Tarsus University
Faculty of Health Sciences
Speech and Language Therapy

Link of the Page: Course Information Package

Course Content Report

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 101	ANATOMY	3	1	0	3.50	5.00	Compulsory

Course Content

Introduction to anatomy and terminology, skeletal system, joints, skeletal muscles, circulatory system, respiratory system, digestive system, genital system, urinary system, nervous system, sensory organs.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 103	PHYSIOLOGY	3	0	0	3.00	5.00	Compulsory

Course Content

Cell Membrane and Organals, Substance Passage through Membrane and Action Potential, Muscle Physiology, Blood Physiology, Heart and Circulatory Physiology, Respiratory Physiology, Digestive Physiology, Excretory Physiology, Endocrine System Physiology, Reproductive Physiology and Nerve Physiology.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 105	BASIC PHYSICS AND PHYSICS OF SOUND	2	0	0	2.00	2.00	Compulsory

Course Content

Basic physics principles; terminology and methods; processes related to speech and hearing in basic physics; sound and light; measurement and evaluation of the properties of speech in physics; acoustic properties of hearing and speech processes; formation of sound: physics of sound, sound waves, wavelength, propagation speed, frequency, intensity, duration, pitch and height; resonance concepts; distinguishing the direction of the sound; masking; sound insulation; sound recording; noise characteristics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 107	PSYCHOLOGY	2	0	0	2.00	3.00	Compulsory

Course Content

The basic concepts and theories of psychology, the biological basis of behavior, development, learning, memory, language and thinking, basic impulses and motives, emotions and feelings, intelligence, social, relationships and psychological changes in functional disorders and disability are examined.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 109	INTRODUCTION TO HEARING SPEECH SCIENCE	3	0	0	3.00	4.00	Compulsory

Course Content

Acoustic properties of hearing processes: psychoacoustics of sound, sound waves, frequency, intensity, duration, pressure, pitch and height concepts; hearing science: concepts related to hearing science; hearing apparatus and functioning; physical properties of hearing and examination methods. Informing about the fields of speech science, anatomy and physiology of structures that will affect speech, speech mechanism including respiration, phonation, resonance and articulation Information about the acoustics of speech sounds, including vowels and consonants Information about speech perception and prosody

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 111	INTRODUCTION TO LANGUAGE AND SPEECH DISORDERS	3	0	0	3.00	3.00	Compulsory

Course Content

Overview of Speech and Language Therapy Profession: Its Development in the World and in Turkey, Its History; Job Description of Speech and Language Therapist; Communication, Language and Speech Processes; Clinical and Educational Classification of Communication, Language and Speech Disorders, Causes: Types and characteristics; Language and Speech Disorders: Language disorders, Phonology and articulation disorders, Stuttering, Hearing impaired; Voice Disorders, Neurogenic communication disorders; Collaboration with Different Disciplines: Teamwork, Role of other experts, Task boundaries.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
OD 113	TURKISH I	2	0	0	2.00	2.00	Compulsory

Course Content

Definition of language, its characteristics, relations between language-nation / language-thought and language-culture. Language in the world; the place and importance of Turkish among them and its historical development. Ataturk's language revolution, concept and works. Sounds in Turkish. Phonology of Turkish. Spelling rules and application. Punctuation rules and application. Vocabulary. Productiveness of Turkish.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
OD 115	FOREIGN LANGUAGE I	3	0	0	3.00	4.00	Compulsory

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
OD 107	CAREER PLANNING	1	0	0	1.00	2.00	Compulsory

Course Content

The Methods and Tools Used In Professional Job Applications and the Ability to Use Them Most Effectively; Applied Assignments; Relations with Career Centers; Activities That Provide Experience Opportunities to Help Students Develop Their Skills.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
OD 114	TURKISH II	2	0	0	2.00	2.00	Compulsory

Course Content

Word and its meaning, words according to their meanings, different meanings of words, idioms, repetitions, terms. Language errors (about structure and meaning of a word). Ambiguities. Written expression types: [Narratives (novels, stories…), Opinion texts (articles, essays…), Poetry]

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
OD 116	FOREIGN LANGUAGE II	3	0	0	3.00	4.00	Compulsory

Course Content

Reading, listening, speaking and writing activities will be done on subjects of shopping, past events, travel, vacation, weather condition, communication from social networks, experiences and future plans. Related vocabulary, grammar and pronunciation studies will be done.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 100	OCCUPATIONAL HEALTH AND SAFETY	2	0	0	2.00	4.00	Compulsory

Course Content

Work accidents, occupational diseases, law and social order rules, personal protective equipment, ergonomics, Fire and fire protection, first aid.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 102	NEUROANATOMY AND NEUROPHSIOLOGY OF SPEECH AND LANGUAGE	3	0	0	3.00	4.00	Compulsory

Course Content

This course covers the basic organization of the nervous system, the structure of neurons and neuroglia, synaptic transmission, the central and peripheral nervous system, anatomy of the brain and spinal cord, cortical areas, cranial nerves, motor and sensory systems, neuroanatomical structures related to hearing, language, speech and swallowing, cerebral lateralization, brain networks and basic neurophysiological processes.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 104	BASIC AUDIOLOGY	2	0	0	2.00	4.00	Compulsory

Course Content

Development and future of hearing science, hearing system anatomy, auditory system physiology, sound physics and acoustic concepts, psychoacoustic concepts, acoustic properties of human voice, peripheral and central evaluation of hearing, causes of hearing loss, psycho-social effects of hearing loss, hearing aid technology fundamentals of auditory rehabilitation; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 106	LABORATORY PRACTICE IN LANGUAGE-SPEECH DISORDERS	0	2	0	1.00	4.00	Compulsory

Course Content

Basic application systems, hardware and equipment used in language and speech disorders. It includes the clinical follow-up protocol with the programs. To conduct clinical and experimental studies individually or in groups; It includes teaching how to use laboratory facilities in the process of diagnosis, therapy and evaluation of speech and language disorders.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 108	LANGUAGE DEVELOPMENT AND THEORIES	2	0	0	2.00	4.00	Compulsory

Course Content

Language development and its stages; views on language acquisition; physiological basis of language and speech; Concept development by age, approaches to concept development, classification of concepts; the place, organization and arrangement of concepts in the semantic element of language; The relationship between concept and language development includes the components of language (Phonology, Morphology, Syntax, Semantics, Pragmatics).

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 110	ACOUSTIC PHONETICS	2	0	0	2.00	4.00	Compulsory

Course Content

This course covers fundamental concepts of speech science, the structures and functions of speech organs, and the processes involved in speech production, including respiration, phonation, articulation, and resonance. The articulatory characteristics of Turkish vowels and consonants are examined at the phonemic and allophonic levels, while the acoustic properties of speech sounds and basic acoustic measurements are introduced. Vowel and consonant systems across world languages are also examined comparatively to develop awareness of different sound structures. The course further addresses suprasegmental features, including stress, intonation, and rhythm, as well as connected speech and coarticulation processes. Practical exercises in phonetic transcription are conducted using the International Phonetic Alphabet (IPA).

