

Course categories: UC = University Core; FC = Faculty Core; AC = Area Core; AE = Area Elective; FE = Faculty Elective; UE = University Elective

Semester	Course Code	Course Title	Course Category	Hours			Total Credit	Pre-requisite	ECTS Credit
				Lecture	Tutorial	Lab/Prac.			
1	DENT101	PROSTHETIC DENTISTRY-I	AC	1	0	0	1	-	1
1	DENT103	PROSTHETIC DENTISTRY PRACTICE-I	AC	0	0	6	3	-	3
1	ANTY101	ANATOMY-I	FC	2	0	2	3	-	5
1	BPYS101	BIOPHYSICS	FC	2	0	0	2	-	2
1	BIOL101	MEDICAL BIOLOGY AND GENETICS	FC	3	0	0	3	-	4
1	ITEC100	INFORMATION TECHNOLOGIES	UC	2	0	2	3	-	5
1	TARH101 / HIST111	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REFORMS-I	UC	2	0	0	2	-	3
1	ENGL121	ENGLISH-I	UC	3	0	0	3	-	4
1	TUOG101 / TURK131	TURKISH LANGUAGE-I / TURKISH AS A FOREIGN LANGUAGE-I	UC	2	0	0	2	-	3
Total 9 Courses			TOTAL:	17	0	10	22		30
2	DENT102	PROSTHETIC DENTISTRY-II	AC	1	0	0	1	-	1
2	DENT104	PROSTHETIC DENTISTRY PRACTICE-II	AC	0	0	6	3	-	3
2	DENT106	HISTOLOGY AND EMBRYOLOGY	AC	2	0	0	2	-	3
2	ANTY102	ANATOMY-II	FC	2	0	2	3	-	5
2	CHEM112	ORGANIC CHEMISTRY	FC	3	0	0	3	-	4
2	TARH102 / HIST112	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REFORMS-II	UC	2	0	0	2	-	3
2	ENGL122	ENGLISH-II	UC	3	0	0	3	ENGL121	4
2	TUOG102 / TURK132	TURKISH LANGUAGE-II / TURKISH AS A FOREIGN LANGUAGE-II	UC	2	0	0	2	- / TURK131	3
2	UNIEXX1	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
Total 9 Courses			TOTAL:	15	0	8	22		30
3	DENT201	PROSTHETIC DENTISTRY-III	AC	1	0	0	1	DENT101, DENT102, DENT103, DENT104	1
3	DENT203	PROSTHETIC DENTISTRY PRACTICE-III	AC	0	0	6	3	DENT101, DENT102, DENT103, DENT104	4
3	DENT205	MATERIAL SCIENCES	AC	1	0	0	1	-	2
3	DENT207	RESTORATIVE DENTISTRY-I	AC	1	0	0	1	DENT101, DENT102, DENT103, DENT104	1
3	DENT209	RESTORATIVE DENTISTRY PRACTICE-I	AC	0	0	6	3	DENT101, DENT102, DENT103, DENT104	3
3	BCHM231	BIOCHEMISTRY	FC	2	0	0	2	-	4
3	PHYL101	PHYSIOLOGY-I	FC	2	0	0	2	-	4
3	MBIO101	MICROBIOLOGY	FC	2	0	0	2	-	4
3	TURK241	TURKISH TERMINOLOGY FOR DENTISTRY-I	UC	0	0	0	0	-	0
3	HESC201	RESEARCH METHODS IN HEALTH SCIENCES	FC	2	0	0	2	-	3
3	DNTYXX1	FACULTY ELECTIVE	FE	X	X	X	2	-	4
Total 11 Courses			TOTAL:	11	0	12	19		30
4	DENT202	PROSTHETIC DENTISTRY-IV	AC	2	0	0	2	DENT101, DENT102, DENT103, DENT104	2
4	DENT204	PROSTHETIC DENTISTRY PRACTICE-IV	AC	0	0	6	3	DENT101, DENT102, DENT103, DENT104	4
4	DENT208	RESTORATIVE DENTISTRY-II	AC	1	0	0	1	DENT101, DENT102, DENT103, DENT104	1
4	DENT210	RESTORATIVE DENTISTRY PRACTICE-II	AC	0	0	6	3	DENT101, DENT102, DENT103, DENT104	4
4	DENT212	HEAD AND NECK ANATOMY	AC	2	0	0	2	-	4
4	PHYL102	PHYSIOLOGY-II	FC	2	0	0	2	-	4
4	HESC107	FIRST AID	FC	2	0	0	2	-	3
4	TURK242	TURKISH TERMINOLOGY FOR DENTISTRY-II	UC	0	0	0	0	-	0
4	DNTYXX2	FACULTY ELECTIVE	FE	X	X	X	2	-	4
4	UNIEXX2	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
Total 10 Courses			TOTAL:	9	0	12	20		30
5	DENT323	PROSTHETIC DENTISTRY PRACTICE-V	AC	0	0	2	1	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	1
5	DENT301	DENTOMAXILLOFACIAL SURGERY-I	AC	2	0	0	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	3
5	DENT303	ORAL DIAGNOSIS AND RADIOLOGY-I	AC	2	0	0	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	2

5	DENT305	PEDIATRIC DENTISTRY-I	AC	2	0	0	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	2
5	DENT307	PERIODONTOLOGY-I	AC	2	0	0	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	3
5	DENT309	ENDODONTICS-I	AC	1	0	0	1	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	1
5	DENT311	ENDODONTICS PRACTICE-I	AC	0	0	4	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	3
5	DENT313	DENTAL ANESTHESIA	AC	1	0	1	1	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	2
5	DENT315	RESTORATIVE DENTISTRY-III	AC	1	0	0	1	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	1
5	DENT317	RESTORATIVE DENTISTRY PRACTICE-III	AC	0	0	6	3	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	4
5	DENT319	ORAL DISEASES	AC	2	0	0	2	-	2
5	DENT325	ETHICS AND DEONTOLOGY IN DENTISTRY	FC	2	0	0	2	-	2
5	DENTXX1	AREA ELECTIVE	AE	X	X	X	2		4
Total 13 Courses			TOTAL:	15	0	13	23		30
6	DENT324	PROSTHETIC DENTISTRY PRACTICE-VI	AC	0	0	2	1	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	1
6	DENT302	DENTOMAXILLOFACIAL SURGERY-II	AC	2	0	0	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	3
6	DENT304	ORAL DIAGNOSIS AND RADIOLOGY-II	AC	2	0	0	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	2
6	DENT306	PEDIATRIC DENTISTRY-II	AC	2	0	0	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	2
6	DENT308	PERIODONTOLOGY-II	AC	1	0	0	1	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	2
6	DENT310	ENDODONTICS-II	AC	1	0	0	1	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	1
6	DENT312	ENDODONTICS PRACTICE-II	AT	0	0	4	2	DENT201, DENT202, DENT203, DENT204, DENT207, DENT208, DENT209, DENT210	3
6	PHRM332	PHARMACOLOGY	FC	2	0	0	2	-	4
6	DNTYXX3	FACULTY ELECTIVE	FE	X	X	X	2	-	4
6	UNIEXX3	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
6	UNIEXX4	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
Total 11 Courses			TOTAL:	10	0	6	20		30
7	DENT401	PROSTHODONTICS CLINIC-I	AC	0	0	6	3	-	3
7	DENT403	ORAL DIAGNOSIS AND RADIOLOGY CLINIC-I	AC	0	0	3	1	-	1
7	DENT405	ORTHODONTICS CLINIC-I	AC	0	0	3	1	-	1
7	DENT407	PEDIATRIC DENTISTRY CLINIC-I	AC	0	0	3	1	-	1
7	DENT409	SURGICAL CLINIC-I	AC	0	0	3	1	-	1
7	DENT411	RESTORATIVE DENTISTRY CLINIC-I	AC	0	0	3	1	-	2
7	DENT413	PERIODONTOLOGY CLINIC-I	AC	0	0	3	1	-	1
7	DENT415	ENDODONTICS CLINIC-I	AC	0	0	3	1	-	1
7	DENT417	ORTHODONTICS-I	AC	2	0	0	2	-	3
7	DENTXX2	AREA ELECTIVE	AE	X	X	X	2	-	4
7	DENTXX3	AREA ELECTIVE	AE	X	X	X	2	-	4
7	DENTXX4	FACULTY ELECTIVE	AE	X	X	X	2	-	4
7	UNIEXX5	UNIVERSITY ELECTIVE	UE	X	X	X	3	-	4
Total 13 Courses			TOTAL:	2	0	27	21		30
8	DENT402	PROSTHODONTICS CLINIC-II	AC	0	0	6	3	-	3
8	DENT404	ORAL DIAGNOSIS AND RADIOLOGY CLINIC-II	AC	0	0	3	1	-	1
8	DENT406	ORTHODONTICS CLINIC-II	AC	0	0	3	1	-	1
8	DENT408	PEDIATRIC DENTISTRY CLINIC-II	AC	0	0	3	1	-	1
8	DENT410	SURGICAL CLINIC-II	AC	0	0	3	1	-	1
8	DENT412	RESTORATIVE DENTISTRY CLINIC-II	AC	0	0	3	1	-	2
8	DENT414	PERIODONTOLOGY CLINIC-II	AC	0	0	3	1	-	1
8	DENT416	ENDODONTICS CLINIC-II	AC	0	0	3	1	-	1
8	DENT418	ORTHODONTICS-II	AC	2	0	0	2	-	3
8	DNTY402	INTERNAL MEDICINDE	FC	1	0	0	1	-	1
8	DNTY404	ORAL PATOLOGY	FC	2	0	0	2	-	3
8	DENTXX4	AREA ELECTIVE	AE	X	X	X	2	-	4
8	DENTXX5	AREA ELECTIVE	AE	X	X	X	2	-	4
8	DNTYXX5	FACULTY ELECTIVE	FE	X	X	X	2	-	4
Total 14 Courses			TOTAL:	5	0	27	21		30

9	DENT501	PROSTHODONTICS CLINIC-III	AC	0	0	6	3	DENT401, DENT402	3
9	DENT503	ORAL DIAGNOSIS AND RADIOLOGY CLINIC-III	AC	0	0	3	1	DENT403, DENT404	2
9	DENT505	ORTHODONTICS CLINIC-III	AC	0	0	3	1	DENT405, DENT406	2
9	DENT507	PEDIATRIC DENTISTRY CLINIC-III	AC	0	0	3	1	DENT407, DENT408	2
9	DENT509	SURGICAL CLINIC-III	AC	0	0	3	1	DENT409, DENT410	2
9	DENT511	RESTORATIVE DENTISTRY CLINIC-III	AC	0	0	3	1	DENT411, DENT412	2
9	DENT513	PERIODONTOLOGY CLINIC-III	AC	0	0	3	1	DENT413, DENT414	2
9	DENT515	ENDODONTICS CLINIC-III	AC	0	0	3	1	DENT415, DENT416	2
9	DENT519	PUBLIC ORAL AND DENTAL HEALTH FIELD	AC	1	0	2	2	-	2
9	DENT521	ORAL AND MAXILLOFACIAL SURGERY	AC	2	0	0	2	-	3
9	DENTXX6	AREA ELECTIVE	AE	X	X	X	2	-	4
9	DENTXX7	AREA ELECTIVE	AE	X	X	X	2	-	4
Total 12 Courses			TOTAL:	3	0	29	18		30
10	DENT502	PROSTHODONTICS CLINIC-IV	AC	0	0	6	3	DENT401, DENT402	3
10	DENT504	ORAL DIAGNOSIS AND RADIOLOGY CLINIC-IV	AC	0	0	3	1	DENT403, DENT404	2
10	DENT506	ORTHODONTICS CLINIC-IV	AC	0	0	3	1	DENT405, DENT406	2
10	DENT508	PEDIATRIC DENTISTRY CLINIC-IV	AC	0	0	3	1	DENT407, DENT408	2
10	DENT510	SURGICAL CLINIC-IV	AC	0	0	3	1	DENT409, DENT410	2
10	DENT512	RESTORATIVE DENTISTRY CLINIC-IV	AC	0	0	3	1	DENT411, DENT412	2
10	DENT514	PERIODONTOLOGY CLINIC-IV	AC	0	0	3	1	DENT413, DENT414	2
10	DENT516	ENDODONTICS CLINIC-IV	AC	0	0	3	1	DENT415, DENT416	2
10	DENT518	MAXILLOFACIAL PROSTHESES	AC	2	0	0	2	-	3
10	DENT502	EAR NOSE THROAT AND SPEECH DISORDERS	FC	1	0	0	1	-	2
10	DENTXX8	AREA ELECTIVE	AE	X	X	X	2	-	4
10	DENTXX9	AREA ELECTIVE	AE	X	X	X	2	-	4
Total 12 Courses			TOTAL:	3	0	27	17		30
GRAND TOTAL:				90	0	171	203		300

