

						YAKIN DOĞU ÜNİVERSİTESİ		
						Üniversite Projesi - Ders Bilgileri		
Fakülte Adı/Yüksek okul/Enstitü Adı Faculty/School/Institute	HEALTH SCIENCES							
Bölüm Adı Department	AUDIOLOGY							
Program Adı Program	AUDIOLOGY							
Programdaki Toplam Dönem Sayısı Number of Semesters in the Program	8	Toplam Kredi Total Credits	133	To pla m AK TS Tot al EC TS	240	Program Dili Language of Instruction	İNGİLİZCE	
Ders Kodu Course Code	Ders Adı (Türkçe) Course Name (Turkish)	Ders Adı (İngilizce) Course Name (English)	Dönem Semester	Kredi Credit	AKTS ECTS	Kısa Ders İçeriği Brief Course Description		

AİT103	ATATÜRK İLKELERİ VE İNKILAP TARİHİ I	Principles of Ataturk and the History of Turkish Revolution 1	1	2	2	A Concise Political History of Ottoman Empire 1300-1914 Decline and the Ottoman Modernization Ottoman State and Society in Classical Period The organization of National Resistance Movement: The Circular of Amasya The Congresses of Erzurum and Sivas Invasions, Mustafa Kemal and National Resistance Movement Ottoman Empire in the First World War I Armistice of Mudros The Treaty of Sevres and the National Liberation War against the Armenians and Greeks I The Armistice of Mudanya and the Peace Treaty of Lausanne
AUD101	SES FİZİĞİ VE AKUSTİK PRENSİPLER	SOUND PHYSICS AND ACOUSTIC PRINCIPLES	1	3	4	Physical properties of voice, auditory threshold, threshold of difference recognition, formation and breakdown of voice, resonance of voice, impedance, sound perception, pitch, tone.
AUD103	ODYOLOJİYE GİRİŞ	INTRODUCTION TO AUDIOLOGY	1	4	5	General definition of audiology and audiology, Audiology areas and function, Audiological tests, Professional ethics.
ANT103	ANATOMİ-İŞİTME KONUŞMA ORGANLARI ANATOMİSİ	ANATOMY- HEARING AND SPEECH ORGANS' ANATOMY	1	3	3	The anatomy of the general human anatomy and the hearing-speech organs is given systematically and functionally in the theoretical lectures.
PHS101	TEMEL FİZYOLOJİ	BASIC PHYSIOLOGY	1	3	4	
ENG 101	İNGİLİZCE I	ENGLISH I	1	3	3	It covers teaching academic reading skills for the students at the faculties where the medium of instruction is English.
YİT 101	YABANCILAR İÇİN TÜRKÇE I	TURKISH FOR FOREIGN STUDENTS I	1	3	3	Introduction to Turkish language, basic grammar and vocabulary
COM101	BİLGİSAYAR	COMPUTER	1	3	3	Computers and parts of a computer system. Hardware and software. Operating systems. Windows operating system. Windows applications: Microsoft Word, Excell, and Power Point.

AUD107	DİL VE KONUŞMA BİLİMİNE GİRİŞ	INTRODUCTION TO SPEECH AND LANGUAGE	1	3	4	Linguistics, definitions of speech. Differences between language and speech, basic systems related to speech perception and production, acoustic and physiological measurements of speech, instrumentation systems used in speech science, theories about language learning methods
FHS155	KENDİNİ TANIMA VE İLETİŞİM BECERİLERİ	SELF KNOWLEDGE AND COMMUNICATION SKILLS	1	2	3	Self-awareness, ways of self awareness, practice of self-awareness, assertive behavior, passive behavior, manipulative behavior, empathy, emphatic communication, human and cognitive traits, cognitive distortances, stress and coping with stress, solving problem, patient-dietitian relationship, interpersonal communication conflict and solving of it.
AUD109	MÜZİK TERAPİ I	MUSIC THERAPY I	1	2	3	Introduction to music and music therapy, Historical development of music therapy, Brain and music, Mental and physical effects of music on people, Perception and memory in music, Attitude and perception, Music as an educational tool.
AID103	İLK YARDIM	FIRST AID	1	2	3	The definition and importance of first aid, disaster management, watching first aid films, evaluation of the scene and the patient / injury, removal of the injury from the accident environment and transportation, basic life support, bleeding and shock, poisonings, animal and human bites, traumas (soft tissue, burns, hot strikes and freezing, drowning, foreign body abduction in the eyes, nose and ears, civil defense issues and classroom practices.
AİT104	ATATÜRK İLKELERİ VE İNKILAP TARİHİ II	Principles of Ataturk and the History of Turkish Revolution 2	2	2	2	-Discussion on "revolution", "Evolution" and the great revolutions in history. -Transformation in the Political system: From a Sultanate to Republic Transformation in education and cultural life Transformation in Social and economical life -Unsuccessful attempts for multi-party system and consolidation of the Single Party Regime