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 201	HISTOLOGY/ EMBRYOLOGY FOR SPEECH AND LANGUAGE THERAPISTS	2	0	0	2.00	4.00	Compulsory

Course Content

This course; Includes topics such as female reproductive cells, male reproductive cells, spermatogenesis, oogenesis, ovulation, 2nd week of development, 3rd week of development, embryonic and fetal period, neurulation, development of somites, pharyngeal complex I, pharyngeal complex II, head and neck development.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 203	CLINICAL LINGUISTICS	2	0	0	2.00	2.00	Compulsory

Course Content

Introduction to clinical linguistics, damage to components of language (syntactic, morphological, phonological and usageological), language structure in normal language development, language structure and evaluation in developmental and acquired language disorders.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 205	CLINICAL ASSESSMENT IN SPEECH AND LANGUAGE THERAPY	2	0	0	2.00	4.00	Compulsory

Course Content

- Clinical applications - Scanning principles - Interview techniques - Medical history - Formal assessments - Data collection in the natural environment - Informal assessment methods - Interpretation of the findings

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 207	EAR NOSE THROAT DISEASES AND CRANIOFACIAL ANOMALIES	2	0	0	2.00	4.00	Compulsory

Course Content

Define ENT and hearing, speech and sound.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 209	CHILD HEALTH AND NEUROLOGY	2	0	0	2.00	3.00	Compulsory

Course Content

This course includes normal brain development, developmental stages; normal neuromotor and mental development, risk factors causing disability and risky infant follow-up, language and speech delay in children and its possible causes, mental retardation in terms of pediatric neurology, childhood nervous system infections, neurological examination and tests, diagnosis and follow-up of cerebral palsy, convulsions, epilepsy, febrile seizure definition and first aid, neurometabolic / neurodegenerative / neuromuscular diseases and syndromes, neurological problems with autistic findings, attention deficit hyperactivity disorder and its effects on language development, physical child abuse, teamwork in neurological diseases. hearing loss, related pathology, central hearing loss and related pathologies, evaluation of hearing loss, objective tests used to measure hearing, basic audiological examinations in adults, audiological examinations in children, hearing aids, rehabilitation audiology, discussion of hearing loss in children and adults with case examples.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 211	APPLIED BEHAVIOR ANALYSIS	3	0	0	3.00	4.00	Compulsory

Course Content

Adequate and insufficient explanations of given behavior explanation examples. Experimental behavior analysis and applied behavior analysis. Features of applied behavior analysis. Behavior analysis. Positive reinforcement, negative reinforcement, Type I punishment, Type II punishment, differential reinforcement. Interview form development and application and anecdotal recording. Recording behaviors according to their characteristics. Processing processes and effectiveness applied with single-subject designs.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 225	BODY LANGUAGE AND DICTION FOR SPEECH AND LANGUAGE THERAPISTS	2	0	0	2.00	3.00	Compulsory

Course Content

Introduction of breathing, sound, choking devices Exercises for associating breathing, sound, choking devices Turkish language rules Turkish spoken and written language distinctions Performing exercises on the association of breathing, voice, articulation devices and speech rules on various texts body language exercises Cultural body language codes Universal body language codes

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 213	KINESIOLOGY FOR SPEECH AND LANGUAGE THERAPISTS	2	0	0	2.00	3.00	Compulsory

Course Content

This course covers the fundamental concepts of kinesiology; the movement system, including joint and muscle structures; planes and axes of movement; posture and balance; the head and neck, shoulder girdle, thorax, and respiratory mechanics; the movement characteristics of the temporomandibular joint, as well as facial and oral structures; the relationship between body mechanics and speech, voice, articulation, chewing, and swallowing; and topics such as ergonomics, the effects of poor posture, the prevention of musculoskeletal strain, and the functional use of the body in professional practice.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 202	SPEECH AND PHONOLOGY LABORATORY	2	2	0	3.00	4.00	Compulsory

Course Content

This course; Week 1: Phonetic science; basic concepts, 2. Week: Organs in speech and their functions, 3. Week: Classification and distinctive features of speech sounds,4. Week: Vocabulary of Turkish: consonants and vowels; phonemes, 5. Week: Consonants and vowels of Turkish: allophones,6. Week: Introduction to phonetic analysis: International Phonetic Alphabet (IPA),7. Week: The purposes of using the international phonetic alphabet,8. Week: Consonants in world languages, 9. Week: Vowels in world languages, 10. Week: Conversation in context: Over-the-top features,11. Week: Speaking in Context: Coarticulation,12. Week: IPA-Phonetic Transliteration applications,13. Week: Acoustic examination of explosive sounds with PRAAT program,14. Week: Knows the usage purposes of evaluation tools such as ultrasound and EPG that show the exact movement of the vocal tracts; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 204	CLINICAL PHONOLOGY	3	0	0	3.00	4.00	Compulsory

Course Content

To reveal the distinction between phonetics and phonology by examining the basic concepts of phonology, to know the aims and application area of clinical phonology; The aim of the study is to analyze the speech data obtained from individuals phonologically, to extract the phonetic and phonemic inventories of individuals from these data, to evaluate the individuals with speech sound disorders according to these norms by examining the phonological developmental stages of individuals with normal development, and to find information about phonological operations from the speech samples of the cases.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 206	AUDIOTRY REHABILITATION AND APPLICATIONS	2	2	0	3.00	4.00	Compulsory

Course Content

Auditory rehabilitation after hearing loss

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 208	CHILDHOOD LANGUAGE DISORDERS	2	0	0	2.00	3.00	Compulsory

Course Content

Normal and abnormal language development patterns, differential diagnosis Formal and informal language assessment methods in children aged 0-5 Principles of therapy in children aged 0-5 with developmental language disorders Evidence-based therapy practices

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 210	RESEARCH METHODOLOGY IN HEALTH SCIENCES	2	0	0	2.00	2.00	Compulsory

Course Content

Discussing the concepts of science and scientific knowledge, Discussing the concept of health science and revealing whether it differs from science in general, Explaining the concepts of theory, paradigm, technique, method, assumption, hypothesis, variable, Teaching the writing rules of scientific research report, Teaching the use of SPSS program, Film notation: "Kitchen Stories",App-Consultation.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 212	GAME AND CHILD	2	1	0	2.50	4.00	Compulsory

Course Content

Game models, game and language development

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 224	LEARNING DISORDERS	2	0	0	2.00	3.00	Compulsory