Area and Faculty Elective Courses

No.	Course Code	Course Title	Course Category	Hours			Total Credit	Pre-requisite	ECTS Credit
				Lecture	Tutorial	Lab/Prac.			
1	DENT333	INTRODUCTION TO PERIODONTOLOGY	AE	2	0	0	2	-	4
2	DENT334	DEVELOPMENTS IN ORTHODONTICS	AE	2	0	0	2	-	4
3	DENT335	BEHAVIORAL SCIENCES	AE	2	0	0	2	-	4
4	DENT336	GENERAL ANESTHESIA	AE	2	0	0	2	-	4
5	DENT337	DEONTOLOGY AND ETHICS	AE	2	0	0	2	-	4
6	DENT338	LITERATURE FOLLOWING AND PRESENTATION TECHNIQUES	AE	2	0	0	2	-	4
7	DENT339	3D IMAGING IN DENTISTRY	AE	2	0	0	2	DENT303, DENT304	4
8	DENT340	EVIDENCE-BASED DENTISTRY	AE	2	0	0	2	-	4
9	DENT341	CAD/CAM APPLICATIONS IN RESTORATIVE DENTISTRY	AE	2	0	0	2	-	4
10	DENT342	THE RATIONAL USE OF ANTIBIOTICS IN DENTISTRY	AE	2	0	0	2	-	4
11	DENT343	ETHICS OF DENTISTRY	AE	2	0	0	2	-	4
12	DENT344	RESPONSIBILITIES OF THE DENTIST	AE	2	0	0	2	-	4
13	DENT345	DENTISTRY AND AESTHETICS	AE	2	0	0	2	-	4
14	DENT346	INTRODUCTION TO DENTISTRY	AE	2	0	0	2	-	4
15	DENT347	ORAL DENTAL HEALTH AND CARE	AE	2	0	0	2	-	4
16	DENT348	DENTAL MALOCCLUSIONS IN ORTHODONTICS	AE	2	0	0	2	-	4
17	DENT349	DENTISTRY AND SPORTS INJURIES	AE	2	0	0	2	-	4
18	DENT350	INFECTION CONTROL IN DENTISTRY	AE	2	0	0	2	-	4
19	DENT351	DENTISTRY IN PATIENTS REQUESTING SPECIAL CARE	AE	2	0	0	2	-	4
20	DENT352	DENTAL RECORDS IN ENDODONTIS	AE	2	0	0	2	-	4
21	DENT353	COMMUNICATION IN DENTISTRY PRACTICE	AE	2	0	0	2	-	4
22	DENT354	HISTORY OF DENTISTRY	AE	2	0	0	2	-	4

23	DENT355	DENTIST PATIENT COMMUNICATION AND BODY LANGUAGE	AE	2	0	0	2	-	4
24	DENT356	CLINICAL SKILLS EDUCATION	AE	2	0	0	2	-	4
25	DENT357	PROSTHODONTICS APPROACHES IN IMPLANTOLOGY	AE	2	0	0	2	-	4
26	DENT358	DENTAL PHOTOGRAPHY	AE	2	0	0	2	-	4
27	DENT359	MULTIDISCIPLINARY APPROACH TO DENTISTRY	AE	2	0	0	2	-	4
28	DENT360	RESEARCH PLANNING AND IMPLEMENTATION	AE	2	0	0	2	-	4
29	DENT361	PRACTICE MANAGEMENT AND ERGONOMICS	AE	2	0	0	2	-	4
30	DENT362	IMPLANTOLOGY	AE	2	0	0	2	-	4
31	DENT363	INTRODUCTION TO CLINICS	AE	2	0	0	2	-	4
32	DENT364	LAMINATE VENEERS IN RESTORATIVE DENTISTRY	AE	2	0	0	2	-	4
33	DENT365	LASER APPLICATIONS IN DENTISTRY	AE	2	0	0	2	-	4
34	DENT366	SURGICAL APPROACHES IN IMPLANTOLOGY	AE	2	0	0	2	-	4
35	DENT367	CURRENT APPROACHES IN IMPLANTOLOGY	AE	2	0	0	2	-	4
36	DENT368	DIGITAL DENTISTRY	AE	2	0	0	2	-	4
37	PHRM451	ORAL PHARMACOLOGY	AE	2	0	0	2	-	4
38	PHYS355	ORAL PHYSIOLOGY	AE	2	0	0	2	-	4
39	DENT370	FORENSIC MEDICINE	AE	2	0	0	2	-	4
40	DENT371	PSYCHIATRY AND NEUROLOGY	AE	2	0	0	2	-	4
41	DENT372	COMMUNICATION SKILLS TRAINING	AE	2	0	0	2	-	4
42	DENT373	VISUAL COMMUNICATION	AE	2	0	0	2	-	4
43	DENT374	CLINICAL MICROBIOLOGY	AE	2	0	0	2	-	4
44	DENT375	ORAL BIOCHEMISTRY	AE	2	0	0	2	-	4
45	DENT376	WAIST AND NECK HEALTH	AE	2	0	0	2	-	4
46	DENT377	DENTAL TRAUMA	AE	2	0	0	2	-	4

PROGRAM INFORMATION

General Objective of the Program

Able to use today's technology in the profession of dentistry, providing treatment of diseases related to the mouth, jaw, teeth, surrounding tissues and facial area and maintaining the health of these areas, with a 5-year education in laboratories and clinics equipped with the latest technology, containing basic medical and dentistry information. To train dentists who are up-to-date and committed to ethical principles. Dentistry education will be given in the form of one-on-one training with students, accompanied by a young and dynamic staff. In the first three years of the dentistry program, basic theoretical and practical training will be given in the latest technology classrooms and laboratories. In preclinical training, each student will be provided with a preclinical training desk and a phantom simulator. There are Multidisciplinary Basic Medicine and Anatomy laboratories in the Faculty building, which are prepared for the applications of all Basic Medicine courses given in the first three years of education. In the last two years, patient-centered practice will be carried out in well-equipped clinics.

Program Outputs

- In their clinical practice, they make oral and dental health practices in the light of evidence-based practices, make decisions using problem solving and critical thinking skills.
- Knows the importance of the concept of lifelong learning, follows up-to-date scientific studies and technological developments that will enable them to develop in the field of oral and dental health, and uses them throughout their professional life.
- It respects its colleagues, patients and teammates, and practices in accordance with ethical rules and professional responsibility.
- As a dentist, they determine the working limits, ask for consultation when necessary and directs their patients to another specialist.
- Knows universal infection control methods and instructions and applies them in the best possible way to protect themselves, colleagues and patients.
- While making diagnosis and treatment planning, it uses the basic medical sciences, clinical sciences and social sciences knowledge gained in the field of dentistry, and considers the patient's emergency and priority situations.
- They explain the treatment plan to the patient in detail and decide on the treatment to be done together with the patient.
- They communicate with patients in different age groups and special needs groups, plan their treatments and apply the treatments within their authority.
- Knows preventive dentistry services, risk factors for oral and dental health, and informs patients and society on these issues.
- They take the leadership role, take responsibility and manage the process in solving the problems in the field of dentistry.
- They know how to reach developments and new information about the field of dentistry and share this information with their colleagues and patients.
- Uses information and communication technologies together with the knowledge of computer software and hardware required by the field of dentistry.

COURSE DESCRIPTIONS

Course Descriptions – I: All Area Core and Faculty/School Core courses offered by the department of the program.

Course Code	Course Title	Credit	ECTS Credit	Course Catego.	Pre-requisite	Teaching Language
DENT101	PROSTHODONTICS-I	(1, 0, 0)1	1	AC	-	English
Course Content	To teach the basic terms used in dentistry, tooth notations, maxillary permanent tooth morphologies, mandibular incisor and premolar tooth morphologies, basic prosthetic procedures applied and physical properties of basic materials used in these procedures, anatomy of maxilla and mandible. Mandibular permanent molars, contact points of teeth, purposes and types of prosthetic treatment, axes and planes used in dentistry, principles of tooth preparation, wax modeling, jacket crowns, metal alloys, cast leveling and polishing, impressions, impression trays, acrylic resins and base It is planned to teach basic information about plaques.					
DENT103	PROSTHODONTICS PRACTICAL-I	(0, 0, 6)3	3	AC	-	English
Course Content	To teach the application of laboratory stages of these restoration types by sculpting permanent teeth in accordance with their anatomical forms, preparing jacket and veneer crowns. It is aimed to make the enlarged gypsum carving of permanent teeth, taking into account their morphological features, and also to learn the morphology of all permanent teeth, acrylic material, acrylic polymerization, acrylic leveling and polishing, occlusion, wax and wax modeling, casting, deciduous teeth and their morphology. In this course, there is a principle of parallel processing of students' practical lessons and theoretical knowledge. Creating teeth from wax material or soap molds not only increases practical skills, but also provides detailed learning of tooth morphology.					
Course Content	Definition, types and use of plaster, wax, acrylic materials; casting materials, investment, soldering techniques, introduction to fixed prostheses and structural elements of crown bridge prostheses, principles of tooth preparation; Learning the preparation properties. Principles of tooth preparation and fixed restorations, impression methods in preclinic, transfer of models to articulator, wax modeling, polishing, re-vestment, casting process, alignment, leveling and polishing, casting errors and their causes, porcelain crown making techniques. Impression in full dentures, denture boundaries, individual spoon construction, impression in full dentures, impression taking techniques, edge shaping, base plates, vertical dimension, centric occlusion, centric relationship, tooth alignment rules, anterior teeth alignment, posterior teeth alignment, mandibular movements, laboratory procedures, retention, stability, removable immediate prostheses are the content of this course.					
DENT104	PROSTHODONTICS PRACTICAL-II	(0, 0, 6)3	3	AC	-	English
Course Content	Preparation of various steps (shoulder, chamfer, knifeedge), die model preparation, casting, preparation of many adjacent teeth, porcelain stacking, working on phantom jaws, CAD application, post-core application, measuring application for implant supported prostheses in models. Right and left, bottom and top; Morphological evaluation of adjacent and mutual positions of teeth in the dental arch; functional occlusal morphology; Definition, types and use of plaster, wax, acrylic materials; casting materials, investment, soldering techniques, structural elements of crown bridge prostheses, principles of tooth preparation; preparation features, day definition, trimming process, attachment of models to the articulator; applications.					
DENT201	PROSTHODONTICS-III	(1, 0, 0)1	1	AC	DENT101, DENT102	English
Course Content	To convey information about the problems that may arise with intraoral examination, oral preparations, planning, construction stages and methods in patients with total and partial dentures. In addition, to teach total prosthesis construction techniques in the presence of excessively resorbed maxillary and mandibular residual ridges and indications, contraindications and construction methods of precision-retained prostheses, overdenture and immediate prostheses. Patient examination, history and evaluation, impression in full dentures, denture boundaries, individual spoon construction, impression in full dentures, impression taking techniques, edge shaping, base plates, vertical dimension, centric occlusion, centric relationship, tooth alignment rules, anterior teeth alignment, posterior teeth alignment, mandibular movements, laboratory procedures, retention, stability, removable immediate prostheses are the content of this course.					
DENT203	PROSTHODONTICS PRACTICAL-III	(0, 0, 6)3	4	AC	DENT103, DENT104	English
Course Content	Preparing a base for a full denture, taking the models into the articulator, aligning the teeth according to Class 1 and crossbite relationship, modeling of the full and removable partial denture gingiva, acrylic firing, leveling and polishing, crochet twisting, use of parallelometer and determination of the entry path, duplication and skeleton modeling, laminate, inlay and onlay preparation, fixed prosthesis in occlusion, dental anatomy, manipulative applications, basic prosthetic and restorative applications, sculpting permanent teeth in accordance with their anatomical forms, preparing the main model, preparing the jacket and veneer crowns and applying the laboratory stages of these restoration types, anterior It covers the application of posterior bridge preparation principles and the understanding of occlusion relations.					