						<p>-Atatürkçülük/Kemalizm and the 6 principles of Ataturk, Nationalism, Secularism-Laicism, Populism</p> <p>-Sheikh Said Rebellion: Kurdish Nationalism or A Reaction to Secular policies of the new regime Turkey During the Second World War</p> <p>-Turkey and the League of Nations Turkey in the Regional Organizations</p> <p>-Turkish Foreign Policy and the Foreign Policy Issues Statism, Republicanism, Revolutionism</p>	
ANT102	İŞİTME VE KONUŞMA NÖROANATOMİSİ	NEUROANATOMY OF SPEECH AND HEARING	2	2	3	<p>Bu ders; MSS giriş, Medullaspinalis, beyin sakı , Cranial sinirler I-VI , Cranial Sinirler VI-XII, OSS, Diencephalon (Thalamus, hypothalamus, hypophysis, subthalamus, epithalamus, basalganglionlar) , Beyin Hemisferleri Morfolojisi, motor-duyu bölgeler, BOS , Beyin Zarları, Sinusler, Beyaz cevher , Afferent ve efferent yollar , MSS Damarları , Koku yolları, Rhinencephalon, Limbik sistem, vestibular sistem , Kulak ve işitme yolları , Klinik nöroanatom-işitme ve konuşma bozuklukları gibi konularda öğrencileri bilgilendirmeyi amaçlayan bir giriş dersidir.</p>	
PHS102	NÖROFİZYOLOJİ	NEUROPHYSIOLOGY	2	2	3	<p>Cerebral hemisphere morphology, motor-sensory regions, cerebrospinal fluid (CSF), cerebral cortex, cerebellum, cerebellum, cerebellum, cranial nerves I-VI, cranial nerves VI-XII, OSS, Diencephalon (Thalamus, hypothalamus, pituitary, subthalamus, epithalamus, basalganglions) , Sinus, White matter, Afferent and efferent, CNS veins, Odor pathways, Rhinencephalon, Limbic system, vestibular system, Ear and hearing pathways, Clinical neuroanatomy-Hearing and Speech</p>	
PHS104	FİZYOLOJİ-İŞİTME/KONUŞMA VE DENGİ ORGANLARI	PHYSIOLOGY-HEARING/SPEECH AND VESTIBULAR ORGANS	2	3	3	<p>Physiology of cells, tissues, organs and systems. Functions of hearing, speech and balance organs, auditory pathways, afferent-efferent connections.</p>	