Course Content

Physical disabilities, visually impaired, hearing impaired, speech impaired, Down syndrome, attention deficit and hyperactivity, intellectual disabilities, fenülketenuria, enerosis, autism, Rett syndrome, asperger syndrome, frigal x syndrome.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 216	EMOTIONAL, BEHAVIORAL AND ADAPTIVE DISORDERS	2	0	0	2.00	3.00	Compulsory

Course Content

Definition and importance of mental health, historical development of mental health, theories about mental health, characteristics of individuals with and without mental health, diagnosis and treatment of behavioral and adjustment problems in children, effects of special situations in the family on the mental health of the child.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 301	SPEECH SOUND DISORDERS	3	0	0	3.00	4.00	Compulsory

Course Content

Speech Sound Disorders: Definitions and terms; Articulation and Phonology Relation; Biological and Neurological Components Required for Speech Sound Production; Classification of Speech Voice Disorders; Characteristics and Etiology of Speech Voice Disorders; Effects of Speech Voice Disorders on Academic and Social Life; Evaluation of Speech Sound Disorders; Therapy Approaches in Speech Sound Disorders; Applied Studies.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 303	ACQUIRED LANGUAGE AND COGNITIVE COMMUNICATION DISORDERS	2	2	0	3.00	4.00	Compulsory

Course Content

Neuroanatomical and neurophysiological foundations of acquired language and cognitive-communication disorders; etiology, classification, clinical characteristics, assessment, and treatment approaches in aphasia; cognitive-communication disorders associated with right hemisphere damage and traumatic brain injury; relationships between communication and attention, memory, executive functions, discourse, and pragmatic skills; language and communication disorders associated with dementia and other neurodegenerative diseases; standardized and functional assessment methods; differential diagnosis; evidence-based and person-centered intervention planning; functional communication; family and caregiver counseling; environmental modifications; clinical documentation; and multidisciplinary team approaches.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 305	FLUENCY DISORDERS	2	2	0	3.00	4.00	Compulsory

Course Content

Definition, classification, and characteristics of fluency disorders; etiology, theoretical explanations, and risk factors associated with stuttering and cluttering; typical and atypical disfluencies; core and associated behavioral, cognitive, emotional, and social characteristics of stuttering; assessment procedures for preschool children, school-age children, adolescents, and adults; case history taking, formal and informal assessment methods, speech sample analysis, differential diagnosis, and clinical documentation; fluency shaping, stuttering modification, and other age-specific intervention approaches; assessment and treatment techniques for cluttering; person-centered and evidence-based intervention planning; family counseling; and case-based clinical activities.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 307	INTRODUCTION TO SWALLOWING AND FEEDING DISORDERS	3	0	0	3.00	4.00	Compulsory

Course Content

This course includes introduction and epidemiology of swallowing disorders, anatomy and function of swallowing mechanism, swallowing disorders resulting from neurologic disorders and other diseases.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 309	INTRODUCTION TO VOICE DISORDERS	2	0	0	2.00	4.00	Compulsory

Course Content

Anatomy and physiology of healthy voice production mechanism; Etiology of organic, functional and neurogenic voice disorders, risk factors leading to voice disorders, characteristics of healthy and distorted voice will be discussed.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 313	ASSESSMENT AND THERAPY OF CHILDHOOD LANGUAGE DISORDERS	2	2	0	3.00	4.00	Compulsory

Course Content

This course; Developmental disability; communication and language disorders, Screening and evaluation principles and methods; data collection techniques: interview, observation; diagnostic tests; teamwork, Language disorders intervention approaches: Clinician-directed approaches, Language disorders intervention approaches: Child-centered approaches, Developmental and acquired language disorders (eg, children with traumatic brain injury); language features and differential diagnosis, Bilingualism and language disorders, Delayed language and speech; Differential diagnosis, Communication/language disorder characteristics and differential diagnosis in autistic people, Language characteristics and differential diagnosis in learning disorders, Differential diagnosis in specific language disorders and comorbidities, Early intervention methods and environments; family studies, Early intervention program preparation, Clinical samples and observation, Clinical samples and observation; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
STJ 01	INTERNSHIP	0	0	0	0.00	5.00	Compulsory

Course Content

This course includes a mandatory summer internship of 20 working days.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 302	ASSESSMENT AND THERAPY OF NEUROGENIC MOTOR SPEECH DISORDERS	2	2	0	3.00	6.00	Compulsory

Course Content

This course covers the neurological foundations of neurogenic motor speech disorders; classification, signs, and symptoms of dysarthria and apraxia of speech; motor speech assessment; perceptual and instrumental assessment methods; differential diagnosis; speech comprehensibility and intelligibility assessment; principles of therapy; individualized intervention planning; family counseling; augmentative and alternative communication (AAC); and multidisciplinary team approaches.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 304	ASSESSMENT AND THERAPY OF VOICE DISORDERS	2	2	0	3.00	5.00	Compulsory

Course Content

Evaluation in Voice Disorders: Case history taking, Instrumental and objective sound evaluation methods, Evaluation of the respiratory system, Aerodynamic evaluation, Computer aided acoustic sound analysis systems, Auditory-perceptual and subjective sound evaluation methods, Laryngeal imaging; Therapy Methods in Voice Disorders: Hygienic voice therapy, Symptomatic voice therapy, Psychogenic voice therapy, Physiological voice therapy; Holistic Approach to Sound Therapy; Sound Therapy Applications.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 306	ASSESSMENT AND THERAPY OF CRANIOFACIAL ANOMALIES	2	2	0	3.00	5.00	Compulsory

Course Content

Anatomy and physiology, etiology in head-facial anomalies Characteristics, evaluation, differential diagnosis and treatment approaches of language and speech disorders that may occur due to atypical anatomical structure interdisciplinary teamwork

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 308	ASSESSMENT AND THERAPY OF CHEWING AND SWALLOWING DISORDERS	2	2	0	3.00	5.00	Compulsory

Course Content

In this course, anatomy and physiology of normal chewing and swallowing; oral preparation, oral, pharyngeal and esophageal phases; etiology and classification of swallowing disorders in children and adults; clinical swallowing assessment; oral-peripheral assessment; instrumental assessment methods; determination of aspiration, penetration and nutrition-safety risks; compensatory and rehabilitative intervention approaches; dietary modifications; family counseling, reporting and multidisciplinary teamwork are discussed.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 312	SCIENTIFIC MEDICAL AND PROFESSIONAL ETHICS	2	0	0	2.00	3.00	Compulsory