DENT202	PROSTHODONTICS-IV	(1, 0, 0)1	1	AC	-	English
Course Content	Examination and intraoral preparation, impression techniques, examination of records of jaw relationships, tooth alignment, tooth rehearsal, precision retainers, overdenture and immediate prostheses, metal base partial denture planning, occlusion concepts, principles of tooth preparation and fixed restorations in total and partial denture patients. , impression methods in the preclinic, moving the models to the articulator, wax modeling, polishing, revetement, casting process, alignment, leveling and polishing, casting errors and their causes, porcelain crown making techniques. It also covers the principles of tooth preparation, laboratory procedures of fixed dentures, and different types of fixed dentures.					
DENT204	PROSTHODONTICS PRACTICAL-IV	(0, 0, 6)3	4	AC	DENT103, DENT104	English
Course Content	Examination and intraoral preparation, impression techniques, examination of records of jaw relationships, tooth alignment, tooth rehearsal, precision retainers, overdenture and immediate prostheses, metal base partial denture planning, occlusion concepts, principles of tooth preparation and fixed restorations in total and partial denture patients. , impression methods in the preclinic, moving the models to the articulator, wax modeling, polishing, revetement, casting process, alignment, leveling and polishing, casting errors and their causes, porcelain crown making techniques. It also covers the principles of tooth preparation, laboratory procedures of fixed dentures, and applications of different types of fixed dentures.					
DENT204	PROSTHODONTICS PRACTICAL-V	(0, 0, 2)1	1	AC		English
Course Content	By combining what was taught in the first four semesters of Prosthetic Dentistry Theoretical and Practical courses, the student will be prepared to care for patients in a clinical setting. He/she will understand how to look at the patient to be treated as a whole, evaluate different treatment options, choose the most appropriate treatment option, and will be able to explain these treatment methods to the patient in detail. They will understand fixed prosthetic treatments and cutting methods, and will adopt the importance of working in harmony with the technician. He will know the anatomy and morphology of the teeth and will finish the treatments by considering these morphologies. All concepts related to prosthesis can be used by students at the same time.					
DENT204	PROSTHODONTICS PRACTICAL-VI	(0, 0, 2)1	1	AC		English
Course Content	The student will be able to plan the treatment of patients who will use total or partial dentures, learn how to take intraoral impressions and where different impression materials are used. Especially in partial dentures with metal infrastructure, they will be able to plan together with the technician, give information to the patient about the use and maintenance of this type of prosthesis, and produce solutions to the problems that occur. From the moment the patient sits in the chair, until the function regains function, all the necessary steps will be repeated and a full application will be made. Applications will be made for the problems that may be encountered after the delivery of the patient's total or partial prosthesis and their solutions.					
Course Content	Explains the teaching of materials science in dentistry and the classification of dental materials according to their usage areas, the classification of dental materials according to their clinical and laboratory use and teaching the ways of use, the general properties of the materials used, materials such as plaster, wax, revetment and leveling, polishing, casting, soldering. The aim of the course is to teach the general properties of materials, gypsum, wax and metals, casting and soldering processes, to compare the general properties of materials and to distinguish between plaster and wax properties, by explaining surface energy and thermal conductivity, to classify metals, to define revetment, to theoretically order casting and soldering processes. Defines metal leveling and polishing and acrylic resins.					
Course Content	Introduction to conservative dentistry, terminology and instruments used, Black classification, Black I, II, V and VI cavities for amalgam restorations, conservative cavities in amalgam restorations, restoration applications (pin supported restorations), biocompatibility, complex amalgam restorations, direct aesthetic restoration cavities and adhesives , direct anterior and posterior resin composite applications, glass ionomer and its applications, metal inlay restorations, minimally invasive approaches. A course will be given to train a competent dentist on the embryological and histological structures of enamel, dentin cementum and pulp tissues, cavity preparations and adhesion, the instruments used and their sterilization and disinfection, and the materials used in dentistry.					
Course Content	To prepare the student for the clinic by gaining competence in introducing and using instruments, amalgam preparation and restoration application, base material application, anterior composite preparation and restoration, pin application and restoration, working in accordance with ergonomic rules in the simulation system, and restoration of phantom and extracted					

Course Content	permanent teeth. A course will be given to train a competent dentist on the embryological and histological structures of enamel, dentin cementum and pulp tissues, cavity preparations and adhesion, the instruments used and their sterilization and disinfection, and the materials used in dentistry. It aims to learn the stages of cavity-base-restoration in restorative applications theoretically and practically.					
Course Content	Infection control in restorative dental treatment, non-carious lesions of teeth: etiology, classification and treatment, isolation in restorative dental treatment, caries diagnosis: current approaches in caries classification, determination of caries risk: saliva and diet analysis, prevention of caries in adults: caries prevention strategies (fluoride, antibacterial agents and their applications), caries control restorations, dietary control and sugar variables, pit and fissure sealants in adults. To teach patient working positions, caries types, minimally invasive applications, pin restoration and laminate applications, infection control. Cavity preparation, instruments used in the treatment of dental caries, enamel, enamel diseases, dentin dentin diseases, dental traumatology are the content of this course.					
Course Content	To prepare the student for the clinic by gaining competence in introducing and using instruments, amalgam preparation and restoration application, base material application, anterior composite preparation and restoration, pin application and restoration, working in accordance with ergonomic rules in the simulation system, and restoration of phantom and extracted permanent teeth. A course will be given to train a competent dentist on the embryological and histological structures of enamel, dentin cementum and pulp tissues, cavity preparations and adhesion, the instruments used and their sterilization and disinfection, and the materials used in dentistry. It aims to learn the stages of cavity-base-restoration in restorative applications theoretically and practically.					
DENT315	RESTORATIVE DENTISTRY-III	(1, 0, 0)1	1	AC	DENT207, DENT208	English
Course Content	It aims to learn about remineralization materials, to learn prophylactic interventions for bacterial plaque, to apply fissure sealant and protective resin, to teach the loss of carious tooth hard tissues and their treatments, to treat dentin sensitivity and dentin sensitivity with chemical agents and laser, and to eliminate dentin sensitivity with restoration. . In addition, gradual caries treatment in deep dentin caries, inlay and onlay treatments, root caries treatments, pin types, occlusal alignment and oral hygiene motivation after filling will be explained.					
Course Content	Working rules in accordance with ergonomic rules, amalgam, direct composite, CIS restoration and conservative restoration application in the simulation system, restoration of broken teeth using rubber-dam in the simulation system, repair and filling replacement in the simulation system, pulp coating and restoration application in the extracted decayed teeth, semidirek in the simulation system inlay application, direct laminated restoration application. It is aimed to teach cavity preparation, instruments used in the treatment of dental caries, enamel, enamel diseases, dentin dentin diseases, dental traumatology and working positions on the patient, caries types, minimally invasive applications, pin restoration and laminate applications, infection control.					
Course Content	In the head and neck anatomy course, cranial nerves, pterygopalatine-infratemporal-temporal fossae, neck fascia and infection spread paths, salivary glands, TMJ, paranasal sinuses, development of the cranium, biomechanical features of the maxillofacial region, anatomical mechanisms in neurovascular complications and cross-sectional anatomy of the head and neck region Includes topics on facial bones, facial muscles, masticatory muscles, innervation of mandible and maxilla, tongue and sublingual muscles, vascular structure of maxilla and mandible. At the end of this course, it is aimed to comprehend the anatomy of all formations in the student's head and neck in a topographic discipline for clinical dentistry applications.					
DENT301	ORAL SURGERY-I	(2, 0, 0)2	3	AC	-	English
Course Content	Anamnesis, pre-extraction preparation, asepsis-antisepsis concepts, wound and wound healing, treatment approaches in systemic diseases, indications and contraindications for tooth extraction, possible complications and treatments that may occur during and after tooth extraction, suture materials and methods. To understand the purpose of disinfection and sterilization processes, to give information about wound healing, wound treatment, burns and frostbite wounds. To have comprehensive knowledge and competence about the precautions to be taken for systemic diseases related to jaw surgery, medical emergencies and intervention, tooth extraction indications, extraction techniques, impacted teeth and surgical extraction techniques, extraction complications and intervention, alveolar arrangements before prosthesis construction.					
DENT302	ORAL SURGERY-II	(2, 0, 0)2	3	AC	-	English

Course Content	Basic concepts and rules, tools and materials consultation, informed consent, antibiotics, antibacterial prophylaxis, prescribing rules, postoperative pain control, incision and flap types, root tip resection, evaluation of impacted teeth, surgical approach principles for biopsy, chemotherapy and radiotherapy patients, sinus perforations and oroantral fistula treatment, cyst and surgical treatment, laser applications, orofacial infections, specific diagnostic imaging in OMFC. It is to give basic information about oral and maxillofacial surgery, to follow current developments and to explain them with theoretical and practical applications. Antibiotherapy and premedication in dentistry, Incision and suture, Biopsy and techniques, Oral surgery complications, Maxillary sinus perforations, Odontogenic cysts, Impacted teeth, Orofacial infections, Electrosurgery, Laser					
DENT303	ORAL DIAGNOSIS AND RADIOLOGY-I	(2, 0, 0)2	2	AC	-	English
Course Content	This course provides students with knowledge of medical and dental anamnesis methods, measurement and evaluation of vital signs, examination methods, properties of X-rays and formation of X-rays, X-ray devices used in dentistry, radiation sources. It will be taught to introduce the diagnostic process, the examination of the patient starts from the first sight of the patient, the importance of taking a good dental and medical history, what kind of treatments should be done in which medical diseases and how prophylaxis will be applied, which treatments the patient can take in which order as a result of the examination.					
DENT304	ORAL DIAGNOSIS AND RADIOLOGY	(2, 0, 0)2	3	AC	-	English
Course Content	Radiation physics, biological effects of radiation, radiation safety and protection, imaging principles and techniques, radiographic interpretation of pathologies. To teach students the methods of intraoral and extraoral examination, to teach them to interpret the normal anatomical structure and deviations from normal, to teach what diagnostic tests are, their normal values, systemic diseases and oral findings of these diseases, the approach of the dentist and the precautions to be taken in elderly and female patients. It covers the issues of teaching the dentist's approach and the necessary treatment planning. To provide information about the formation of diagnostic images and the radiological appearance of anatomical structures in the jaws.					
DENT305	PEDODONTICS-I	(2, 0, 0)2	2	AC	-	English
Course Content	To provide information about the characteristics of milk and permanent teeth. To gain the ability to diagnose and treat developmental disorders of milk and permanent teeth. Communication with the child patient, deciduous tooth development and development anomalies, deciduous tooth eruption times and occlusion, examination methods and findings in pediatric patients, systemic and genetic diseases in children, caries development in primary and permanent teeth, protective practices, cavity principles and restoration in primary teeth is targeted. It covers dental caries in children and adolescents, preventive dentistry practices, injuries in teeth and surrounding tissues, infection and pain control in pediatric patients, prostheses in children, and oral findings in systemic diseases.					
DENT306	PEDODONTICS-II	(2, 0, 0)2	2	AC	-	English
Course Content	The spread and treatment of dental infection in pediatric patients, the indications of primary tooth extraction, endodontic treatments of milk and young permanent teeth, traumatic injuries in pediatric dentistry, placeholders and prosthesis applications, and the creation of a treatment plan in pediatric patients will be explained. It is aimed to teach the continuity of oral and dental health in children, the etiology, spread, classification and diagnosis of caries in the primary dentition, knowing and applying caries removal methods. To describe the effects of topical and systemic fluoride and fissure sealant applications. Local anesthesia in pediatric dentistry, diagnosis and treatment of pulp diseases.					
DENT307	PERIODONTOLOGY-I	(2, 0, 0)2	3	AC	-	English
Course Content	To teach the elimination of diseases by treating inflammatory gingival diseases, gingival recessions and gingival enlargements; Regenerative applications, providing pink aesthetics, implant applications aiming to eliminate tooth deficiencies, providing function and aesthetics and increasing the patient's quality of life by contributing to oral health. Teaching the morphological and histological structures of periodontal tissues, distinguishing healthy and diseased tissues, defining and interpreting microbiological, immunological and genetic features of periodontal diseases; It is aimed to teach the factors that play a role in the development of periodontal disease (calculus, smoking, etc.) and the transition from health to disease.					
DENT308	PERIODONTOLOGY-II	(1, 0, 0)1	2	AC	-	English
Course Content	To teach the periodontal diagnosis, prognosis and treatment planning, periodontal instruments, periodontal treatment methods, multidisciplinary approach teaching in periodontal treatment are aimed to teach in this course. It covers the basic principles of periodontal treatment, periodontal treatment methods other than etiologic (phase I) treatment, and learning the basic treatment principles of non-plaque-related diseases of the periodontium. To teach the regenerative applications, providing pink aesthetics, implant applications providing function and					