AUD230	BİYOFİZİK	BIOPHYSICS	2	2	3	Vücut sıvılarının biyofiziksel özellikleri, molekül etkileşimler, canlı sistemlerde molekül yapı, biyolojik Biophysical properties of body fluids, molecular interactions, molecular structure in living systems, biological membranes, ion channels, transport systems, biopotans, membranes and action potentials are studied.zarlar, iyon kanalları, taşıyım sistemleri, biyopotansiyeller, membran ve aksiyon potansiyeli incelenmektedir.
AUD102	KULAK BURUN BOĞAZ HASTALIKLARI	EAR NOSE ANT THROAT DISORDERS	2	2	4	Pathologies, symptoms, signs and treatment approaches in head and neck anatomy, physiology, ear, nose and throat regions
AUD106	ODYOLOJİDE GÖRÜŞME TEKNİKLERİ	INTERVIEW TECHNIQUES IN AUDIOLOGY	2	2	3	Approaching the patient before the audiological evaluation, understanding the patient psychology, approaching the patient in the geriatric and pediatric population and determining their needs. The factors to be considered in early childbirth are age calculations and the test battery to be applied according to the anamnesis.
ENG102	İNGİLİZCE II	ENGLISH II	2	3	3	Explaining a Recipe, Ordering Food and Making Requests, Comparing Things / People / Places, Talking about Now, Making Suggestions and Arrangements, Talking about the Past, Giving Advice, Talking about the Future, Checking into a Hotel
YİT 102	YABANCILAR İÇİN TÜRKÇE II	TURKISH LANGUAGE II	2	3	3	More complex sentences and increase in vocabulary in Turkish
MLB102	MOLEKÜLER BİYOLOJİ	MOLECULAR BIOLOGY	2	3	3	Mendelian inheritance, cell cycle and cell cycle in living organism, biomolecules, cell structure and functions, energy metabolism, nature of genetic material, DNA packaging and structure of chromosome, RNA structure, synthesis and function, genetic code and protein synthesis, cell division, mutation, nutrition related genes and biotechnological products.

PSY102	PSİKOLOJİ	PSYCHOLOGY	2	2	2	Development; principles learning and behavior; language and communication; drives and motivations; arousal and awareness; feelings and emotions; sensations and perception; personality; behavioral abnormalities and therapies; attitude and prejudice; social behaviors. Examine the life process of human being from the beginning of childhood.
FHS156	KİŞİLERARASI İLİŞKİLERDE İLETİŞİM	INTERPERSONAL RELATIONSHIPS AND COMMUNICATION	2	2	3	This lecture clarifies the interpersonal relationship and its relation to other different disciplines. It also helps to understand; different approaches, models and communication skills. Additionally, this lecture introduces a communication process which includes social context, social identity and social perception and it evaluates the relationship between these three case.
FHS102	SAĞLIK VE YAŞAM	HEALTH AND LIFE	2	2	3	Concepts are examined for the development and protection of health.aging, healthy nutrition, prevention from diseases, prevention of physical activity, ways of coping with stress.
FHS104	İŞ SAĞLIĞI VE GÜVENLİĞİ	OCCUPATIONAL HEALTH AND SAFETY	2	2	4	The historical development of worker health and work safety, the social dimension of worker health and work safety, and a highly informed character. Approach in business accidents. Risk, risk appraisal and risk perception, The most common job losses. Occupational Patient Approach, The most common health problems, Ergonomics and safety, Healthcare workers health and safety.
FHS158	GELİŞİM PSİKOLOJİSİ	DEVELOPMENTAL PSYCHOLOGY	2	2	3	Basic Topics of Developmental Psychology, Pre- and Postnatal Development, Physical Development, Cognitive Development. Piaget, Vyogotsky and J. Bruner, Language Development, Freud and Psycho-analytic Theory, Erikson and Psycho-social Development, Moral Development Piaget and Kohlberg
AUD221	TEMEL ODYOLOJİK TESTLER	BASIC AUDIOLOGICAL TESTS	3	4	5	Hearing organ, hearing aids, behavioral tests, objective tests, reliability and sensitivity of tests