Course Content

Science and Ethics: Definition; Separation of Science and Profession; Ethics as a Field of Philosophy; Parallelism of Ethics of Being Human and Science and Professional Ethics; General Ethical Principles and Application Areas; Scientific Research Ethics: Basic principles of research ethics; Ethical Evaluations in Scientific Research; Publication Ethics in Scientific Knowledge Production; Professional Ethics: Importance of professional ethics, Effects of professional ethics on professional life; Medical Ethics and Principles; Ethical Rules for Speech and Language Therapy; Values for Speech and Language Therapy.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 401	FAMILY COUNSELING IN LANGUAGE AND SPEECH DISORDERS	2	0	0	2.00	4.00	Compulsory

Course Content

This course covers the core concepts, theoretical approaches, and ethical principles of family counseling; family systems, parental reactions, stress, and coping mechanisms; identifying family needs in speech and language disorders; family-centered practices; planning, conducting, and evaluating counseling sessions; information sharing, support, referral, and collaboration processes; cultural differences; communication with siblings, caregivers, and the school environment; multidisciplinary team approach; case studies, and practical discussions.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 403	ELECTROTHERAPY FOR LANGUAGE AND SPEECH DISORDERS	2	0	0	2.00	2.00	Compulsory

Course Content

This course; Medulla Spinalis Functions, Structure and functions of the cell membrane, passage through the cell membrane, osmosis and diffusion. Action potential and ion channels, Smooth muscle physiology, Striated muscle physiology, Neuromuscular junction and muscle motor unit properties, Somatic senses: pain and temperature ,Somatic senses: touch,Central nervous system physiology, Respiratory and Digestive system physiology,Agonist and antagonist working facial muscles, Agonist and antagonist working head and neck muscles, TENS, NMES, EEG, EMG,Student presentations; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 405	CLINICAL APPLICATION I	0	16	0	8.00	12.00	Compulsory

Course Content

Developing and Implementing Checklists, Assessment Tools, Test Sets, Therapy Tools for Use with Cases in Assessment and Therapy for Speech and Language Disorders; Gaining Knowledge on the Use of Technology in Speech and Language Therapy; Attending Seminars of Experts in Related Fields; Gaining Knowledge about Multidisciplinary Working Methods.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 407	BIOSTATISTICAL	2	0	0	2.00	2.00	Compulsory

Course Content

This course covers the main phases of statistical methodology, statistics in medicine and health sciences, data collection and data organization and presentation, descriptive statistical analysis, measures of central tendency, means: analytical means, non-analytical means, variability and measures, skewness and measures, descriptive statistics: problem solving, normal distribution and its properties, standard normal distribution, applications of normal distribution, introduction to inductive statistical analysis: sampling and sampling techniques: simple random sampling: estimation of the size of the sample, estimation of the mean of the sample, estimation of the population ratio, introduction to statistical relationship analysis, research stages and ethical issues in research.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 409	SEMINAR I	2	0	0	2.00	2.00	Compulsory

Course Content

Seminar programs for diagnosis and intervention for communication, language, speech, voice and swallowing disorders

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
STJ 01	INTERNSHIP	0	0	0	0.00	5.00	Compulsory

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
OD 111	ATATURK PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2	0	0	2.00	2.00	Compulsory

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
OD 112	ATATURK PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2	0	0	2.00	2.00	Compulsory

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 402	CLINICAL DECISION MAKING IN LANGUAGE AND SPEECH DISORDERS (APPLY FOR PROFICIENCY EXAM)	2	2	0	3.00	6.00	Compulsory

Course Content

Applications for all areas of speech and language therapy

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 404	CLINICAL APPLICATION II	0	16	0	8.00	12.00	Compulsory

Course Content

Observation of Normally Developing Children in Kindergartens, Kindergartens, Orphanages; Developing and Implementing Checklists, Assessment Tools, Test Sets, Therapy Tools for Use with Cases in Assessment and Therapy for Speech and Language Disorders; Gaining Knowledge on the Use of Technology in Speech and Language Therapy; Attending Seminars of Experts in Related Fields. Gaining Knowledge about Multidisciplinary Working Methods.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 406	AUGMENTATIVE AND ALTERNATIVE COMMUNICATION	2	0	0	2.00	2.00	Compulsory

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 408	SEMINAR II	2	0	0	2.00	2.00	Compulsory

Course Content

Seminar programs for diagnosis and intervention for communication, language, speech, voice and swallowing disorders

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK GS I	GENEL SEÇMELİ I	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 003	TECHNICAL COMMUNICATION	2	0	0	2.00	3.00	Seçmeli

Course Content

This course includes information about scientific research, research process, identification of research problem, literature review, data collection methods, creating hypothesis, universe, sample, analysis methods and research report.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 005	STRESS AND TIME MANAGEMENT	2	0	0	2.00	3.00	Seçmeli

Course Content

This lesson; historical development of occupational health and safety, occupational accident and occupational diseases and costs, the concept of occupational safety, the importance of occupational safety studies in terms of workforce efficiency, basic factors in occupational safety, sources of hazards, the concept of occupational health, psychosocial risk factors, ILO conventions, events that disrupt security Includes fire, earthquake and flood issues.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 009	PUBLIC ADMINISTRATION	2	0	0	2.00	3.00	Seçmeli

Course Content

The nature of public administration, Central government organizations, Local administrations; Subjects such as special provincial administration and the concept of bureaucracy constitute the content of this course.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 011	VOLUNTEERING STUDIES	2	0	0	2.00	3.00	Seçmeli

Course Content

The content of the course; corporate social responsibility concept and development, social responsibility areas, social responsibility plan, business ethics and social responsibility relationship, the impact of social responsibility practices on corporate success.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 015	CREATIVE DRAMA AND IMPROVISION	2	0	0	2.00	3.00	Seçmeli

Course Content

This course includes the sociological and psychological dimensions of drama, history of drama and its applications in education, drama in education, role play and improvisation, and the relationship of drama with creativity and communication concepts, drama practices and how to use drama activities in teaching different courses.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 017	HUMAN RESOURCES MANAGEMENT	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 021	BUSINESS LAW	2	0	0	2.00	3.00	Seçmeli

Course Content

Concept of law, functions of law, differences of legal rules from other legal rules regulating social life, types of sanctions, branches of law, sources of labor law, individual labor law, collective (collective) labor law.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 023	ENTERPRISE RESOURCE PLANNING	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 025	HUMAN RIGHTS	2	0	0	2.00	3.00	Seçmeli

Course Content

Historical Development of Human Rights, European Convention on Human Rights and International Fundamental Documents on the Protection of Human Rights, European Court of Human Rights and its Case Laws, Fundamental Rights and Freedoms, Generational Rights.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 027	ENTREPRENEURSHIP	2	0	0	2.00	3.00	Seçmeli

Course Content

Basic terms in entrepreneurship, preparing a business plan, basics of marketing research, preparing a marketing plan, production plan, organization plan, financial plans and financial statement.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 031	HISTORY OF SCIENCE	2	0	0	2.00	3.00	Seçmeli

