant, Ergonomics of Four-Handed Dentistry in Restorative Treatment and Endodontics, Ergonomic Tips					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC522	Internal Medicine	(1,0,0)	1	2	Elective Course
Pulse and blood pressure, Tests used in the diagnosis of hemorrhagic diathesis, Bleeding diathesis; Hemophilia A, Hemophilia B, cysts and hepatitis, Normal values of blood parameters and thrombocytopenia, Acute myocardial infarction, Anemia and aplastic Anemia, Acute leukemias, Diabetes mellitus, Thyroid diseases, Shock and anaphylactic shock, Acute adrenal insufficiency and its treatment, Acute joint rheumatism and infective endocarditis.					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC523	Ophtalmology	(1,0,0)	1	2	Elective Course
Eye anatomy and physiology, Eye anatomy and physiology, Eyelid and tear diseases, Cornea and lens diseases, Conjunctiva diseases, Acute and chronic vision loss, Glaucoma, Cataract, Retinal diseases, Optic nerve diseases, Strabismus, Orbital diseases and eye tumors.					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC524	Otolaryngology	(1,0,0)	1	2	Elective Course
Basic ENT anatomy, Rhinosinusitis, Allergic rhinitis, Epistaxis, Oral cavity and oropharynx infections, Otitis media, Deep neck infections, OSA and snoring, Earaches, Head and neck benign tumors and surgical approaches, Sinus diseases and surgery, Salivary gland diseases					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC525	Psychiatry	(1,0,0)	1	2	Elective Course
Psychiatric signs and symptoms, Mood disorders, psychotic disorders and personality disorders, Anxiety disorders and sleep disorders, Somatoform disorders and eating disorders, Substance use-related disorders and cognitive disorders, Basic principles of psychopharmacology and psychiatric treatment approaches, Panic attacks and panic attack intervention , Drug interactions during psychiatric treatments and dental					

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
					treatments, Intervention in dental phobia and dental phobia, Oral health problems associated with psychiatric disorders, Bruxism and its treatment

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC526	Dermatology	(1,0,0)	1	2	Elective Course
	Oral Mucosal Diseases, Drug Eruptions, Urticaria, angioedema, Collagen tissue diseases, Erythematous squamous diseases, Bacterial infections, Fungal infections, Syphilis, Mycobacterial diseases, Viral Diseases, Behçet's Disease, Melanoma-Eczema, Auto-immune bullous diseases.				

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC527	Forensic Medicine	(1,0,0)	1	2	Elective Course
	Death, Sudden Death Incidents, Physical injuries (gunshot wounds, stab wounds, victims), Forensic Toxicology (poisonings, drug use, environmental pollution), Child abuse and Child deaths, Autopsy, Forensic Psychiatry (basic concepts), Crime scene investigation, Role and Importance of Forensic Odontology, Evaluation of dental evidence: dental records and profiling, Identification of human remains, Identification of mass deaths, Use of Bite Marks to Identify Individuals				

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory/Elective Course
EDC529	General Surgery	(1,0,0)	1	2	Elective Course
	Surgical history, anamnesis, physical examination, Disinfection, Asepsis and antisepsis, Wound and wound care, Antibiotic use and prophylaxis in surgery, Surgical infections, Trauma, Acid-base balance, Fluid electrolyte disorders, Hemostasis, surgical bleeding and blood transfusion, Preoperative preparation, Suture materials and Techniques, Burns and frostbite, Parenteral and enteral nutrition, Shock, Postoperative complications				

Course Code	Course Name	(T,I,L)	Credit	ECTS	Compulsory /Elective Course
EDC530	Dental Office Administration	(1,0,0)	1	2	Elective Course
	Practice Management, Organization, Hazardous Materials in the Workplace, Secretariat Consultancy Operations, Material Management in Practice Management, Ensuring Patient Flow, Clinical Operations, Ergonomics, Dental Clinic Waste Management, Paradental, Patient Communication				