AUD223	ODYOLOJİDE LABORATUVAR UYGULAMALARI	LABAROTUARY PRACTISES IN AUDIOLOGY	3	2	5	Pure tone thresholds, masking methods, speech tests, supra-threshold pure sound tests, tympanogram, acoustic reflex, reflex decay, preliminary tests, OAE, DPOAE, TEOAE tools
AUD211	İŞİTSEL SİSTEM HASTALIKLARI	AUDITORY SYSTEM DISORDERS	3	2	4	Definition of the auditory system and anatomical and physiological structures, symptoms of pathologies causing hearing impairment, findings and treatment.
AUD225	TIBBİ TERMİNOLOJİ	MEDICAL TERMINOLOGY	3	2	4	General information about medical terminology, Human Resources and Human Resources, Human Resources, Basic Concepts and Movements, Classification of Diseases and Diseases, Basic Terms; roots, prefixes, suffixes. Anatomical, diagnostic, operative and symptomatic terms related to movement
AUD227	İŞİTME KAYIPLILARDA DİL VE KONUŞMA BOZUKLUKLARI	SPEECH AND LANGUAGE DISORDERS IN HEARING IMPAIRED	3	2	3	Evaluation of hearing and speech development steps, language and speech evaluation materials, types of language and speech disorders, language and speech disorders due to hearing loss, listening to audiological examinations.
BST201	BIYOİSTATİSTİK	BIOSTATISTICS	3	3	5	Definition and the uses of statistics and biostatistics. Methods of data collection and data processing for statistical analysis. Descriptive statistics and graphics. Concept of probability and probability distributions. Tests of hypothesis. Regression and correlation analysis.
YIT 201	YABANCILAR İÇİN TÜRKÇE III	TURKISH FOR FOREIGN STUDENTS III	3	3	3	More complex sentences and increase in vocabulary in Turkish
AUD209	PSIKODİLBİLİM	PSYCHOLINGUISTICS	3	2	3	Definition of psycholinguistik, how it is planned in the brain, how words are said in the brain, how words are constructed, speech errors, how we control ourselves while speaking, how we perceive language, how we perceive words, how we set up the appropriate codes for the rules.
AUD213	İŞİTSEL ALGI SÜREÇLERİ	AUDITORY PERCEPTION PROCESSES	3	2	3	Perception of speech, psychoacoustic perception, peripheral hearing, central hearing, directional information, frequency, intensity perception, sound,

						complex sound, noise, signal / noise ratio, suppression, perception of speech	
AUD217	POZİTİF PSİKOLOJİ	POSITIVE PSYCHOLOGY	3	2	3	Subjects and concepts in the field of Positive Psychology will be discussed;definition of positive psychology,purpose and scope of work, positive emotions, experiences and flow, subjective well-being,psychological endurance,positive organizational behavior,positive psychological capital and performance,the concept of free will, self-determination theory, resource conservation theory, positive psychology and prevention approach, positive psychotherapy, role of social support.	
AUD219	GERİYATRİK ODYOLOJİ	GERIATRIC AUDIOLOGY	4	2	3	Assessment of age-related hearing, speech, hearing, language and cognitive problems accompanied by different pathologies related to normal aging or aging process. Evaluation and treatment strategies.	
AUD208	PEDİYATRİK ODYOLOJİ	PEDIATRIC AUDIOLOGY	4	4	5	The stages of hearing and speech development, imaging diseases in childhood, behavioral tests (observation audiometry, present reinforced audiometry, play audiometry), electrophysiological studies in children, diagnosis and interpretation in pediatric group, auditory rehabilitation, family centered education	
AUD210	VESTİBÜLER SİSTEM HASTALIKLARI	VESTIBULAR SYSTEM DISORDERS	4	2	3	Anatomical and physiological characteristics of vestibular system, Characteristics of vestibular evaluation, Clinical features of vestibular system disorders, Vastibular system evaluation methods.	
AUD214	MESLEKİ UYGULAMA-I	AUDIOLOGY PRACTICE – I	4	4	5	It sees the basic knowledge acquired in the field of audiology in practice. 4-week clinical trial.	
AUD224	ODYOLOJİK TANI VE YORUMLAMA	AUDIOLOGICAL DIAGNOSIS AND INTERPRETATION	4	4	5	Audiological findings in middle ear pathologies, audiological findings in inner ear pathologies, audiologic findings in retrocochlear pathologies, auditory neuropathy, tinnitus, functional hearing loss, audiological differences between adults with pediatric population, case discussion	