Course Content

Science. Science from the perspective of civilizations: Nile and Anatolian civilizations; Asian, Chinese, Indian, Roman, Greek and Islamic civilizations. European, American, Asian, Far East, Middle-Eastern civilizations. Turkish World History of Science and Technology; History of glass, textile and ceramic technology; history of iron-copper and casting technology.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 033	SOCIAL PSYCHOLOGY	2	0	0	2.00	3.00	Seçmeli

Course Content

Psychology science, fields of psychology, the place of social psychology in psychology, social psychology field and methods, human nature, socialization, social perception, attitudes and change, social impact, individual behavior in the group, interpersonal attraction and love.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 035	COMMUNICATION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 037	FINANCIAL LITERACY	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 039	SIGN LANGUAGE	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 041	DISASTER AND CRISIS MANAGEMENT	2	0	0	2.00	3.00	Seçmeli

Course Content

The principles of disaster and crisis management, concepts, definitions and standards, elements of the emergency plans and emergency management, emergency situations, the communication, the importance of evacuation, examination of mitigation-preparation-intervention improvement phase, the next desk applications; The objective of crisis management, identification of the crisis, characteristics, stages, aspects of crisis management, history and time, disaster management and crisis management as well as providing information on legislative issues

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 043	CITY AND SOCIETY	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 045	ENVIRONMENTAL PROTECTION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 047	BEHAVIORAL SCIENCES	2	0	0	2.00	3.00	Seçmeli

Course Content

Behavior, Behavioral Sciences, Development of Behavioral Sciences and Their Relationship with Other Social Sciences, Behavioral Plane and Social Institutions, Needs and Related Theories as the Main Source of Behaviors, Personality and Personality Traits, The Concept of Learning, Perception and Perception, Social Impact and Adaptation, Attitude Concept and Attitudes, Communication and Impressive Communication, Group Structure and Dynamics, Teaming, Group Team Decomposition, Effect of Culture and Behavior.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 013	ACADEMIC TURKISH	2	0	0	2.00	3.00	Seçmeli

Course Content

Definition of language, its characteristics, relations between language-nation / language-thought and language-culture. Language in the world; the place and importance of Turkish among them and its historical development. Ataturk's language revolution, concept and works. Sounds in Turkish. Phonology of Turkish. Spelling rules and application. Punctuation rules and application. Vocabulary. Productiveness of Turkish.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 019	FIRST AID	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 049	HISTORY OF CLOTHING	2	0	0	2.00	3.00	Seçmeli

Course Content

Clothing in Prehistoric Societies; A.D. Clothing Culture in Various Regions of the World (Anatolia, Asia, Europe, Australia, Africa, America...) from the 5th Century to the 20th Century; the Latest Situation of Clothing Culture in the 21st Century.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 051	FINANCIAL INVESTMENT ANALYSIS	2	0	0	2.00	3.00	Seçmeli

Course Content

Financial markets, investment instruments, interest calculations, return and risk calculations, valuation, and portfolio transactions.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 053	SPECIAL EDUCATION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 055	INTERNATIONAL POLITICS	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 057	HISTORY OF TURKISH DEMOCRACY	2	0	0	2.00	3.00	Seçmeli

Course Content

Democracy, Political Party and Parliament; Parliamentary System, Presidential System, Parliamentary Government System; Emergence of Parliament: England; Emergence of Parliament: France; Turkish Modernization and Democratization: From Nizam-ı Cedid to the First Constitutional Monarchy; I. Constitutional Monarchy and II. Abdulhamid Eras; II. Constitutional Era; War of Independence and Parliamentary Government System; Early Republican Era; From Transition to Multi-Party Life to the Constitution of 61; Political Developments from the Adoption of the Constitution of 61 to the 12 March Regime; Political Developments from 1971 to the 12 September Regime; Political Developments from 12 September Regime to the 28 February; Political Developments Since the 28 February.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 059	CREATIVITY MANAGEMENT AT THE WORKPLACE	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 061	HISTORY OF MATHEMATICS	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 063	ANALYZING THE ECONOMICAL INDICATORS	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 065	ENGLISH-TURKISH TRANSLATION	2	0	0	2.00	3.00	Seçmeli

Course Content

This course follows a process consisting of material sharing that facilitates students' basic vocabulary knowledge and foreign language reading and writing skills, as well as provides guidance for translating the target language to the native language. It also includes regular assignments to practice and apply what they have learned.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 067	NEUROMARKETING	2	0	0	2.00	3.00	Seçmeli

Course Content

The basic topics in this course are; determining the methods of neuroscience methods on marketing strategies, using neuroscience data in the process of consumer protection, neuromarketing strategies and ethical side of neuromarketing.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 069	COMMUNICATION WITH DISABLED INDIVIDUALS	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 071	ADDICTION AND FIGHT AGAINST ADDICTION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 073	INFORMATION LITERACY	2	0	0	2.00	3.00	Seçmeli

Course Content

The importance of information literacy Information literacy: Concepts, definitions Legal and ethical issues in the scientific research process The scientific research process (wonder, research, select, binding, transfer and evaluation) Information access tools (library catalogs, databases, search engines) Information Search Strategies Principles of quotation, footnote and bibliography

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 007	OCCUPATIONAL HEALTH AND SAFETY	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS-MTH-01	INTRODUCTION TO SYSTEM ENGINEERING	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS-MTH-03	DIGITAL TRANSFORMATION ECOSYSTEM	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 103	PHYSICAL EXERCISE AND HEALTH	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 117	EVENT PARTICIPATION I	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK GS II	GENEL SEÇMELİ II	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 002	MEDIA AND COMMUNICATION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 004	DICTION AND EFFECTIVE SPEAKING	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 006	BUSINESS ETHICS	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 008	PROTOCOL AND SOCIAL BEHAVIOR RULES	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 010	PRODUCTION MANAGEMENT	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 012	VOLUNTEERING STUDIES	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 014	ACADEMIC TURKISH II	2	0	0	2.00	3.00	Seçmeli

Course Content

Definition of language, its characteristics, relations between language-nation / language-thought and language-culture. Language in the world; the place and importance of Turkish among them and its historical development. Ataturk's language revolution, concept and works. Sounds in Turkish. Phonology of Turkish. Spelling rules and application. Punctuation rules and application. Vocabulary. Productiveness of Turkish.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 016	CREATIVE DRAMA AND IMPROVISATION	2	0	0	2.00	3.00	Seçmeli

Course Content

This course includes the sociological and psychological dimensions of drama, history of drama and its applications in education, drama in education, role play and improvisation, and the relationship of drama with creativity and communication concepts, drama practices and how to use drama activities in teaching different courses.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 018	HUMAN RESOURCE MANAGEMENT	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 020	FIRST AID	2	0	0	2.00	3.00	Seçmeli