	aesthetics and increasing the patient's quality of life by contributing to oral health.							
DENT309	ENDODONTICS-I	(1, 0, 0)1	1	AC	-		English	
Course Content	Root canal system and morphologies, endodontic access cavities, pulp, dentin, periapical tissues and diseases, endodontic microbiology, imaging techniques in endodontic treatment, root canal cleaning and shaping, filling root canals, learning anesthetic agents used in dentistry, root canal treatment indications and contraindications , root canal anatomy and preparation of access cavities, learning root canal preparation techniques. The aim of this course is to have knowledge about the clinical, histological and physiological features of periapical tissues in healthy and diseased conditions and the etiology, classification and clinical forms of periapical inflammations. To examine the relationship between pulp and systemic diseases. To learn the treatment methods of pulpal diseases, root canal treatment in model teeth and real teeth.							
DENT311	ENDODONTICS PRACTICAL-I	(0, 0, 4)2	3	AC	-		English	
Course Content	Pulp chamber and root canal morphologies of all permanent teeth, preparation of endodontic access cavities, application of rubber-dam, cleaning and shaping of root canals, intracanal drug placement, temporary closure of cavities, filling root canals and radiographic imaging. It covers all stages of endodontic treatment and the application of restoration methods of endodontically treated teeth on extracted teeth. Vocational compulsory course in which the histological, physiological and pathological characteristics of the ulpa and periapical tissues and the relationship of these tissues with systemic diseases are examined, the endodontic treatment planning and application stages are explained theoretically and this information is applied practically.							
DENT309	ENDODONTICS-II	(1, 0, 0)1	1	AC	-		English	
Course Content	To have a basic understanding of the history of endodontics and dental anatomy. Case selection and treatment planning in endodontics, emergency endodontic treatments, post-endodontic restoration, renewed root canal treatments, geriatric endodontics, endodontic surgery, perio-endo relationship, regenerative endodontics, devital teeth bleaching processes are aimed to be explained. Access cavities and anatomy, endodontic instruments, canal length detection methods, root canal enlargement, root canal disinfection, root canal filling, pulp, pulp histology, pulp biochemistry, physiology, pulp inflammation, pulpitis, pulp pathology are the contents of this course. It covers learning the issues to be considered in endodontic treatment in the elderly, diagnosis and treatment of resorptions, the importance of general health in endodontics, and learning the situations that require systemic drug use.							
DENT309	ENDODONTICS PRACTICAL-II	(0, 0, 4)2	3	AC	-		English	
Course Content	It covers root canal preparation, canal filling and restorations after endodontic treatment and renewal of root-canal treatments in mandibular and maxillary molars. Expanding, washing and cleaning the canals of molar teeth with hand files and filling the root canals will be taught. It is aimed to teach the properties and usage indications of different root canal filling materials and different irrigation materials, and the use of rotary canal files and devices. In addition, radiographic imaging of the root-canal area of the tooth will be taught during root canal treatment.							
DENT313	DENTAL ANESTHESIA	(1, 0, 1)1	2	AC	-		English	
Course Content	Knowing the history and definition of anesthesia, cranial nerves, dental anesthesia application principles and tools and equipment used, local anesthetic drugs and their mechanisms of action, vasoconstrictors, dental anesthesia types and methods, local and systemic complications of dental anesthesia, premedication and sedation methods, properties of local anesthetic solutions It covers the subjects of applying local anesthesia techniques with appropriate doses to the correct anatomical regions, performing anesthesia without complications by learning the features of the techniques in detail, and ensuring that patients are treated painlessly. It is aimed to learn how to perform appropriate and sufficient local anesthesia in interventional procedures of the mouth and surrounding tissues and to cope with its complications.							
DENT319	ORAL DISEASES	(1, 0, 1)1	2	AC	-		English	
Course Content	To teach students to diagnose and treat oral mucosa, bone diseases and tumors. Developmental anomalies involving hard and soft tissues, periapical pathologies, osteomyelitis, bacterial, viral, fungal diseases, physical and chemical damages, hematological diseases and oral findings, allergy and immunological diseases, dermatological and immune system related diseases, systemic diseases oral findings, epithelial pathologies, focal infection, tongue diseases, bone diseases (Osteomyelitis, osteopathies), stomatitis (intoxications, oral diseases caused by endogenous reasons, infectious diseases of the mouth, mouth symptoms in blood diseases, mouth symptoms in vitamin deficiency), oral cavity and jaw bone tumors (oral mucosa color changes, inflammatory tumors of the oral cavity, benign tumors of the oral cavity, malignant tumors of the oral cavity)							

DENT401	PROSTHODONTICS CLINICS-I	(0, 0, 6)3	3	AC	-	English	
Course Content	<p>The aim of the course is to teach dental anatomy and physiology, to apply and reinforce the dental anatomy taught in theoretical lessons by modeling on soap, plaster and wax. Candle mold preparation, plaster types and modeling with plaster, wax wrapping and modeling with candles, modeling with soap molds will be done. Anterior teeth, premolars and molars will be made using modeling spatulas in the preclinical laboratory, and then they will be taught to polish with a polishing process suitable for each material. In this course, it is aimed to improve the hand skills of students who are new to dentistry.</p>						
DENT402	PROSTHODONTICS CLINICS-II	(0, 0, 6)3	3	AC	-	English	
Course Content	<p>In this course, students will work with acrylic. Taking the tooth models made with wax into muffles with the help of plaster, removing the wax and acrylic rebound processes will be taught. Afterwards, the polishing steps of the acrylic model will be done. The aim of this course is to prepare students to make total and partial dentures in the future. Pressure and heat processes to be applied in order for the acrylic to come out of the muffle properly will be explained. During the polishing process, which will be carried out with the help of the motor, the students will be introduced to the handpiece and polishing burs.</p>						
DENT501	PROSTHODONTICS CLINICS-III	(0, 0, 6)3	3	AC	-	English	
Course Content	<p>The aim of the course is to teach the harmonious working of metal-supported porcelain crowns and bridges by making the clinical stages and communicating with dental technicians verbally and in writing. A number of metal-supported porcelain crowns, bridges, cast and prefabricated post-cores will be made at the beginning of the academic year. A plaster model will be obtained with real teeth, and the preparation processes, which are the basic steps of crown and bridge construction, will be taught. How to prepare according to the anatomy of each tooth, types of steps and preparation burs will be taught. After cutting, impression taking techniques, impression materials and cementation techniques will be taught.</p>						
DENT502	PROSTHODONTICS CLINICS-IV	(0, 0, 6)3	3	AC	-	English	
Course Content	<p>The aim of the course is to teach the stages of removable full or partial dentures, recording of the relationship between the alveolar bones, basic occlusion information, indications and contraindications, advantages and disadvantages of prosthetic restorations, post-prosthesis care and possible complications and solutions. Clinical stages of removable and full partial dentures will be taught. Tooth alignment, full chin modeling, muffle phases, wax removal, acrylic firing and leveling polishing processes will be applied. Also working with a technician will be taught.</p>						
DENT403	ORAL DIAGNOSIS AND RADIOLOGY CLINICS-I	(0, 0, 3)1	1	AC	-	English	
Course Content	<p>Ability to take anamnesis, measurement and evaluation of vital signs, intraoral and extraoral examination, diagnosis and treatment planning, reaching the correct diagnosis, making appropriate diagnosis and treatment planning for the patient, distinguishing the normal anatomical structures and pathological conditions in the mouth and surrounding area clinically and radiographically. is to gain. Intraoral and extraoral examinations, diagnosis and x-rays, as well as interpretation of films and examination and X-ray reading skills are aimed. It is aimed to teach the findings of systemic diseases in the head and neck region.</p>						
DENT404	ORAL DIAGNOSIS AND RADIOLOGY CLINICS-II	(0, 0, 3)1	1	AC	-	English	
Course Content	<p>Periapical, biting, occlusal and extraoral filming techniques, film processing, advanced imaging techniques (computed tomography, ultrasound), evaluation of radiographs, and teaching of the findings of systemic diseases in the head and neck region are aimed. It is aimed to gain experience in film shooting and production, to interpret films, to acquire examination and X-ray reading skills. Radiation, the formation of X-rays, radiation protection, the history of radiation, its areas of use and its correct use in dentistry will be explained.</p>						

DENT503	ORAL DIAGNOSIS AND RADIOLOGY CLINICS-III	(0, 0, 3)1	2	AC	-	English	
Course Content	The aim of this course is to enable graduate students to apply all methods used for the diagnosis of oral, dental and maxillofacial hard and soft tissue diseases and to prepare a patient-specific treatment plan with alternatives. Intraoral and extraoral examination and auxiliary diagnostic methods, preparing a treatment plan and creating alternative treatment plans are the objectives of the course. Students are expected to apply extraoral and intraoral examination techniques, to be able to fully examine and to be able to communicate with the patient.						
DENT504	ORAL DIAGNOSIS AND RADIOLOGY CLINICS-IV	(0, 0, 3)1	2	AC	-	English	
Course Content	In this course, students are expected to take panoramic, periapical and computed tomography films from the patient. Then, by evaluating these radiographs, it is desired to detect pathological formations and decayed teeth. The treatment plan of the examined patient should be prepared and directed to the relevant clinics. It should be able to direct the patient to different areas of reach, provide communication between these areas and determine the most appropriate treatment order. In addition, it should be able to direct the patient to the right treatment.						
DENT405	ORTHODONTICS CLINICS-I	(0, 0, 3)1	1	AC	-	English	
Course Content	Hays-Nance and Bolton analyses, lateral cephalometric analysis, adams clasp, drop crochet, vestibule arch, labiolingual spring, mesiodistal spring, Hawley appliance, habit breaking, orthodontic clinical examination is aimed. The aim of this course is to teach students how to make removable orthodontic appliances that they can use in early deciduous tooth extraction and some simple irregularities. The course includes information such as producing plaster models, orthodontic laboratory wires and crochet twists, modeling and how the appliances to be made function. It covers the diagnosis and treatment planning of two patients in line with orthodontic theoretical and practical information and the application of removable appliances.						
DENT406	ORTHODONTICS CLINICS-II	(0, 0, 3)1	1	AC	-	English	
Course Content	It aims to provide the student with proficiency in orthodontic terminology, fixed orthodontic treatment protocols, case and seminar presentation, removable orthodontic appliances. Fixed orthodontic treatment, removable orthodontic treatment, case and seminar group. They conduct clinical studies and observations on each topic, and seminar topics are discussed. Case discussions are made and how to evaluate orthodontic treatment patients is taught. The radiographs required in orthodontic treatment and how to evaluate them are shown.						
DENT505	ORTHODONTICS CLINICS-III	(0, 0, 3)1	2	AC	-	English	
Course Content	In this course, students are expected to be able to diagnose patients who require orthodontic treatment, to give accurate and detailed information about orthodontic treatments to the patient, to determine the techniques of the radiographs to be taken, to make measurements and evaluations on radiographs, and to refer their patients to an orthodontic specialist. The construction of simple arch wires, photographing and recording the orthodontic patient, the rules that the patient should pay attention to during orthodontic treatment, the cooperation of orthodontics with other dentistry branches, the maintenance process of the patient after orthodontic treatment, the bands used in orthodontic treatment, clasps and the approach to the patient during orthodontic treatment. .						
DENT506	ORTHODONTICS CLINICS-IV	(0, 0, 3)1	2	AC	-	English	
Course Content	To be able to diagnose orthodontic anomaly using orthodontic diagnostic tools and clinical examination findings, to have information about the treatment plan, to perform simple orthodontic applications, to follow the oral, tooth and jaw development of individuals in developmental age and to treat the patient when necessary. To have the knowledge to direct the orthodontist at the appropriate time. It is obligatory to complete the clinical applications and evaluation stages (clinical internship apparatus and assignments) in order to enter the end-of-year exams of the course.						
DENT407	PEDODONTICS CLINICS-I	(0, 0, 3)1	1	AC	-	English	

Course Content	Intraoral, extraoral, radiographic examination in pediatric patients, at what dose the radiographs will be taken, behavioral orientation, the attitude and attitude of the physician according to the age groups of the children, treatment planning in the pediatric patient, invasive/noninvasive fissure sealant applications, topical fluoride applications, oral hygiene motivation, in the pediatric patient It is aimed to explain minor restorations. Approach to pediatric patients according to age, tooth eruption order, problems and solutions that may cause early loss of primary teeth, stress management in children, communication between family and physician, adaptation process of child to dentist and clinical environment are among the topics to be learned in this course.					
DENT408	PEDODONTICS CLINICS-II	(0, 0, 3)1	1	AC	-	English
Course Content	It is aimed to ensure the continuity of oral and dental health in children, the etiology, spread, classification and diagnosis of caries in the primary dentition, to know and apply caries removal methods, to define the effects of topical and systemic fluoride and fissure sealant applications. It is important to know the points to be considered during fluoride application and what to do after the treatment to be explained to the patient. He is expected to communicate well with the family as well as with the child.					
DENT507	PEDODONTICS CLINICS-III	(0, 0, 3)1	2	AC	-	English
Course Content	Local anesthesia in pediatric dentistry, diagnosis and treatment of pulp diseases, capping, treatment methods to be applied in cases that require the tooth to remain in the mouth or placeholder applications in cases where the tooth must be extracted, anatomical, histological, morphological and functional dentition, eruption guidance and serial extraction procedures, early Complications of deciduous tooth loss are the course content. In addition, painkillers and antibiotics that can be used in children, what to do after trauma, nutritional habits to prevent dental caries in infants and children, and the role of the family in oral hygiene education of children will be explained in this course.					
DENT508	PEDODONTICS CLINICS-IV	(0, 0, 3)1	2	AC	-	English
Course Content	In this course, welcoming the child patient learned in pedodontics lessons in the clinic, introducing the clinic and dentistry to the child, extraoral and intraoral examination techniques, informing the child and family in terms of oral hygiene, informing the family about dental examination, treatment planning and prognosis, treatment of caries, fluoride application, milk teeth You will have knowledge and experience in extraction, placeholder, root canal treatment in children, gingival treatments and dental calculus cleaning in children, performing procedures under general anesthesia or sedation in children with mental retardation and adjustment problems.					
DENT409	ORAL SURGERY CLINICS-I	(0, 0, 3)1	1	AC	-	English
Course Content	Medical and dental evaluation, taking anamnesis from the patient, diagnosis and treatment planning, knowing the tools used in tooth extraction and knowing which tooth can be extracted using which tray, tooth extraction indications and contraindications, local anesthesia application, tooth extraction, prescribing and post-extraction post-extraction. should be able to give operative recommendations. He should know the complications that he may encounter after the extraction and have an idea about what precautions he can take. He should know how and with which methods he can control bleeding.					
DENT410	ORAL SURGERY CLINICS-II	(0, 0, 3)1	1	AC	-	English
Course Content	Must follow minor surgery practices and be able to do it where necessary. He should be able to assist during the surgical procedure performed in the local operating room and should know the control of bleeding. Should know the basic information about oral and maxillofacial surgery, follow current developments and combine them with theoretical and practical applications. He should know the usage areas of the elevators and be able to use them correctly. He should be able to suture and should know the materials to be used while suturing.					
DENT509	ORAL SURGERY CLINICS-III	(0, 0, 3)1	2	AC	-	English
Course Content	Anesthesia methods in oral and maxillofacial surgery, anamnesis and prescription rules, tooth extraction techniques and surgical extractions, incision and suturing in oral surgery, complications and treatments after oral surgical procedures, biopsy indications and techniques, approach to patients with oral and maxillofacial infections, in which cases antibiotics will be prescribed, oral su					