AUD226	İŞİTME TARAMALARI	HEARING SCREENING TESTS	4	2	3	Purpose of screening test, populations applied, evaluation of screening results, screening ABR, screening SCE, pure sound threshold scanning, screening with tympanometry, neonatal screening, industry screening, preschool screening	
YIT 202	YABANCILAR İÇİN TÜRKÇE IV	TURKISH FOR FOREIGN STUDENTS IV	4	3	3	Provide understanding for written and spoken Turkish in contexts related to general life.	
AUD202	ODYOMETREDE AYIRT EDİCİ TANIYA YÖNELİK TESTLER	DIAGNOSTIC TESTS IN AUDIOMETRY	4	3	4	Introduction of diagnostic tests using audiometry, introduction of auxiliary tests, presentation with diagnostic samples according to pathology	
AUD204	VESTİBÜLER SİSTEM FİZİK MUAYENE TEKNİKLERİ	VESTIBULAR SYSTEM PHYSICAL EXAMINATION TECHNIQUES	4	3	4	Anatomical and physiological characteristics of vestibular system, Characteristics of vestibular evaluation, Clinical features of vestibular disorders, Vestibular system evaluation methods	
AUD220	TIBBİ ETİK VE DEONTOLOJİ	MEDICAL ETHICS AND DEONTOLOGY	4	2	2	Basic concepts and definitions related to science and health knowledge, Basic concepts and definitions related to ethics: Ethics, Morality, Deontology, Action and Virtue, The development of the vedeontology of medical science in health sciences and its historical development.	
AUD320	VAKALARLA ODYOLOJİ	AUDIOLOGY CASES	4	2	4	Basic information about patient history and audiograms with many diseases	
AUD228	İŞİTSEL İŞLEMLEME BOZUKLUKLARI	AUDITORY PROCESSING DISORDERS	4	2	4	Basic anatomical and physiological structure of central hearing system, functional relation with cortical and subcortical structures, central auditory system and disorders: identification, etiological factors, basic evaluation of central auditory system, auditory processing and cognitive factors, basic approaches to auditory processing disorders.	
AUD301	ELEKTROFİZYOLOJİK TESTLER-1	ELECTROPHYSIOLOGIC TESTS I	5	3	5	Hearing organ, hearing pathways, early latency tests, OAE, ABR, ECochG, pre-snaptic / post-snaptic tests, normal and pathological findings, application-induced errors, reliability and sensitivity of tests	

AUD303	İŞİTME CİHAZLARI I	HEARING AIDS I	5	4	5	Mechanical and acoustical properties of hearing aids; selection of hearing aid according to the audiological and pathological characteristics of hearing loss; acoustical and physical properties of ear mold; adjustment of hearing aid gain and output values according to hearing loss; testing of hearing aid performance.
AUD305	VESTİBÜLER SİSTEM VE DEĞERLENDİRME	VESTIBULAR SYSTEM AND EVALUATION	5	4	5	Anatomical and physiological characteristics of vestibular system, Characteristics of vestibular evaluation, Clinical features of vestibular disorders, Vestibular system evaluation methods
AUD307	VAKALARLA PEDİYATRİK ODYOLOJİ	PEDIATRIC AUDIOLOGY CASES	5	4	5	Pediatric case discussion, case presentations, auditory pathologies in pediatric population, Behavioral tests (Observation audiometry, visual reinforcement audiometry, play audiometry), electrophysiological studies in children, diagnosis and interpretation in pediatric group, auditory rehabilitation, family counseling
AUD311	ENDÜSTRİYEL ODYOLOJİ	INDUSTRIAL AUDIOLOGY	5	2	4	The concept of noise, measurement principles and evaluation, Techniques of noise protection from noise, Impression of hearing health, Effects of noise on human health, Personal protection methods, Noise and noise prevention legislation.
AUD313	KULAK VE GENETİK	HEARING AND GENETIC	5	2	4	Genetic inheritance, Genetic transition and variation, Syndromic and non-syndromic hearing loss, Hearing loss epidemiology, Hearing loss genetic tests, Hearing loss risk factors and genetic transition, Genetic counseling
FHS335	SAĞLIK BİLİMLERİNDE ARAŞTIRMA YÖNTEMLERİ	RESEARCH METHODS IN HEALTH SCIENCES	5	2	3	Demonstrate a systematic understanding of quantitative and qualitative research methods, their applications, strengths and weaknesses and current methodological issues. Demonstrate a systematic understanding of health economic evaluation, its applications, strengths and weaknesses and current methodological issues. Demonstrate an advanced and critical understanding of sociological concepts of health and illness.