Course Content

The main content of the first aid of the course, basic life support in adults, children and infants, first aid in respiratory obstruction, external and internal bleeding, injuries, land and sea bites, fractures, poisoning, heat stroke, burns and freezes. creates emergency transport techniques.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 022	BUSINESS LAW	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 024	POLITICAL MANAGEMENT	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 026	SUSTAINABILITY	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 028	PROBLEM SOLVING AND DECISION MAKING	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 030	TECHNOLOGY ADDICTION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 032	BUSINESS ADMINISTRATION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 034	FACTORY ORGANIZATION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 036	QUALITY MANAGEMENT SYSTEMS	2	0	0	2.00	3.00	Seçmeli

Course Content

The content of this course consists of the concept and meaning of quality, history and principles of quality management, the concept of total quality management, measurement and evaluation methods used in quality management, quality certification.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 038	TECHNOLOGY MANAGEMENT AND R&D	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 040	MARKETING	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 042	SERVICE MARKETING	2	0	0	2.00	3.00	Seçmeli

Course Content

Content of the Service Marketing course; The concept of service and amenities, the importance of the service sector, the reasons for the growth of the service sector, the service sector in Turkey. Classification of services, Product, Service as a product, Product mixed strategies in services, Distribution, Distribution channel options for service businesses, Pricing, Pricing approaches for services, Promotion, advertising, sales promotion, Public relations, Personal sales, Direct marketing, Service marketing and Human resources, Service and customer, Service marketing and physical evidence, Capacity and demand management strategies for services, Capacity management, Revenue management, Transactional marketing, Relational marketing.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 044	E-COMMERCE	2	0	0	2.00	3.00	Seçmeli

Course Content

Historical Development Process of Electronic Commerce, Basic Concepts of Internet and Electronic Commerce, Management of Marketing over the Internet, Electronic Logistics; Electronic Commerce Applications

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 046	CURRENT ECONOMIC ISSUES	2	0	0	2.00	3.00	Seçmeli

Course Content

Basic Economic Concepts, National Income, Income Distribution and Poverty, Factors of Production, Inflation, Unemployment, Interest Rate, Middle Income Trap, Cryptocurrency, Structural Reforms, Sustainable Development.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 048	PUBLIC RELATIONS	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 050	SOCIOLOGY	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 052	GLOBALIZATION READINGS	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 054	PHOTOGRAPHY	2	0	0	2.00	3.00	Seçmeli

Course Content

The phenomenon of photograph, Concept of Photography, Historical Development of Photography, Types of Cameras, Working Principles of Camera, Interpretation of Photography, Golden Ratio, Exposure Triangle, Application Examples.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 058	INTRODUCTION TO BUSINESS SCIENCE	2	0	0	2.00	3.00	Seçmeli

Course Content

Basic concepts of business organizations, organizations' objectives and environment, establishment and classification of organizations, expansion of organizations, the concept of international business and business functions.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 060	HEALTHY AND ACTIVE AGEING	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 062	SALES TECHNIQUES	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 056	PROJECT MANAGEMENT	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 064	DIGITAL TRANSFORMATION AND INDUSTRY 4.0	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 066	HISTORY OF CLOTHING	2	0	0	2.00	3.00	Seçmeli

Course Content

Clothing in Prehistoric Societies; A.D. Clothing Culture in Various Regions of the World (Anatolia, Asia, Europe, Australia, Africa, America...) from the 5th Century to the 20th Century; the Latest Situation of Clothing Culture in the 21st Century.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 068	ADDICTION AND FIGHT AGAINST ADDICTION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 070	CHILD RIGHTS AND FAMILY EDUCATION	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 076	GENDER EQUALITY	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
GS 100	Activity Participation Course II	2	0	0	2.00	3.00	Seçmeli

Course Content

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK MS I	MESLEKİ SEÇMELİ I	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 315	HEALTH PROTECTION AND IMPROVEMENT	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers the basic concepts of health protection and promotion; preventive health services; biological, environmental, social and behavioral factors affecting health; healthy lifestyle behaviors; nutrition, physical activity, sleep and stress management; risky health behaviors; prevention of chronic diseases; community health, health literacy, early diagnosis and screening; health education and health promotion programs.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 317	HEALTH TOURISM AND COMPLEMENTARY ALTERNATİVE MEDICINE	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers the concept, types and development of health tourism; thermal tourism, elderly and disabled tourism, medical tourism and wellness practices; the concepts, classification and areas of use of complementary and alternative therapies; aromatherapy, massage, acupuncture, phytotherapy, reflexology, meditation, yoga and similar practices; the relationship of these practices with health, quality of life and prevention; and their ethical, safety, scientific evidence and patient information dimensions.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 319	HEALTHY LIFE AND PHYSICAL ACTIVITY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers the concept of healthy living, the differences between physical activity and exercise, the physiological and psychological effects of physical activity, the consequences of a sedentary lifestyle, nutrition and sleep patterns, stress management, quality of life, health protection and promotion, planning physical activity in daily life, the importance of physical activity in preventing chronic diseases, and lifelong healthy behavior habits.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 323	GENDER QUALITY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers the concepts of gender and biological sex, gender roles, equality and inequality, discrimination, stereotypes, the reflections of gender in the family, education, media, working life and health services, human rights, inclusion, violence, social awareness, and policies and practices that support equality.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK MS II	MESLEKİ SEÇMELİ II	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 321	PROFESSIONAL ENGLISH	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers basic professional English concepts, speech and language therapy terminology, English terms related to anatomy and physiology, expressions used in assessment and therapy settings, academic reading strategies, summarizing articles, basic professional correspondence, basic professional communication expressions with patients/families, presentation language, structures frequently used in scientific texts, and the examination of current English sources in the field.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 325	APHASIA	2	0	0	2.00	3.00	Seçmeli