Course Content	and treatments after oral surgical procedures, biopsy indications and techniques, approach to patients with oral and maxillofacial infections, in which cases antibiotics will be prescribed, oral, IV and in taken drugs and in which cases they will be taken, what should be done in allergic reactions and emergency interventions, drugs and doses to be used in emergency situations, which drugs are prescribed in patients with penicillin allergy, suture techniques and simple suturing, biopsy methods and They will learn to take a biopsy.						
DENT510	ORAL SURGERY CLINICS-IV	(0, 0, 3)1	2	AC	-	English	
Course Content	It should be able to put the correct shooting indication to the patients. Should take care of sterilization and disinfection, know how to do it. He should know the methods of tooth extraction and the types of dave. He should be able to give advice to the patient after the extraction, control bleeding, and know how to deal with problems that may be encountered after treatment such as pain and edema. Must be able to write prescriptions.						
DENT411	RESTORATIVE DENTISTRY CLINICS-I	(0, 0, 3)1	2	AC	-	English	
Course Content	Working rules in the clinic and in the patient, caries risk determination, oral health information, topical fluoride and fissure sealant application, minimally invasive and caries-free cervical lesion restoration, self-etch use are aimed. The aim of the course is to diagnose the patient in terms of caries, to teach one-sided composite restorations, sensitivity treatment and polishing of composite restorations. Amalgam indications, amalgam application, amalgam finishing and polishing procedures, opening the amalgam cavity, use of matrix tape, use of wedge and rubber-dam will be taught.						
DENT412	RESTORATIVE DENTISTRY CLINICS-II	(0, 0, 3)1	2	AC	-	English	
Course Content	It is aimed to explain posterior amalgam restorations, posterior composite applications, aesthetic composite restoration applications in the anterior, deep dentin caries treatments and progressive caries treatments. Opening OD, OM, MOD cavities, cement types, usage areas and shapes, capping materials, cavity sterilization, hand tools used during restorations, types of burs, burs used during caries removal, inlay and onlay restorations in posterior teeth, pin and post applications, new Teaching the usage areas of next generation composites and cements, the use of rubber dam and isolation methods are the aims of the course.						
DENT511	RESTORATIVE DENTISTRY CLINICS-III	(0, 0, 3)1	2	AC	-	English	
Course Content	The content of the course is aimed at training a dentist who is competent in cavity preparations and adhesion, instruments used and their sterilization and disinfection, substances used in dentistry. Hand tools, burs and how they are sterilized should be known during the restoration. It is expected that occlusion control, elevation gain, flood fill control, use of matrix and transparent tape and areas of use, bilateral and three-sided restorations are expected. In addition, caries diagnosis with radiographs and caries detection with light are expected.						
DENT512	RESTORATIVE DENTISTRY CLINICS-IV	(0, 0, 3)1	2	AC	-	English	
Course Content	In the last internship of restorative dental treatment, the student should be able to determine caries, know which radiograph to use when determining caries, and know the methods of detecting caries in the oral examination. They should be able to apply all stages of caries treatment from beginning to end, and choose the restoration material correctly. Should be able to polish the restoration and give postoperative recommendations to the patient. Should also be able to control old fillings.						
DENT413	PERIODONTOLOGY CLINICS-I	(0, 0, 3)1	1	AC	-	English	
Course Content	It is aimed to evaluate the patient in periodontal terms, to recognize the features of the instruments used in periodontal treatment and to use them appropriately, to adjust the sitting position correctly, to control plaque, to make appropriate oral hygiene recommendations, and to teach the skills of detergent and polishing. The student should be able to distinguish between gingivitis and periodontitis and know the treatment methods. They should be able to perform simple cleaning and polishing, explain the correct method of brushing and control the patient.						

DENT414	PERIODONTOLOGY CLINICS-II	(0, 0, 3)1	1	AC	-	English	
Course Content	Diagnosis, treatment planning and prognosis determination, Phase 1 periodontal treatment as well as conveying the application of debridement and subgingival curettage, explaining the chemotherapeutic agents used in the treatment of periodontal diseases, indications, contraindications and cures of subgingival curettage are among the objectives of the course. The student should be able to administer anesthesia to the patient before the curettage, explain the treatment stages, plan the treatment appointments and be able to give correct care recommendations to the patient after the curettage.						
DENTS13	PERIODONTOLOGY CLINICS-III	(0, 0, 3)1	2	AC	-	English	
Course Content	The student will be taught to distinguish between periodontitis types, to know the differences between aggressive periodontitis and chronic periodontitis and to diagnose it in the patient. They can explain the type of disease to the patient. The surgical phase of periodontal treatment will be explained and the treatments for gingival recessions will be explained. The points that the patient should pay attention to after the surgical treatment, suture techniques, incision techniques, flap types and the maintenance phases of the treatments will be explained.						
DENTS14	PERIODONTOLOGY CLINICS-IV	(0, 0, 3)1	2	AC	-	English	
Course Content	At the end of the periodontology internship, the student should be able to diagnose periodontal disease, perform initial treatment and cure gingivitis cases. He should be able to clean calculus by using a cavitron and a scaler, recognize curettes, and know that the patient should be referred to a specialist for advanced periodontal treatments. Should know and be able to prescribe antibiotic treatments. Should be able to make mouthwash recommendations and should be able to explain the correct tooth brushing technique to the patient.						
DENT415	ENDODONTICS CLINICS-I	(0, 0, 3)1	1	AC	-	English	
Course Content	Giving information about the importance of endodontics in dentistry and giving information about its history, physiology, histology and pathology of pulp and periapical tissues, as well as diseases of these tissues, diagnosis and treatment methods, giving information about the equipment used in the field of endodontics and their sterilization. The histological structure of pulp tissue, cement tissue and periapical tissues, physiology and pathologies of these tissues, pulp diseases, diagnosis and differential diagnosis of these diseases, effects of dental treatments on pulp tissue, instruments used in endodontic treatment and sterilization and disinfection of these instruments are the content of the course.						
DENTS416	ENDODONTICS CLINICS-II	(0, 0, 3)1	1	AC	-	English	
Course Content	Diagnosis and treatment planning in endodontics, vital pulp treatments, local anesthesia application, saliva isolation, preparation of the access cavity in anterior teeth, cleaning and shaping of the root canal, intracanal drug administration, root canal filling and radiographic imaging are the learning objectives. The aim of the course is to carry out endodontic treatment in anterior teeth and to teach endomotor use. The student should know the canal files, know how to use hand files, know the types of rotary canal files and be able to use them correctly.						
DENTS15	ENDODONTICS CLINICS-III	(0, 0, 3)1	2	AC	-	English	
Course Content	The learning objectives are preparation of the access cavity in posterior teeth, cleaning and shaping of the root canal, intracanal drug administration, filling the root canal and radiographic imaging. The aim of the course is to carry out endodontic treatment in multi-rooted teeth and to teach endomotor use. At the end of this course, it is expected that the student will be able to perform root canal treatment in anterior and posterior teeth and write a prescription for the patient.						
DENTS16	ENDODONTICS CLINICS-IV	(0, 0, 3)1	2	AC	-	English	

Course Content	At the end of the endodontic internship, the student should be able to perform endodontic treatment of teeth with vital and devital pulp, know how to intervene in painful patients, use rotary instruments, determine the correct canal length, know and correctly use root canal filling materials, and know how to apply a treatment in the presence of symptoms. The student should know which antibiotics and painkillers will be used, know how to do the irrigation and drying of the canal and apply it.					
DENT417	ORTHODONTICS-I	(2, 0, 0)2	3	AC	-	English
Course Content	To reveal the changing goals of orthodontic treatment, to evaluate the biological formation of the head and face complex, to examine the effects of growth and development on the biological development of the head and face complex, to examine the place of growth and development events in orthodontic treatment, to learn the necessary criteria for orthodontic diagnosis, to learn the eruption of teeth and their characteristics from birth is intended to be taught. Explanation of diagnosis and diagnostic methods and cranio-facial growth-development covers the concept of normal in orthodontics and the evaluation of deviating situations.					
DENT418	ORTHODONTICS-II	(2, 0, 0)2	3	AC	-	English
Course Content	Fixed and functional appliances, normal occlusion, extraoral appliances, Class I, II, III malocclusion treatments, TMJ and orthodontics, orthognathic treatment, cleft lip-palate, RPE and reinforcement treatments, lateral tooth deficiencies, adult orthodontic obstructive sleep apnea and its treatment are explained. The aim of this course is to explain to students what orthodontics is, what the mechanics are used in treatments and how these mechanics work. The content of the course will include the history of orthodontics, the physiology and histology of tooth movements, the appliances used in orthodontic treatments, various treatments that can be done before and after growth and development, treatments that can be done in partnership with other clinics, treatments of individuals with cleft lip and palate and reinforcement treatments.					
DENTS17	PUBLIC ORAL AND DENTAL HEALTH	(1, 0, 2)2	2	AC	-	English
Course Content	This course covers public health and nutrition issues. It is aimed to convey information about public oral and dental health and to provide information about epidemiological studies and preventive programs related to this field. Caries assessment includes providing oral and dental health education to primary school children, parents, teachers and adults, and teaching the practical application of preventive treatments in children. Fluor - the use of fluor in dentistry fluor - the use of fluorine in dentistry epidemiology-research techniques epidemiology-research techniques epidemiology-research techniques and the importance of their application, field work and transferring the necessary information about oral and dental health to the public practically and orally.					
DENTS21	ORAL AND MAXILLOFACIAL SURGERY	(2, 0, 0)2	3	AC	-	English
Course Content	Emergency treatment in jaw fractures, jaw fractures in children, maxillofacial anomalies, dentoalveolar traumas, dental transplanted, reimplantation and hemisection. It is aimed to teach diseases, preprosthetic surgery, oral findings in systemic diseases, biomaterials, orofacial infections and salivary gland infections and their treatments. Information about maxillofacial surgery principles, maxillofacial fractures and their treatments, orthognathic surgery principles, prosthesis for resected jaws will be given. Evaluation of the patient with maxillofacial trauma, diagnosis and treatment principles in maxillofacial fractures, orthognathic surgery principles, cancer surgery, prosthetic treatments in resected maxilla and mandible, diagnosis and treatment of diseases in the hard and soft tissues of the mouth, teaching anesthesia techniques on patients correctly.					
DENTS18	MAXILLOFACIAL PROSTHETICS	(2, 0, 0)2	3	AC	-	English
Course Content	To train dentists who can identify the etiological factors that cause jaw and facial deformities and have sufficient knowledge on prosthetic planning and treatment for defect and function, evaluation of maxillofacial prosthesis patients, approach to patients receiving radiotherapy and chemotherapy, prosthetic treatments in the resected maxilla and mandible, extraoral prosthetic restorations (face and eye prostheses, palatopharyngeal prostheses, speech-aid prostheses) and splints. It covers the subjects of dental approach to chemotherapy, radiotherapy patients, prosthesis planning and follow-ups for resected jaws and patients with cleft lip and palate, prosthetic treatment approach in maxillofacial fractures, facial prostheses and prosthetic approaches to sleep apnea treatment.					
DENT325	ETHICS AND DEONTOLOGY IN DENTISTRY	(2, 0, 0)2	2		-	English

Course Content	The concept of ethics, basic ethical principles, ethical types, quality standards, ethical problems in hospitals, ethical and patient complaints, evaluation of defective services in the health sector. In health sciences; To share on the subjects and requirements of Science, Scientific Research, Scientific Publication, Education and Training and Professional ethics; Discussing a Roadmap for Creating and Maintaining an Ethical Culture in Health Sciences, investigating the basis of all human behavior and actions by addressing the judgments behind moral attitudes, and understanding the close relationship between ethics and morality are among the objectives of the course.
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Course Descriptions – II: All Area Core and Faculty/School Core courses offered by other academic units.