FHS355	ZAMAN YÖNETİMİ	TIME MANAGEMENT	5	2	3	Introduction to time and time management. Time wasters. Identify priorities and urgencies. Analyze how you are currently allocating your most precious resources: energy and time. Setting long term and short term goals.
AUD302	ELEKTROFİZYOLOJİK TESTLER-II	ELECTROPHYSIOLOGIC TESTS – II	6	3	5	Clinical use and reliability of middle and late latencies, MLR, LLR, MMN, post amplification evaluation, evaluation of cochlear implant results by electrophysiological tests, cognitive and non-cognitive responses.
AUD304	İŞİTME CİHAZLARI II	HEARING AIDS – II	6	4	5	Mechanical and acoustical properties of hearing aids; selection of hearing aid according to the audiological and pathological characteristics of hearing loss; acoustical and physical properties of ear mold; adjustment of hearing aid gain and output values according to hearing loss; testing of hearing aid performance.
AUD306	MESLEKİ UYGULAMA II	AUDIOLOGY PRACTICE – II	6	4	5	It sees the basic knowledge acquired in the field of audiology in practice. 4-week clinical trial.
AUD308	VESTİBÜLER REHABİLİTASYON	VESTIBULAR REHABILITATION	6	2	3	Anatomical and physiological characteristics of vestibular system, Characteristics of vestibular evaluation, Clinical features of vestibular disorders, Vestibular system evaluation methods
HIN302	SAĞLIK BİLİŞİMİ	HEALTH INFORMATICS	6	3	5	It is a multidisciplinary field that uses health information technology (HIT) to improve health care via any combination of higher quality, higher efficiency (spurring lower cost and thus greater availability), and new opportunities. The disciplines involved include information science , computer science , social science , behavioral science, management science , and others. It deals with the resources, devices, and methods required to optimize the acquisition, storage, retrieval, and use of information in health and biomedicine.
AUD312	İŞİTME ENGELLİLERDE MÜZİK ALGISI	MUSIC PERCEPTION IN HEARING IMPAIRED	6	2	4	Music culture, Music theory, Theory of musical instruments, Sound and physics knowledge, Psychological perception processing, Brain perception mechanism,

						Music therapy, Rhythm and Dance, Music education in speech and speech therapies	
AUD314	SES VE KONUŞMA ANALİZİ	ANALYSIS OF VOICE AND SPEECH	6	2	4	Sound physics, Analysis of sound waves in computer, Praat sound analysis and synthesis software, Speech synthesizers.	
AUD316	NÖRODİLBİLİM	NEUROLINGUISTICS	6	2	3	The neuro-linguistic definition, the disciplines working together, the neural mechanisms controlling the understanding, production and acquisition of language, experimental techniques and theoretical perspectives. Psycholinguistics and relation to the models in the theoretical language. Evaluation of linguistics and psycholinguistic theories using brain imaging, electrophysiology and computer modeling.	
AUD318	EĞİTİM ORTAMLARINDA AKUSTİK ÖZELLİKLER	ACOUSTIC FEATURES IN EDUCATIONAL SETTINGS	4	2	3	Reverberation, Classroom reverberation and noise measurement, Classroom acoustics systems, FM systems, Auxiliary listening systems, Basic listening skills	
AUD401	PROJE ÇALIŞMASI-1	PROJECT WORK – 1	7	1	4	Steps of project preparation, article scanning, preliminary project preparation, article writing rules.	
AUD403	SEMİNER ÇALIŞMASI 1	SEMINARS IN AUDIOLOGY -1	7	1	3	Article review, seminar preparation, group work	
AUD405	İŞİTSEL İMPLANTLAR	AUDITORY IMPLANTS	7	3	4	Auditory implant application criteria, bone path implants, middle ear implants, cochlear implants, brainstem implants, speech processor, processing strategy, pulse width, speed, current level, eCAP, eABR, eSRT,	
AUD407	KLİNİK ODYOLOJİ GÖZLEM VE UYGULAMA	CLINICAL AUDIOLOGY: PRACTICE AND OBSERVATION	7	3	6	the basic knowledge acquired in the field of audiology in practice. 4-week clinical trial.	
AUD409	PEDİYATRİK ODYOLOJİDE LABORATUVAR UYGULAMALARI	PEDIATRIC AUDIOLOGY: PRACTICE AND OBSERVATION	7	3	6	Basic level applications in the field of pediatric audiology. This course is organized as a 4-week clinical trial and is repeated 4 times at different dates during a semester by the related unit.	
AUD411	İŞİTME ENGELLİLERDE AİLE EĞİTİMİ	FAMILY EDUCATION OF HEARING IMPAIRED CHILDREN	7	3	5	Informing family members with hearing-impaired children about hearing and hearing loss, hierarchy of	