Course Content

This course; Evaluation: Case history taking, Evaluation: Application of formal tests, Evaluation: Evaluation of language and cognitive skills with non-formal methods in neurogenic disorders, Other problems that may accompany aphasia and other neurogenic disorders, Evaluation in different work environments, Reporting and case/family information in neurogenic disorders, In therapy General rules, professional responsibilities and limits to be followed, Therapy Practice 1: Evaluation, Therapy Practice: Preparing an individualized therapy plan, Therapy Practice: Useful and unhelpful practices in the therapy process, Therapy Practice: Use of a certain approach in the therapy process, useful and unhelpful practices, Therapy application, Case Therapy End Evaluation, EVALUATION AND REPORTING OF THE THERAPY PROCESS; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 327	MUSIC TRAINING FOR SPEECH AND LANGUAGE THERAPISTS	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers definition and formation of voice, types of voice, steps of voice training, factors affecting voice health, diaphragmatic breathing, diaphragm exercises, applied diaphragm breathing exercises, exercises to increase expiration (breathing) time and support and their purposes, terms used in music, definition of phonation. importance and exercises to increase the duration of phonation, semitone and register concept, register concept in voice education, diaphragm breathing exercises, applied diaphragm breathing exercises on piano, practice-grouping applied voice exercises on piano, applied voice exercises on piano, intonation exercises, applied voice exercises on piano and intonation exercises includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK MS III	MESLEKİ SEÇMELİ III	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 314	BIOMEDICAL ROBOTIC SYSTEMS FOR SPEECH AND LANGUAGE THERAPY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers an introduction to robotic systems, basic concepts of biomedical and robotic systems, medical robotics applications, robotic and biomedical systems used in speech and language therapy (social robots, rehabilitation robots, sensor- and biofeedback-based systems), and possible future uses of robotic technologies.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 316	SALK LEGISLATION AND SOCIAL POLICIES	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers the basic concepts of health law and health legislation; the rights and obligations of patients and health professionals; the conditions for the legality of medical intervention; contractual and non-contractual legal liability; the liability of health institutions; criminal liability arising from medical intervention; disciplinary investigations concerning civil servants; and the financial liability of the administration in health services.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 318	MULTILINGUALISM, LANGUAGE DEVELOPMENT AND DISORDERS	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers theoretical perspectives on language, bilingualism and language proficiency; language acquisition in multilingual and bilingual contexts; the relationship between language and cognition; language disorders in bilingual children; the aims, principles and procedures of language assessment in emerging bilinguals; and language intervention in multilingual children with language disorders.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 320	TYROPLASTY AND VOICE THERAPY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers the concept and types of thyroplasty; thyroplasty surgery and possible complications; treatment options in voice disorders; voice therapy before and after thyroplasty; multidisciplinary team collaboration and case examples.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 322	CHILD AND ADOLESCENT PSYCHOPATHOLOGY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers normal child development and its characteristics, assessment methods and ethical principles in children and adolescents; intellectual developmental delays, learning disorders, disruptive behavior disorders, pervasive developmental disorders, communication and anxiety disorders, somatoform disorders, eating disorders, mood disorders, conduct disorders in adolescence, and abuse and neglect.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK MS IV	MESLEKİ SEÇMELİ IV	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 324	BASIC PHARMACOLOGY FOR SPEECH AND LANGUAGE THERAPY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers an introduction to pharmacology, routes of drug administration, pharmacokinetics (absorption, distribution, metabolism and excretion), the dose-concentration-effect relationship, mechanisms of drug action and factors that alter drug effects; drugs used in conditions related to language and speech disorders such as aphasia and dysarthria, cleft lip and palate and autism, their common side effects and the role of the speech and language therapist; pharmacovigilance and pharmacogenetics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 326	PROFESSIONAL PRACTICE IN CLEFT LIP AND PALATE-CRANIOFACIAL ANOMALIES	2	0	0	2.00	3.00	Seçmeli

Course Content

This course; Family interview in CLP and head face anomalies, oral peripheral evaluation in CLP and head face anomalies Language and speech evaluation in CLP and head face anomalies, additional problems that can be observed in CLP and head face anomalies Instrumental evaluations to aid diagnosis in cases of velopharyngeal dysfunction. Differential diagnosis of resonance disorders Reporting and family information on ,NDY and head face anomalies General rules, professional responsibilities and limits to be followed in therapy The use of low and high technology devices in resonance disorders: To whom, when, why? ,Preparing an individualized therapy plan Speech therapy process in a case with CLP Speech Therapy: What works and what doesn't? Speech Therapy: What works and what doesn't? Speech Therapy: What works and what doesn't? ; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 328	SPEECH AND LANGUAGE THERAPY APPROACHES IN INTENSIVE CARE UNITS	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers general information on intensive care units; the role of the speech and language therapist and multidisciplinary work in intensive care; communication and swallowing assessment and intervention approaches in pediatric and adult intensive care units; considerations in conditions such as tracheostomy and mechanical ventilation; possible complications and ethical rules.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK MS VI	MESLEKİ SEÇMELİ VI	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 419	PROFESSIONAL PRACTICE IN COGNITIVE COMMUNICATION DISORDERS	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers an introduction to cognitive communication disorders; assessment processes in cognitive communication disorders; intervention methods; preparing individualized therapy programs; and assessment and therapy practices through case examples.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 421	SPEECH AND LANGUAGE THERAPY COUNSELING IN SCHOOLS	2	0	0	2.00	3.00	Seçmeli

Course Content

It includes information on the detection, discrimination, evaluation, therapy and family counseling of speech, speech, speech, and swallowing disorders in students studying at primary, secondary and special education schools.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 423	CAREER PLANNING IN SPEECH AND LANGUAGE THERPAY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course covers the concept of career and related basic concepts; career planning, career management and career choice; the effect of personal characteristics on career choice; national and international exchange programs and scholarships; basic communication and social skills; professional and academic examinations; preparing a CV and cover letter; job search methods; interview techniques; and employment opportunities as a speech and language therapist in the public and private sectors.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 425	SPEECH AND LANGUAGE THERAPY APPLICATIONS IN HEARING DISORDERS	2	0	0	2.00	3.00	Seçmeli

Course Content

Speech and language therapists need to know how to perform comprehensive hearing screenings and interpret audiometric data to assist patients with hearing impairment. The aim of therapy in patients with hearing impairment; to improve speaking, communication, listening and language skills. It includes practice on these issues.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK MS V	MESLEKİ SEÇMELİ V	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 413	ACADEMIC RESOURCE OBSERVATION IN SPEECH AND LANGUAGE THERAPY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course; Introduction, explanation of the purpose and operation of the course, Importance of key word selection, teaching and practice to reach projects in the field of speech and language therapy, Teaching and practice of important databases to reach projects in the field of speech and language therapy, Ways of reaching projects by using various sources in the field of speech and language therapy. Examination of the introductory parts of the projects in the field of speech and language therapy, Examination of the method parts of the projects in the field of speech and language therapy, Examination of the results sections of the projects in the field of speech and language therapy and the expression of the results II,Examination of the results sections of the projects in the field of speech and language therapy and the way the results are expressed III,Planning a theoretical project in the field of speech and language therapy I,Planning a theoretical project in the field of speech and language therapy II,A project at the theoretical level in the field of speech and language therapy Planning III, Planning a theoretical project in the field of speech and language therapy IV, Planning a theoretical project in the field of speech and language therapy V; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 415	EVIDENCE-BASED PRACTICE IN SPEECH-LANGUAGE THERAPY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course; The concept and history of Evidence-Based Practice, The importance of research in speech and language disorders, Types of evidence and its importance for speech language therapy, Principles and research methods used in research, External Evidence, Research elements and the concept of PICO, Systematic structure of scientific research- Experimental studies, Scientific ethics, Access to External Evidence: Use of library databases and PubMed, Validity of evidence: Internal validity, external validity, subjective biases, Evaluation of data on intervention methods, Research and evaluation: Student presentations, Student presentations, General evaluation; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 417	PROFESSIONAL PRACTICE FOR MOTOR SPEECH DISORDERS	2	0	0	2.00	3.00	Seçmeli