Code	Course Title	Credit	Credit	Catego.	Pre-requisite	Teaching Language
Course Content	ANTY101 ANATOMY-I	(2, 0, 2)3	5	FT	-	English
Course Content	The aim of the course is to teach the anatomy of the bones of the human body, the skeletal system, the anatomy of the head and neck, the anatomy of the circulatory and respiratory systems, the morphological structures, and the vascular and nerve structures. At the end of this course, the student; By learning the structure of the skeleton, bone structure and formations, the relations of bones with joints, they will learn clinical information about bones and anatomical terminology. To comprehend the general information and basic anatomical terminology about the systems that make up the human anatomy, to consider the bones, joints and muscles that make up the movement system both as separate structures and regionally.					
Course Content	ANTY102 ANATOMY-II	(2, 0, 2)3	5	FT	-	English
Course Content	Brain and nervous system anatomy, respiratory system anatomy, blood, heart and circulatory system anatomy, digestive system anatomy, esophagus, stomach, small and large intestines, liver, pancreas and gall bladder, endocrine system anatomy; pituitary, hypothalamus, thyroid, parathyroid, adrenal, pineal glands, genitourinary system anatomy; kidneys, ureters, bladder, prostate, uterus and ovaries, and reproductive system. At the end of this course, the student will be able to comprehend the anatomy of the systems in the body.					
Course Content	BPYS101 BIOPHYSICS	(2, 0, 0)2	2	FT	-	English
Course Content	Basic concepts of biophysics, basic areas of molecular biophysics, bioenergetics, biophysical events in cells, biopotential, action potential, synaptic transmission, receptors, EEG, EMG, bioelectric events in the heart and basic principles of ECG, circulatory and respiratory dynamics, hearing biophysics, optics and vision biophysics, radiation biophysics, biological effects of radiation, molecular biophysical methods, medical imaging methods. To gain the ability to interpret biological phenomena in terms of biophysics such as structure, information and energetics, and to gain the biophysical foundations of applications such as light, sound, laser, ultrasound and ultraviolet light in dentistry. To have knowledge about the basis of biophysical applications used in dentistry					
Course Content	BIOL101 MEDICAL BIOLOGY AND GENETICS	(3, 0, 0)3	4		-	English
Course Content	Structure, division and function of the cell; structure, function and variations of genetic material; Subjects related to inheritance patterns, gene technologies and treatment methods will be covered. The aim of the course is to train students who have knowledge on cell biology, molecular genetics and tissue types and can adapt their knowledge to the field of Medical Laboratory. It is a course in which the human-related part of biology taught during pre-university education is shown in detail and molecular life is explained.					
Course Content	DENT106 HISTOLOGY AND EMBRYOLOGY	(2, 0, 0)2	3		-	English
Course Content	It is aimed to know the microscopic structure and functions of the cells and organelles that make up the human body, and to learn the histological features and functions of different tissue types. For this course, there is a chance to get to know living things on a cell basis by making use of microscope laboratories. Microscope types, cell histology, tissues and general embryology, skin, blood, teeth, circulatory system, face and respiratory system, mouth and digestive system and related organs, liver, gall bladder, pancreas, immune system, urinary system, endocrine system, nervous system system developments and histologies are the general content of the course.					
Course Content	CHEM112 ORGANIC CHEMISTRY	(3, 0, 0)3	4		-	English

Course Content	This course includes the topics of; introduction to organic chemistry, C-C bonds, formation and properties of carbon-heteroatom bonds, alkanes and radical substitution reactions, alkenes, elimination and addition reactions, alkynes, cycloalkanes, aromaticity and aromatic substitution reactions, stereochemistry, alkyl halides, nucleophilic substitution reactions, acid basicity, alcohols and phenols, carbonyl compounds, aldehydes and ketones, nucleophilic addition reactions to carbonyl groups, α -positioning reactions of the carbonyl group, carboxylic acids and their derivatives, amines and their reactions, amino acids and proteins, carbohydrates, Nucleic acids : DNA and RNA.						
BCHM231	BIOCHEMISTRY	(2, 0, 0)2	4			-	English
Course Content	Amino acids and protein biochemistry, digestion and metabolism of proteins, carbohydrate biochemistry, digestion and metabolism of carbohydrates, lipid biochemistry, lipid digestion and metabolism, nucleic acids, hormones, vitamins and clinical biochemistry analysis are covered. Fundamentals of biochemistry, nucleic acids and nucleotides, DNA, transcription, biochemistry of endocrine glands, salivary and caries biochemistry, digestion and metabolism. Acid, base, carbohydrate, lipid, amino acid, protein metabolisms, peptides, enzymes, biological membranes, digestion and absorption, intermediate metabolisms, hormones, body fluids and saliva biochemistry, water and electrolyte balance, biochemistry of epithelial, connective, nerve, muscle tissues, Human genetics, immunochemistry, bacterial and dental plaque metabolism, biochemistry of calcium, phosphate, apatite and fluorine-containing compounds are the general content of the course.						
PHYS207	PHYSIOLOGY-I	(2, 0, 0)2	4			-	English
Course Content	Physiology aims to teach the basic functioning mechanisms of all organs and systems and the regulation of these works, starting from the cell, which is the most basic building block of the human organism. It aims to teach the working mechanisms of the systems that make up the human organism in order to maintain homeostasis in changing internal and external conditions, and to gain the authority to look at the organism as a whole. Teaching respiratory physiology, digestive physiology, kidney physiology, endocrine glands and reproductive physiology, central nervous system physiology and sensory physiology with theoretical lectures and discussions and practical laboratory applications.						
MCRB101	MICROBIOLOGY	(2, 0, 0)2	4			-	English
Course Content	Basic concepts of microbiology; Classification of microorganisms, structures of bacteria, viruses, fungi and parasites, disease-causing mechanisms, important diseases they cause and diagnosis and treatment of these diseases, immune system, antimicrobial drugs and their uses. To create the concepts of microbe and infection, to give information about the microorganisms that are important. Anatomical structure and morphological characteristics of microorganisms, nutrition and reproduction characteristics of microorganisms, host-microorganism relationship sterilization disinfection specific and non-specific immunity antigen and antibody immunization midterm gram negative cocci, gram positive cocci gram positive bacilli gram negative bacilli viral diseases transmitted by blood through respiratory transmitted viral diseases basic parasitology parasitic diseases important in dentistry.						
HESC201	RESEARCH METHODS IN HEALTH SCIENCES	(2, 0, 0)2	3			-	English
Course Content	Basic principles and concepts of science and scientific research, scientific research strategies, methods and techniques, searching and finding the information required for scientific research and its sources, comprehending the strategies; recognizing the types of knowledge organization and information source, determining the structure and size of the knowledge required for scientific research, accessing the knowledge required for scientific research quickly, effectively and efficiently, critically evaluating the knowledge required for scientific research and its sources, and basing the selected knowledge on one's own knowledge base and value. system/system, using and sharing information effectively to achieve a specific purpose individually or as a member of a group will be taught in the course.						
PHYS208	PHYSIOLOGY-II	(2, 0, 0)2	4			-	English
Course Content	Teaching respiratory physiology, digestive physiology, kidney physiology, endocrine glands and reproductive physiology, central nervous system physiology and sensory physiology with theoretical lectures and discussions and practical laboratory applications. Autonomic nervous system, chemical properties and functions of blood, hemodynamic principles, arterial pressure, respiratory system, digestive system, body temperature, coronary circulation, physiological properties of the heart. Autonomic nervous system, chemical properties and functions of blood, hemodynamic principles, arterial pressure, respiratory system, digestive system, body temperature, coronary circulation, physiological properties of the heart are the general content of the course.						
HESC107	FIRST AID	(2, 0, 0)2	3			-	English

Course Content	Causes of community disasters and the role of relevant institutions and health personnel, the importance of first aid, goals and first aid supplies, first aid in respiratory arrest, heart and lung resuscitation (CPR), first aid in bleeding, first aid in shock-coma-fainting, first aid in injuries aid, first aid in fractures, dislocations and sprains, first aid in head-spine and abdominal trauma, first aid in burns and poisoning. To teach the importance of emergency and first aid intervention required in the dentistry profession, to define the emergency medical situations that may be encountered, to teach the treatment methods and their importance. Classification of systemic emergencies, emergency response principles, emergency response order, emergency medical aid methods					
PHRM332	PHARMACOLOGY	(2, 0, 0)2	4		-	English
Course Content	It covers the subjects of drugs used in dentistry, drug metabolism, mechanism of action and unwanted side effects of drugs, drug interactions. Basic concepts in pharmacology and toxicology, pharmacological properties and side effects of drugs effective on tissue and organ systems. It is to gain basic information about the mechanism of action of pharmacological agents, the properties and side effects of drugs effective in organ systems. To create an infrastructure for a better understanding of clinical pharmacology issues. It is to gain basic information about the mechanism of action of pharmacological agents, the properties and side effects of drugs effective in organ systems. To create an infrastructure for a better understanding of clinical pharmacology issues.					
DISH402	INTERNAL MEDICINE	(1, 0, 0)1	1		-	English
Course Content	It covers the importance of systemic diseases in dentistry and the preventive measures to be taken and aims to learn. The relationship between chest diseases, gynecological diseases, allergic diseases, nephrological diseases, hypertension, hepatitis, HIV, diabetes, peptic ulcer and gastrointestinal system diseases, rheumatological diseases, geriatric diseases, heart diseases, bleeding diathesis and anemic diseases and oral and dental health are examined. It is aimed that the dentist will be prepared for the systemic diseases that he will encounter during the treatment and it is ensured that he obtains the necessary information. At the end of the course, they will know the importance of consulting the dentist and the effect and importance of the drugs used by the patients on the treatment.					
DISH404	ORAL PATHOLOGY	(2, 0, 0)2	3		-	English
Course Content	The aim of the course is to teach the pathogenesis of common oral lesions and the basic concepts and terms related to these diseases. Understands the general principles of oral pathology, defines developmental, infectious and immunological diseases of the head and neck region. Learns the basic concepts of pathology. Gains information about the place of pathology and laboratory techniques in tumor diagnosis. Gains knowledge about the etiology and pathogenesis of infectious diseases. Knows the causes and pathogenesis of cell injury. Learns the pathological findings of acute and chronic inflammation. Learns the functions of cellular and humoral immunity and the cells involved.					
DISH502	OTORHINOLARYNGOLOGY AND SPEAKING DISORDERS	(1, 0, 0)1	2		-	English
Course Content	To teach the clinical findings, differential diagnosis and treatment principles of congenital, infectious and neoplastic diseases in the head and neck region. Comprehending the necessary dentistry approaches in situations that cause speech problems. Discusses the causes of salivary gland diseases and deep neck infections, indications for neck dissection, the relationship of paranasal sinus diseases with the orbit and oral cavity, ear infections and non-ear causes that may cause ear pain, and the necessary intervention methods in terms of dentistry in speech disorders. Theoretical information about otorhinolaryngological examination procedures, nasal paranasal sinus physiology, infections, congenital diseases is obtained.					
Ders Tanımları – III : Programı sunan Bölüm tarafından verilen Alan Seçmeli ve Fakülte/Yüksekokul Seçmeli dersler						
Code	Course Title	Credit	Credit	Catego.	Pre-requisite	Teaching Language
Course Content	The aim of this course is to teach the general definition of periodontology and the importance of periodontology in clinical practice. Definition of periodontology and periodontal tissues, periodontal indices, initial periodontal diseases and periodontal anatomy, structure of periodontium, gingival structure, periodontal tissue differences in children and adults, taking and keeping periodontal records from patients, aims and objectives of cleaning and polishing processes and oral hygiene habits are among the topics of the course. At the end of this course, the student will understand the diagnosis and treatment limits of the department of periodontology and will learn how to perform simple periodontal treatments.					
DENT334	DEVELOPMENTS IN ORTHODONTICS	(2,0,0)2	4	AE	-	English

Course Content	In this course, what orthodontics is and what treatments can be done by the orthodontics department will be taught. To have basic information about head-face-jaw development, to have information about the normal development of milk, mixed and permanent dentition and ideal occlusion, to know the factors that cause orthodontic anomalies, to identify deviating situations related to the mouth-tooth-jaw region, orthodontic Taking records from patients and keeping records, teaching the results of orthodontic treatments are among the objectives of the course. Taking impressions with oral cameras and preparing digital models will be taught.						
DENT335	BEHAVIORIAL SCIENCES	(2,0,0)2	4	AE	-	English	
Course Content	Behavioral Sciences deals with the relationships in all areas of life and the concepts and issues that guide our understanding of ourselves in these relationships. In this respect, all social sciences are in close relationship with Behavioral Sciences. Because Behavioral Sciences focuses on people and the environment and society in which people interact. It is the transfer of basic information that will make the relationship of the individual with the society meaningful and enable him to control the processes. At the end of this course, the student will learn how the patient-physician relationship should be, and how to approach both human health and the environment.						
DENT336	GENERAL ANESTHESIA	(2,0,0)2	4	AE	-	English	
Course Content	About the terminology in general anesthesia, the definition and history of anesthesia, the definition and working principles of the operating room, the definition and introduction of the recovery room, teamwork in the operating room, ethical and legal rules, the introduction of anesthesia machines, the introduction of anesthesia circuits, the protection of anesthesia machines, premedication, record keeping in anesthesia and its importance. general information is given. Preoperative evaluation, evaluation of preoperative fluid-electrolyte balance, premedication, monitoring, intubation, extubation, position and complications, recovery room, approach to postoperative pain, anesthesia and drugs (Dopamine-Dobutrex), anesthesia and drugs (Nitroglycerin-Niprus), anesthesia and drugs (Digitals), anesthesia and drugs (H2 receptors-Antiemetics), anesthesia and drugs (Esmolol-Propranolol) are explained.						
DENT337	DEONTOLOGY AND ETHICS	(2,0,0)2	4	AE	-	English	
Course Content	This course; Roles, responsibilities and obligations of dentists, legal aspects of dentists, basic human rights and legal aspects, right to health, patient rights, dentistry and values, ethics and dentistry, care ethics, ethics, morality, deontology definitions, ethical classification, It includes universal ethical principles, dentistry ethical codes, ethical dilemmas and solutions, definitions and terms (Ethical Uncertainty, Ethical Problem, Ethical Dilemma), ethical theories, ethical decision-making process, ethical sensitivity, medical developments and ethical aspects, and malpractice. At the end of this course, the student; By comprehending the concepts, theories and principles of ethics, values, rights, universal and dentistry ethical principles, it gives the ability to make the right decision in the solution of ethical dilemmas.						
DENT338	LITERATURE FOLLOWING AND PRESENTATION TECHNIQUES	(2,0,0)2	4	AE	-	English	
Course Content	Accessing information, distinguishing scientific information, examining scientific publications in various sources, learning presentation techniques, and making effective presentations in accordance with the information to be presented are among the objectives of the course. The student comprehends the ways of accessing literature knowledge, comprehends the purpose of the studies in the literature, interprets an original scientific study in terms of clinical practice, knows and applies presentation techniques, makes a scientific presentation in a successful and effective manner, understands the purpose of a study, the way it is done, and can argue whether it is done with the right methods.						
DENT339	3D IMAGING IN DENTISTRY	(2,0,0)2	4	AE	-	English	
Course Content	This course aims to provide dental students with basic training in 3D extraoral-intraoral imaging and diagnostic methods in dentomaxillofacial radiology. To be able to use the information necessary for diagnosis and treatment planning about diseases of the mouth and surrounding tissues, to reach up-to-date and reliable information by accessing appropriate tools and to interpret this information with a critical and analytical perspective, to analyze the basic medical sciences knowledge gained with the systemic condition of the clinical patient. It is aimed to be able to relate the knowledge gained in basic and clinical sciences according to the normal and pathological conditions encountered in dentistry practices, to define the odontogenic and nonodontogenic cysts and cyst-like formations and their radiological appearances in the dentomaxillofacial region.						
DENT340	EVIDENCE-BASED DENTISTRY	(2,0,0)2	4	AE	-	English	

