



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 emotions, 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 NEUROPHYSIOLOGY OF SPEECH AND LANGUAGE | 3 | 0 | 0 | 3.00 | 4.00 | Compulsory |

Course Content

Basic neuroanatomy and terminology, basic neurophysiology, neuroanatomy of hearing, neurophysiology of hearing, neuroanatomy of speech, neurophysiology of speech, neural control of laryngeal and supralaryngeal sound system, central functions of speech act, speech function and neural relations, asymmetry and lateralization functions of human brain, cranial nerves, central system pathologies and their effects on language and speech, peripheral and central pathologies; includes topics.

| 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

It includes the basic concepts of speech science, pioneer scientists who have worked in the field of speech science, types of sound waves, respiration, phonation, articulation, resonance, acoustic measurements, acoustic properties of vowels and consonants, speech production and perception.

| 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

Explaining the basic concepts of kinesiology.

| 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, frugal 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

Edinilmiş dil bozukluklarındaki değerlendirme yaklaşımları. Edinilmiş dil bozukluklarındaki tedavi etkililiği. Afazide uygulanan terapi yaklaşımları Edinilmiş dil bozukluklarında alternatif ve destekleyici iletişim yöntemleri

| 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

Evaluation of Fluency Disorders: Objectives, Key parameters, Procedures; Evaluation of Preschool Child; Evaluation of School Age Child; Evaluation of Adolescents and Adults; Formal and Informal Evaluation in Fluency Disorders; The topics of Differential Diagnosis of Stuttering and Rapid Distorted Speech are covered. Therapy of Fluency Disorders: Shaping fluency, Change in stuttering, Lidcombe therapy program, Application of different approaches together; Therapeutic Practices are discussed.

| 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 |
|------------------|---|---|---|---|--------|------|------------|
| DK 302 | ASSESSMENT AND THERAPY OF NEUROGENIC MOTOR SPEECH DISORDERS | 2 | 2 | 0 | 3.00 | 6.00 | Compulsory |

Course Content

This course; Evaluation and decision-making process, assessment tools, test types, Evaluation purposes, evaluating understanding of the content, form and use of the language, Evaluating the production of the content, form and use of the language, Use, scoring and interpretation of Turkish Aphasia language assessment tests, Use of Turkish Aphasia language assessment tests, scoring and interpretation, therapy approaches in neurogenic acquired language disorders, stimulus approach, stimulus preparation in stimulus approach, thematic language stimulation and semantic features analysis, HELPPS and RET, Visual Movement Therapy, Therapy approaches for Global Aphasia; includes topics.

| 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

This course includes bedside and instrumental evaluation of swallowing disorders and selection of therapy method for the disorder.

| 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

Definition and Scope of Consultancy and Support Services; Counseling the Families and Teachers of Individuals with Communication Problems: Family education; Effective Counseling Skills in Counseling Services in Speech and Language Therapy; Counseling Approaches; Discussion of Solution Suggestions for the Problems Frequently Involved in the Consultation Process; Differentiating Features of Counseling Services for Developmental and Acquired Language and Speech Disorders.

| 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 |
|------------------|--|---|---|---|--------|------|------------|
| 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 | | 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; Community-based health protection and development, Policies developed for protecting and improving health, The importance of health and family-based education in protecting and improving health, The relationship between health protection and development and age, gender and marital status, The relationship between health protection and development and gender, Health literacy The effects of health protection and development, The effect of health protection and improvement on the quality of life, The place of culture in health protection and development, The importance of the environment in health protection and development, The effect of the media in the protection and development of health, The importance of early diagnosis in the protection and development of health, The effect of stress on health protection and development. Effects of complementary and alternative therapy (CAM) on health protection and improvement, Importance of exercise, nutrition and sleep in protecting and improving health; includes topics.

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

Course Content

This course; Health Tourism, medical tourism and old age tourism concepts, Health Tourism Market and the concept of reverse flow, Health Tourism Industry, Management of Treatment Process, Customer Expectations in Health Tourism, Areas where medical tourists are most treated, Patient Health, Quality, Safety and Risk in Health Tourism ,Legal and Ethical Issues in Health Tourism,Economic,Social and Institutional Health Tourism,Effects on the System: Source Country,Effects on the System: Destination Country,Health Tourism in Turkey: A General Framework and Medical Tourism,Health Tourism in Turkey: Thermal Tourism, Disabled and Elderly Tourism, Health Tourism Sector and Potential in Europe and the Middle East, Health Tourism Sector and Potential in the Far East and America; Theoretical knowledge about complementary treatment methods; Complementary Therapies in Health and Medicine; Legal Regulations in Complementary Treatments; It includes the Ethical Dimensions of Complementary Treatments.

| 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

What is Gender? Different Approaches to Gender Inequalities: Liberal Approach, Marxist Approach and Post-Modernist Approach Feminist Approaches: Equalitarian Feminism Socialist Feminism Radical Feminism The Outlook of Gender Inequalities in the World and in Turkey: Gender Inequality: Gender Inequality in Education Gender Inequality in the Family Gender Inequality in Politics Gender Equality Policies in the World and in Turkey: Equality Policies in Work Life Equality Policies in Education and Family Equality Policies in Politics Evaluation

| 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 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

| 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

1. Will be able to explain the basic concepts and institutions of health law, 2. Will be able to explain the ways of legal protection by listing the rights of patients and physicians, 3. Will be able to list the conditions of legality of medical intervention, 4. Evaluate the legal responsibility arising from medical interventions, 5. Explain the criminal liability of physicians, 6. Will be able to determine the responsibility of the administration in health services, will be able to explain the disciplinary investigation about the civil servants.

| 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

Information about thyroplasty; sound therapy processes; multidisciplinary team collaboration

| 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

| 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; 1) Introduction to Pharmacology, 2) Drug administration routes, 3) Pharmacokinetics (Absorption), 4) Pharmacokinetics (Distribution), 5) Pharmacokinetics (Metabolism), 6) Pharmacokinetics (Excretion), 7) Dose-Concentration-Effect Relationship, 8) Mechanism of action of drugs, 9) Factors that change the effect of drugs, 10) Aphasia and Dysarthria, 11) Cleft Lip and Palate, 12) Autism and the Role of Speech and Language Therapist, 13) Pharmacovigilance, 14) Pharmacogenetics; includes topics.

| 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

Evaluation and therapy practices in the pediatric and intensive care unit

| 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

| 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

To enable students to plan their careers according to career development theories and to gain knowledge and skills about what can be done in career planning after formal education. 1) Uses the methods and techniques of career planning. Analyzes the effects of character traits on career choice.

| 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

| 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

Observes the knowledge acquired at the basic level in the field of language and speech disorders. It was organized as a weekly clinical study.

| 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

Neuroanatomy and neurophysiology of chewing and swallowing Evaluation of chewing disorders Individual and appropriate approach to chewing disorders in children

| 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