						auditory skills, listening training, informing parents in general development areas	
AUD413	İŞİTME KAYIPLILARDA ÇOKLU ENGELE YAKLAŞIM	APPROACH TO MULTI-HANDICAPPED AND HEARING IMPAIRED PATIENTS	7	2	3	Family members who have children with hearing impairment problems are informed about hearing and hearing loss, audiological evaluation methods, preparation of test environments, characteristics of educational environments, personal characteristics, intervention methods	
FHS403	MESLEKTE MARKA YARATMAK	BRANDING STRATEGIES AND PERSONAL BRANDING	7	2	3	Branding concept and definition. The difference between product and brand. Basic elements of personal brand creation process. Basic dimensions of brand personality concept. Brand management strategies. Building strategies to create brand name.	
AUD402	PROJE ÇALIŞMASI-II	PROJECT WORK – 2	8	1	4	Stages of project preparation, article scanning, preliminary project preparation, article writing rules.	
AUD404	SEMİNER ÇALIŞMASI-II	SEMINARS IN AUDIOLOGY -2	8	1	3	Article review, seminar preparation, group work	
AUD406	İŞİTME CİHAZI GÖZLEM VE UYGULAMA	HEARING AIDS: PRACTICE AND OBSERVATION	8	3	6	Patient follow-up, observation and reporting for hearing aids application.	
AUD408	ELEKTROFİZYOLOJİDE LABORATUVAR UYGULAMALARI	ELECTROPHYSIOLOGICAL TESTS: PRACTICE AND OBSERVATION	8	3	6	ABR, OAE, E.A.IMMITANCE practises	
AUD410	ODYOLOJİK DANIŞMANLIK	AUDIOLOGICAL COUNSELLING	8	3	4	Counseling in communication-based disorders. The needs of the hearing impaired individual, counseling at public and private institutions, counseling of children and family members about hearing impairment, educational evaluations, amplification evaluations and counseling methods	
AUD412	REHABİLİTATİF ODYOLOJİ UYGULAMALARI	REHABILITATIVE AUDIOLOGY: PRACTICE	8	3	6	In the field of audiological rehabilitation he sees the basic knowledge he gained in practice. 4-week clinical trial	
AUD416	ODYOLOJİ, DİL VE KONUŞMAYA YÖNELİK FARMAKOLOJİ	PHARMACOLOGY FOR AUDIOLOGY/SPEECH AND LANGUAGE THERAPY	8	2	2	Basic concepts in pharmacology and toxicology, pharmacological properties and side effects of drugs effective on hearing, balance and language-speech systems	

AUD418	VESTİBÜLER LABORATUVAR UYGULAMALARI	VESTIBULAR LABORATORY PRACTICE	8	2	3	Vestibular test practises	
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