Course Content

This course; UNDERSTANDING THE FUNCTIONING OF THE RELEVANT TREATMENT UNIT, APPROACHING THE FUNCTIONING OF THE RELEVANT TREATMENT UNIT, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS, APPLICATION OF THE RELATED TREATMENT UNIT, APPLICATION OF THE PATIENTS, APPLICATION AND TREATMENT PROGRAM APPLICATION OF THE PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, APPLICATION OF THE TREATMENT UNIT-SPECIFIC TREATMENT PROGRAMS, PRACTICE CHANGE WITH THE TREATMENT UNIT-SPECIFIC TREATMENT PRACTICES MAKING PRACTICAL APPLICATIONS WITH THE FACTS, REVIEWING THE KNOWLEDGE OBTAINED IN THEORETICAL AND PRACTICAL CONDITIONS, OBTAINED THEORETICAL AND PRACTICAL REVIEW OF INFORMATION; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK MS VIII	MESLEKİ SEÇMELİ VIII	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 420	SPEECH AND LANGUAGE THERAPY IN ONCOLOGY	2	0	0	2.00	3.00	Seçmeli

Course Content

This course; UNDERSTANDING THE FUNCTIONING OF THE RELEVANT TREATMENT UNIT, APPROACHING THE FUNCTIONING OF THE RELEVANT TREATMENT UNIT, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS, APPLICATION OF THE RELATED TREATMENT UNIT, APPLICATION OF THE PATIENTS, APPLICATION AND TREATMENT PROGRAM APPLICATION OF THE PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, APPLICATION OF THE TREATMENT UNIT-SPECIFIC TREATMENT PROGRAMS, PRACTICE CHANGE WITH THE TREATMENT UNIT-SPECIFIC TREATMENT PRACTICES MAKING PRACTICAL APPLICATIONS WITH THE FACTS, REVIEWING THE KNOWLEDGE OBTAINED IN THEORETICAL AND PRACTICAL CONDITIONS, OBTAINED THEORETICAL AND PRACTICAL REVIEW OF INFORMATION; includes topics

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 422	PROFESSIONAL PRACTICE IN NEUROGENIC SPEECH AND LANGUAGE DISORDERS	0	4	0	2.00	3.00	Seçmeli

Course Content

This course; UNDERSTANDING THE FUNCTIONING OF THE RELEVANT TREATMENT UNIT, APPROACHING THE FUNCTIONING OF THE RELEVANT TREATMENT UNIT, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS, APPLICATION OF THE RELATED TREATMENT UNIT, APPLICATION OF THE PATIENTS, APPLICATION AND TREATMENT PROGRAM APPLICATION OF THE PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, EVALUATION OF THE PATIENTS AND APPLICATION OF THE TREATMENT PROGRAMS, APPLICATION OF THE TREATMENT UNIT-SPECIFIC TREATMENT PROGRAMS, PRACTICE CHANGE WITH THE TREATMENT UNIT-SPECIFIC TREATMENT PRACTICES MAKING PRACTICAL APPLICATIONS WITH THE FACTS, REVIEWING THE KNOWLEDGE OBTAINED IN THEORETICAL AND PRACTICAL CONDITIONS, OBTAINED THEORETICAL AND PRACTICAL REVIEW OF INFORMATION; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 424	PROFESSIONAL PRACTICE IN SWALLOWING DISORDERS	0	4	0	2.00	3.00	Seçmeli

Course Content

This course includes understanding the functioning of the relevant treatment unit for swallowing disorders; supervised assessment of patients and implementation of treatment programs; practical applications with various cases specific to the treatment unit; and theoretical and practical review of the information obtained.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 426	PROFESSIONAL PRACTICE IN CHILDHOOD LANGUAGE DISORDERS	0	4	0	2.00	3.00	Seçmeli

Course Content

This course reinforces basic knowledge in the field of language and speech disorders through practice organized as weekly clinical work. It covers the definition and classification of language disorders, normal language development, assessment in pediatric and adult language disorders, family interviews and intervention practices.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 428	PROFESSIONAL PRACTICE IN CHEWING AND SWALLOWING DISORDERS	0	4	0	2.00	3.00	Seçmeli

Course Content

This course covers the neuroanatomy and neurophysiology of chewing and swallowing; the development of chewing skills; assessment of chewing disorders; determining an individualized and appropriate approach to chewing disorders in children; and therapy practices in chewing and swallowing disorders.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK MS VII	MESLEKİ SEÇMELİ VII	2	0	0	2.00	3.00	

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 412	SPEECH AND LANGUAGE THERAPY IN INDIVIDUALS WITH HEARING LOSS	2	0	0	2.00	3.00	Seçmeli

Course Content

Speech and language therapists need to know how to perform comprehensive hearing screenings and interpret audiometric data to assist patients with hearing impairment. The aim of therapy in patients with hearing impairment; to improve speaking, communication, listening and language skills.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 414	POSTURE SPEECH AND LANGUAGE THERAPY PRACTICES	2	0	0	2.00	3.00	Seçmeli

Course Content

It affects posture, language, speech, voice and swallowing disorders. Information will be given about how body posture affects these disorders and the general mechanism. It will be explained how posture is evaluated and handled in language, speech, voice and swallowing disorders.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 416	AUDITORY REHABILITATION	2	0	0	2.00	3.00	Seçmeli

Course Content

This course; Introduction to auditory rehabilitation, Multiple effects of hearing loss, Language development stages in normally developing/hearing children, Importance of perception in language development, Auditory perception processes, Auditory assessment in infants, Auditory assessment in children, Auditory assessment in adults, Hearing aids/assisted listening device use orientation, Hearing Educational approaches in children with hearing loss, Educational approaches in children with hearing loss, Auditory rehabilitation in adults, Auditory rehabilitation in children with additional handicap, Family education and counseling in children with hearing loss; includes topics.

Course Unit Code	Course Name	T	U	L	Credit	ECTS	Type
DK 418	SPEECH AND LANGUAGE THERAPY IN AUTISM SPECTRUM DISORDER	2	0	0	2.00	3.00	Seçmeli

Course Content

What is communication, language and speech What is autism How is communication development in autism? How joint attention and play are in individuals with autism theory of mind and autism Communication in autism Language assessment in autism Language intervention approaches in autism