Course Content	It is the aim of the course to be able to restructure the way of thinking about clinical problems and make decisions based on the best available scientific evidence. It is aimed to find the most appropriate evidence for the clinical problems of the patient, evaluation of the evidence, and the treatment of the patient. It includes forming a clear question about the patient's clinical problem, critically evaluating the evidence, using the most relevant and appropriate evidence to treat the patient, evaluating how well previous steps have worked, and explaining the concept of monumental dentistry.					
DENT341	CAD/CAM APPLICATIONS IN RESTORATIVE DENTISTRY	(2,0,0)2	4	AE	-	English
Course Content	It is aimed to have knowledge about new technological developments and cad cam systems in dentistry. This course; Innovations and current approaches in Restorative Dentistry, innovations and current approaches in pedodontics, Innovations and current approaches in Oral and Maxillofacial Surgery, Innovations and current approaches in Endodontics, Innovations and current approaches in Orthodontics, Innovations and current approaches in Oral diagnosis and Radiology, innovations and current approaches in periodontology and cad-cam applications in dentistry ; includes topics. Intraoral and extraoral applications with cad/cam will be taught.					
DENT342	THE RATIONAL USE OF ANTIBIOTICS IN DENTISTRY	(2,0,0)2	4	AE	-	English
Course Content	Importance of rational antibiotic use, Indications and contraindications for antibiotic use in dentistry, Antibiotics used in odontogenic infections, Prophylactic antibiotic use in dentistry. Oral infection microbiology and the rational use of antibiotics for the causative agent. In which cases preoperative and / or postoperative antibiotic use is necessary. To gain awareness about the development of antibiotic resistance and how dentists contribute to this situation and how to prevent this situation. It includes teaching the appropriate antibiotic type used in odontogenic infections, the routes of administration and the duration of antibiotic treatment.					
DENT343	ETHICS OF DENTISTRY	(2,0,0)2	4	AE	-	English
Course Content	"It is aimed to teach the proper professional behavior habits and the details of the science of professional duty. It is aimed to teach general information about the concepts of dentistry ethics, research and publication ethics, patient-physician relations in terms of ethics, patient rights and physician responsibility. Some of the issues to be considered in the consultation are incompatible with medicine. examination of issues; ethical issues related to special cases such as AIDS discussing; will have information about presenting correct behavioral models to physician candidates by addressing issues such as medical deontology regulation and physician oath."					
DENT344	RESPONSIBILITIES OF THE DENTIST	(2,0,0)2	4	AE	-	English
Course Content	Examination of patients, writing reports and prescriptions, informing patients about oral and dental health, how to treat and follow up gingival diseases, dental calculus cleaning, filling canal treatment for teeth, applying procedures such as capping, prosthesis (fixed-moving) procedures of patients and Carrying out the work done in coordination with the administration to ensure the continuity of activities within the scope of the Ministry of Health service quality standards and patient and employee safety, and to keep them at the desired level, taking measures, establishing, implementing and developing the Quality Management System in the institution.					
DENT345	DENTISTRY AND AESTHETICS	(2,0,0)2	4	AE	-	English
Course Content	It is one of the objectives of the course to provide comprehensive and detailed education about the clinical applications of aesthetic and current restorative materials in dentistry. Aesthetic concepts, the relationship between dental structures and aesthetics, multidisciplinary dental approaches for aesthetics, aesthetic restorations, aesthetic approaches in periodontal and peri-implant treatment, the relationship between aesthetics and orthodontic treatment are explained. Within the scope of this course, information about establishing the relationship between face and tooth elements in aesthetic dentistry, whitening, color and anterior region restorations will be discussed. You will have information about gingival aesthetics, laminated and full porcelain crowns, aesthetic composite fillings.					
DENT346	INTRODUCTION TO DENTISTRY	(2,0,0)2	4	AE	-	English
Course Content	This course covers the emergence of professions, the characteristics of health professions, the structure of the dentistry profession, the sense of professional belonging and professional ethical					

Course Content	responsibilities. The aim of the course is to introduce the fields of interest of the departments in the Faculty of Dentistry, to explain the duties and treatment powers of each department, to convey information about milk and permanent teeth, to explain the duties and responsibilities of dentists, to explain the characteristics and responsibilities of the dentist.					
DENT347	ORAL DENTAL HEALTH AND CARE	(2,0,0)2	4	AE	-	English
Course Content	Importance of oral and dental health, dental plaque, mechanical supragingival plaque control, chemical plaque control, caries detection. Student Understands the importance of oral and dental health, interprets the relationship between systemic health and oral health. Analyzes the importance of dental plaque and detects the presence of dental plaque. Defines and applies mechanical plaque control. Defines and applies chemical plaque control. Understands the importance of information and one-to-one application in order to be successful in plaque control. Tooth brushing techniques, contents of toothpaste, types of toothbrushes and oral hygiene tools will be explained.					
DENT348	DENTAL MALOCCLUSIONS IN ORTHODONTICS	(2,0,0)2	4	AE	-	English
Course Content	Definition of normal occlusion, primary dentition, mixed dentition and permanent dentition, preventive orthodontic treatments, rotated teeth, supernumerary teeth, missing teeth, ectopic erupted teeth, impacted teeth, diastema, anterior crossbite, posterior crossbite, open bite, deep veiled occlusion, ankylosed teeth, growth and development of dental arches, transition from primary dentition to permanent dentition, factors that play a role in malocclusion etiology, congenital anomalies are explained. The aim of the course is to give information about the treatment methods by teaching orthodontic problems related to the teeth.					
DENT349	DENTISTRY AND SPORTS INJURIES	(2,0,0)2	4	AE	-	English
Course Content	The aim of this course is to provide intervention and treatment in traumas and injuries that may occur during sports, to protect and treat orofacial traumas and blows occur as a result of doing sports. To learn the soft and hard tissue injuries that may occur in the teeth and surrounding bones and oral disorders that may occur as a result of injuries in these areas. To teach the aim of the sports dentist and to learn to find solutions to these problems as quickly and professionally as possible.					
DENT350	INFECTION CONTROL IN DENTISTRY	(2,0,0)2	4	AE	-	English
Course Content	The aim of this course is to analyze cross-infections in dentistry by using basic information about infection control techniques, equipment and their use, and take the relevant precautions to prevent these infections. The content of this course covers infection control, cross infection, infectious diseases, sharp and puncture wounds, sterilization and disinfection, infection control rules in clinic and laboratory, dental unit water systems, office cleaning and medical waste management. In addition, infectious diseases, how diseases such as hepatitis and HIV affect us and our lives will also be mentioned.					
DENT351	DENTISTRY IN PATIENTS REQUESTING SPECIAL CARE	(2,0,0)2	4	AE	-	English
Course Content	To be able to describe the effects of common disorders, disability and well-being on oral health and oral functions. To learn about and comment on the characteristic oral symptoms of certain patient groups. To define the relationship between oral health and general health in the patient group requiring special care. To be able to synthesize oral health markers related to the quality of life of the patient group requiring special care. To be familiar with the systemic and oral side effects, pharmacology and basic interactions of the drugs frequently used by the patient group requiring special care.					
DENT352	DENTAL RECORDS IN ENDODONTIS	(2,0,0)2	4	AE	-	English
Course Content	Taking dental records, creating digital and printed radiographs and photographs, archiving records, learning legal responsibilities, evaluating the archive in patient follow-up are among the subjects of the course. In this course, it will be explained how dental records are taken, how these records are stored for the patient, how they can be found from the archive and how they can					

	be compared with new records. During endodontic treatment, the importance of root canal length follow-up, infection follow-up and recording the treatment will be emphasized.						
DENT353	COMMUNICATION IN DENTISTRY PRACTICE	(2,0,0)2	4	AE	-	English	
Course Content	The importance of the communicative quality, type, size and effectiveness of the relationship to be established between the doctor, staff or employee and the patient, and communication channels will be explained. The importance of mutual communication in doctor-patient communication will be taught, as well as the transfer of the language used by the health personnel among themselves to the communication established with the patient, the predictions about health, the positive or negative development of the opinions, as well as the treatment applied by the doctors.						
DENT354	HISTORY OF DENTISTRY	(2,0,0)2	4	AE	-	English	
Course Content	The aim of the course is to explain the historical development of dentistry from the beginning to the present and the discovery and development of clinical instruments. Dentistry in ancient times, Dentistry in the Middle Ages, History of general dentistry, Dentistry in ancient times, 7-15. Dentistry in the 16th century, history of dentistry in the 16th century, history of dentistry in the 17th century, history of dentistry in the 18th century, history of dentistry in the 19th century, history of dentistry in the 20th century, History of recent dentistry , Development of dentistry according to branches, Development of instruments used in dentistry, History of Turkish dentistry, Professional dental associations, Dentistry with photographs.						
DENT355	DENTIST PATIENT COMMUNICATION AND BODY LANGUAGE	(2,0,0)2	4	AE	-	English	
Course Content	Definition and characteristics of communication, explaining the importance and necessity of physician-patient communication, introducing the factors affecting physician-patient communication, explaining physician-patient relationship models, explaining verbal and nonverbal communication rules during physician-patient interview, examining effective communication techniques are among the objectives of the course. First of all, as a Dentist, it will be taught to gain information about establishing mutual trust with the patient, to perceive and communicate with the patient in more detail, and to enable the individual to use body language and create a perception in order to increase the quality of life of the individual.						
DENT356	CLINICAL SKILLS EDUCATION	(2,0,0)2	4	AE	-	English	
Course Content	The aim of this course is to acquire selected technical skills and basic communication skills to be used in clinical practice. At the end of this course, students; Makes accurate anthropometric measurements, demonstrates basic methods of physical examination, can accurately perform anthropometric measurements, can describe basic principles of interpersonal relationships, demonstrate behavioral skills associated with positive communication, demonstrate effective and responsive communication, and demonstrate active listening and responsiveness in interpersonal communication applies principles and strategies to effectively give and receive feedback in a variety of teaching and learning contexts.						
DENT357	PROSTHODONTIC APPROACHES IN IMPLANTOLOGY	(2,0,0)2	4	AE	-	English	
Course Content	At the end of this course, students; learns planning about implant surgery, acquires planning skills related to implant supported prostheses, learns to overcome the problems that may be encountered with implant supported prostheses while working on the patient or with dental technicians, will know the indications and contraindications of the treatment of missing teeth with dental implant supported restorations, and the stages of treatment planning. will have information about the treatments applied when there are soft tissue deficiencies around dental implants, will learn about peri-implant diseases and their treatments, will have information about the maintenance care of implant supported restorations. While planning the treatment in implant patients, they will also learn about non-surgical treatments.						
DENT358	DENTAL PHOTOGRAPHY	(2,0,0)2	4	AE	-	English	
Course Content	This course; Introduction to photography, types of cameras, working principles of the camera, lenses, lens types, filters, other auxiliary tools of the photographer, things to consider when buying a camera, the formation of the photograph - diaphragm, shutter speed relationship, examples of shutter speed and diaphragm selection, reasons for photographing in dentistry, case photography techniques in dentistry, Intraoral mirrors; includes topics. The overall aim of the course is to provide participants with an understanding of the value and application of clinical digital photography and to gain skills in basic camera and computer techniques.						

DENT359	MULTIDISCIPLINARY APPROACH TO DENTISTRY	(2,0,0)2	4	AE	-	English	
Course Content	It is explained how dentin sensitivity, bad breath and its treatment, treatment of endo-perio lesions, incision and flap techniques, pulp coating can be treated with a multidisciplinary approach, and how dentistry specialties work in coordination with each other. Eight departments in dentistry such as endodontics-periodontology, surgery-oral diagnosis, periodontology-prosthesis-orthodontics, endodontics-restorative dental treatment work in harmony with each other and in a coordinated manner. In addition, dentistry should be in communication with other branches of medicine and the causes of oral diseases should be solved with a multidisciplinary approach. In this course, cooperation between physicians, exchange of views and communication will be explained both during diagnosis and treatment.						
DENT360	RESEARCH PLANNING AND IMPLEMENTATION	(2,0,0)2	4	AE	-	English	
Course Content	Students are expected to prepare a research proposal in the field of social work by using their knowledge and skills related to scientific research methods and research process. This course allows students to undertake a research project in small groups under the direction of a lecturer. The course focuses around the topics students choose in relation to their research projects. Students will develop a research project in a problem area related to their field. During the course, students are expected to plan a research on the topic they have chosen in accordance with the "research proposal" rules and be ready to implement it by developing the data collection tool.						
DENT361	PRACTICE MANAGEMENT AND ERGONOMICS	(2,0,0)2	4	AE	-	English	
Course Content	General information about the tools and equipment used in the practice, how the practice should be organized, occupational diseases and the definition of ergonomics in dentistry. They will learn the legal procedures related to the establishment of a dental clinic. He/she will learn how to organize the clinic in accordance with ergonomic rules. Will have information about the regulation of institution and person relations. Recognize the ways of continuing professional development. They will learn the principles of financial management and appointment management. Gain knowledge about the marketing of the profession. The aim of the course is to equip dentists who are about to graduate with basic knowledge about the clinical setup and administration of our profession.						
DENT362	IMPLANTOLOGY	(2,0,0)2	4	AE	-	English	
Course Content	Basic concepts, materials and application techniques related to dental implantology applications in dentistry are explained. Teaching the anatomy and histology of periimplant tissues. Teaching implant structures, types and indications for use. Patient selection and determination of implant indication according to the case. Clinical and radiographic evaluation of cases before implant surgery. To have sufficient knowledge for the diagnosis of periimplant diseases. Teaching implant supported removable partial denture, implant supported fixed partial denture, implant supported full denture and implant tissue supported removable partial denture types, indications, contraindications, principles of biomechanics, treatment planning and construction stages are the objectives of the course.						
DENT363	INTRODUCTION TO CLINIC	(2,0,0)2	4	AE	-	English	
Course Content	Before starting the clinical internship, it is aimed that the students will have information about the operation of the clinics and the treatments, by observing in the clinics of the Faculty of Dentistry, to recognize and prepare the materials used, to see the preparation process of the patient before starting the treatment, and to learn to assist the physician. It is aimed to welcome the patient from the first moment he/she enters the clinic, to ease his/her tension, to address and approach, to observe the attitudes and attitudes of the physician towards the patient during the treatment, to learn the recommendations given to the patient after the treatment, and to teach the processes of making an appointment.						
DENT364	LAMINATE VENEERS IN RESTORATIVE DENTISTRY	(2,0,0)2	4	AE	-	English	
Course Content	Indications and contraindications of laminates veneers, diagnosis and treatment planning, clinical cases for laminates veneer, clinical steps of laminate veneers and full protocol, shade selection, conventional preparation for laminate veneers, veneer preparation kit types and use of them, impression recording materials, clinical tips and tricks and provisional restorations, all ceramic selection and usage areas, veneer try, full protocol of veneer cementation, clinical tips for cementation, delivery appointment, maintenance, and factors affecting success of the veneers are the contents of the course.						

DENT365	LASERS IN DENTISTRY	(2,0,0)2	4	AE	-	English	
Course Content	Basic laser physics, laser safety and the usage areas of lasers in different dentistry specialties will be explained and examined in detail. The basic working principles, laser types, application methods of lasers used in dentistry will be explained and evaluated, and the advantages and disadvantages of laser use will be discussed. Learning about the use of laser and its technical features, points to be considered while using lasers and methods of protecting the patient and the physician from laser beams, lasers used in hard and soft tissues, complications that may occur during treatment and things to be considered after laser treatment will be explained.						
DENT366	SURGICAL APPROACHES IN IMPLANTOLOGY	(2,0,0)2	4	AE	-	English	
Course Content	At the end of this course, students will learn dental implantology, radiographic evaluation of surgical area, advanced surgical applications, biomaterials used in implant applications, implant types and periimplantitis treatment and implant-supported prostheses. This course includes; Systemic evaluation of patients, Evaluation of periodontal tissues, Biomaterials in implant applications, Current approaches in periodontology; topics. In addition, bone augmentation, sinus lift procedures, piezo surgery, membrane applications, prp and prf applications, suture techniques, suture materials, incision techniques and lancet types will also be explained.						
DENT367	CURRENT APPROACHES IN IMPLANTOLOGY	(2,0,0)2	4	AE	-	English	
Course Content	Implant tooth: similarities and differences, whether implant treatment can be applied to each patient, radiographic evaluation, implant surgery, soft and hard tissue deficiencies, perimucositis, periimplantitis, maintenance of the implant patient, implant applications on the model will be explained and a case discussion will be made. Defining the biological aspects of dental implants, planning of dental implant treatment, stages of dental implant surgery, aesthetic approaches in implantology, clinical follow-up of patients treated with dental implants will be taught. Using today's technology, the application of implant surgery and the making of prostheses on implants will be explained.						
DENT368	DIGITAL DENTISTRY	(2,0,0)2	4	AE	-	English	
Course Content	The content of the course is to teach the basic application principles and usage areas of CAD-CAM technology in prosthetic, orthodontic and restorative dental treatments. This course includes; digital dentistry-digital workflow in dentistry, digital laboratory setup, components of CAD CAM technology, components of CAD CAM technology, CAD CAM applications in fixed prostheses, CAD CAM applications in removable prostheses. CAD CAM applications in removable prostheses, maxillofacial prostheses, CAD CAM materials - Metallic, CAD CAM materials - Ceramic, components of CAD/CAM in orthodontic modelling.						
ECZA451	ORAL PHARMACOLOGY	(2,0,0)2	4	AE	-	English	
Course Content	The aim of this course is to provide students with a special knowledge of the general principles of pharmacology, antimicrobial drugs, autonomic system drugs, cardiovascular system drugs, central nervous system drugs, calcium metabolism modulators and nonsteroidal anti-inflammatory drugs. Introduction to antimicrobial chemotherapeutics, Beta Lactam antibiotics, Vancomycin and other antimicrobial drugs, Macrolides, Quinolones, Sulfonamides, chloramphenicol and tetracyclines, Aminoglycosides, Antimycobacterial drugs, Antiviral drugs, Antiprotozoal drugs, Antifungal drugs, Anti-malarial drugs. Drugs, Antiseptics and disinfectants, Pharmacology of the Renin Angiotensin System, Calcium Channel Blockers, Pharmacological Approach to Ischemic Heart Disease, Drugs Affecting Body Fluids and Volume, Anti-hypertensive Drugs, Hypolipidemic Drugs, Antiarrhythmic Drugs, Preventive Bronchodilators, Expectorants and surfactants, Antiplatelet Drugs, Antithrombotic and Thrombolytic drugs constitute the content of the course.						
PHYS355	ORAL PHYSIOLOGY	(2,0,0)2	4	AE	-	English	
Course Content	This course; temporomandibular joint anatomy, biological laws regulating the functions of the muscles that move the lower jaw, basic positions where lower jaw movements start (Centric relationship, centric occlusion), basic positions where lower jaw movements start (Long centric, centric freedom), basic positions where lower jaw movements start (Vertical Size, Occlusal Vertical Dimension, Resting Vertical Dimension), lower jaw motion types (Movement Planes, Classification, Rotation Axes), lower jaw motion types (limited motions of mandible, marginal movements of mandible), clinical importance of mandible movements, horizontal, determinants of occlusal morphology in sagittal and frontal planes, occlusion theories and optimum occlusion criteria, occlusion types and prerequisites for occlusion types; includes topics.						

DENT370	FORENSIC SCIENCE	(2,0,0)2	4	AE	-	English
Course Content	<p>It is aimed to inform about the fields of study of forensic medicine, the evaluation of forensic cases and the procedures applied. Information on the application areas of forensic medicine, its history, death, autopsy, YSRS, sexual assault, domestic violence, forensic psychiatry, malpractice and human rights violations are given. Knows forensic procedures. can understand the forensic medicine reports related to the case. Understands ethical and scientific evaluation rules. History of forensic medicine, Death information, Dead examination, duties of physicians related to death, Suspicious (pathological) deaths, Procedures to be performed in discovery and autopsy.</p>					
DENT371	PSYCHIATRY AND NEUROLOGY	(2,0,0)2	4	AE	-	English
Course Content	<p>It is aimed that the students who take this course will acquire the knowledge of neurology and psychiatry related to dentistry. This course covers neurology examination and emiology, neuromuscular and demyelinating diseases, introduction to psychiatry, classification and diagnosis systems, mood disorders, schizophrenia and psychoses, cerebrovascular diseases, neurological findings in geriatric patients, somatization disorders, personality disorder, psychological approach in geriatric patients, Alzheimer's and dementia, Parkinson's disease, epilepsy; includes topics. Students who take this course know the working area of neurology, know the basic treatment principles of psychiatry, know the basics of neurological disorders, apply the principles of approach to psychiatric patients, know the treatment principles in geriatric patients, know the neurological and psychiatric diseases related to dentistry.</p>					
DENT372	COMMUNICATION SKILLS TRAINING	(2,0,0)2	4	AE	-	English
Course Content	<p>It is aimed that students gain awareness of their own communication styles and their strong and open aspects in communication. Moreover; It is aimed to increase both personal and corporate success thanks to the effective communication skills they have acquired. Lesson; It aims to develop students' thinking, analysis and discussion skills in the field of communication. Course content; Definition, elements and features of communication and effective communication, language used, self-knowledge, effective listening and feedback, factors preventing and facilitating communication, persuasive communication, the role and use of emotions in communication, effective communication techniques, conflict and prevention in communication, nonverbal communication skills , rules of behavior in social life; manners and courtesy, communication practices, and the adoption of communication's relations with other disciplines.</p>					
DENT373	VISUAL COMMUNICATION	(2,0,0)2	4	AE	-	English
Course Content	<p>The products of this field, where many forms of communication are brought together; Web pages, interactive CDs and DVDs, and three-dimensional virtual worlds have become part of daily life in many ways. In this context, visual communication includes communication as well as art discipline, using computer-based communication technologies in the best way, mastering video, photography, sound, writing, graphics, 2D and 3D design and animation and interaction design within the framework of sound and image, and combining them. aims to educate students who try to design messages by melting them in a pot.</p>					
DENT374	CLINICAL MICROBIOLOGY	(2,0,0)2	4	AE	-	English
Course Content	<p>Normal flora and regions without normal flora and microorganisms that cause infection in these regions; introduction to microbiology, diagnosis of infectious diseases, microbial virulence factors, pathophysiological evaluation of normal bacterial and fungal flora, samples coming to clinical microbiology laboratory and methods used in diagnosis, tests performed in culture, serology, mycology and virology laboratories, evaluation of reports from clinical microbiology laboratory and association with the disease , human microbiome project, the ways to be followed in antimicrobial therapy according to the results of the human microbiome project, classical identification methods of microorganisms, culture verification and the use of direct detection probes, molecular identification methods of microorganisms, nucleic acid amplification methods, diagnostic sequence analysis and mutation detection.</p>					
DENT375	ORAL BIOCHEMISTRY	(2,0,0)2	4	AE	-	English
Course Content	<p>Important elements for oral health in fluorine sample, biochemical contents of toothpastes, the importance, diagnosis, causes and treatment of halitosis, use of laboratory tests in dentistry and clinical interpretations, systemic diseases and their effects on oral health, structure, content, importance and functions of saliva, taste how the sense of hearing occurs, the reasons for the increase and decrease in salivary flow rate, how the saliva sample is taken, the formation of caries, the washing effect of saliva are explained in this course.</p>					

DENT376	WAIST AND NECK HEALTH	(2,0,0)2	4	AE	-	English
Course Content	<p>To introduce situations that cause low back and neck pain; to review the pathophysiology and evaluation methods of spinal problems; revealing factors related to spinal health including cervical, thoracic and lumbar levels; discuss body mechanics, posture, anatomy and flexibility; reviewing pain relief methods; One of the objectives of the course is to provide the necessary information to reduce the risk factors that contribute to low back and neck pain. Functional anatomy, biomechanics and pathomechanics of the spine, measurement, evaluation and treatment applications in low back and neck pathologies, basic measurement, evaluation and manual therapy applications in joint and soft tissue pathologies, principles of low back and neck school, clinical decision making will be covered.</p>					