

I. Semester

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS101	Introduction to Education	(2,0,0)	2	3	Compulsory

Basic concepts of education and training; aims and functions of education; the relationship of education with other fields and sciences; legal, social, cultural, historical, political, economic, philosophical and psychological foundations of education; method in educational sciences; school and classroom as an educational and learning environment; current developments in the teaching profession and teacher training; educational trends in the twenty-first century.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS105	Education psychology	(2,0,0)	2	3	Compulsory

Basic concepts of psychology and educational psychology; research methods in educational psychology; development theories, areas of development and development processes; individual differences in development; basic concepts of learning; factors affecting learning; learning theories within the framework of education-learning processes; motivation in the learning process.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
AIT101	Ataturk's Principles and History of Revolution 1	(2,0,0)	2	3	Compulsory

Internal and external reasons that prepared the collapse of the Ottoman Empire; XIX. Innovation movements in the Ottoman Empire in the 19th century; The currents of ideas in the last period of the Ottoman Empire; XX. The political and military situation of the Ottoman Empire at the beginning of the century; World War I and the Armenian question; Invasion of Anatolia and reactions; Mustafa Kemal Pasha's departure to Samsun and his activities; congress period and organization; the opening of the last Ottoman Chamber of Deputies and the acceptance of the National Pact ; Preparation for the National Struggle and the material and moral foundations of this preparation; opening and activities of the TGNA; Treaty of sevr; the struggles on the Southern and Eastern fronts; the establishment of the regular army, the Greek offensive and the wars on the Western front, the signing of the Armistice of Mudanya, the convening of the Lausanne Conference and the signing of the Peace Treaty.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ENG111	Foreign Language 1	(2,0,0)	2	3	Compulsory

Now; wide time; verbal, reading, writing and listening skills during these times; verbal skills (introducing oneself, being able to describe something/place, giving directions, question and answer

patterns for personal information); reading skills (reading lists/labels in restaurants, buses, trains, etc., shopping places, asking questions, etc.); writing skills (writing text messages, writing poster content, filling out forms); listening skills (directions, directions to places/persons, etc.).

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
TUR111	Turkish Language 1	(3,0,0)	3	5	Compulsory

Written language and its features; spelling and punctuation; characteristics of written and oral expression; paragraph creation and paragraph types (introductory, body, conclusion paragraphs); ways of developing thinking (explanation, discussion, narration, description; definition, exemplification, witnessing, comparison, etc. applications); text structure (structural features of the text, introduction-development-result sections); textuality features (cohesiveness, coherence; purposefulness, acceptability, contingency , informational , intertextuality); writing text (drafting, writing, editing and sharing); writing informative-explanatory text; writing a narrative text; writing descriptive text; writing argumentative and persuasive text.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
BIL101	information technologies	(3,0,0)	3	5	Compulsory

Information technologies and computational thinking; problem solving concepts and approaches; algorithm and flowcharts; computer systems; basic concepts of software and hardware; basics of operating systems, current operating systems; file management; utilities (third party software); word processing programs; calculation/table/graph programs; presentation programs; desktop publishing; database management systems; Web designing; internet use in education; communication and collaboration technologies; safe internet use; IT ethics and copyrights; effects of computers and internet on children/youth .

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE103	Mental Disability and Autism Spectrum Disorder	(2,0,0)	2	4	Compulsory

Basic concepts; individuals with intellectual disabilities; individuals with autism spectrum disorder (ASD); classification: educational, psychological, medical; prevalence and incidence; causes: prenatal, birth, postpartum; screening/diagnosis: medical, developmental and educational screening/diagnosis; academic and non-academic characteristics; team and collaboration; educational environments; scientifically based applications; characteristics of families; attitudes towards individuals with intellectual disabilities, individuals with ASD, and their families; services, support and legal rights for families.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE101	Special education	(2,0,0)	2	4	Compulsory

Basic concepts; individuals with special educational needs ; language and speech disorder; physical disability/ chronic illness; multiple disability; emotion/behavioral disorder, classification, prevalence and incidence, causes, screening/diagnosis, team; educational environments; scientifically based applications; the concept of family and the characteristics of families with children with special educational needs; attitudes towards children with special educational needs and their families; services, support and legal rights for families.

II. Semester

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS106	Educational Sociology	(2,0,0)	2	3	Compulsory

Basic concepts of sociology: Society, social structure, social phenomenon, social event etc.; pioneers of sociology (Ibn Haldun, A. Comte , K. Marx , E. Durkheim , M. Weber et al.) and educational views; education in terms of basic sociological theories (functionalism , structuralism, symbolic interactionism , conflict theory, critical theory, phenomenology and ethnomethodology); social processes (socialization, social stratification , social mobility, social change etc.) and education; social institutions (family, religion, economy, politics) and education; The development of sociology and sociology of education in Turkey (Ziya Gökalp, İsmail Hakkı Baltacıoğlu, Nurettin Topçu, Mümtaz Turhan et al.); culture and education; School as a social, cultural, moral system and community.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS102	Educational Philosophy	(2,0,0)	2	3	Compulsory

Basic subjects and problem areas of philosophy; philosophy of existence, knowledge, morals/values and education; basic philosophical movements (idealism, realism, naturalism, empiricism, rationalism, pragmatism, existentialism, analytical philosophy) and education; educational philosophy and educational movements: Perennialism , essentialism , progressivism , existential education, critical/radical education; Educational views of some philosophers (Plato, Aristotle, Socrates , J. Dewey , İbn -i Sina, Farabi, JJ Rousseau et al.) in the Islamic world and in the West; human nature, individual differences and education; education in terms of some political and economic ideologies; The currents of thought and education that are effective in the modernization process in Turkey; Philosophical foundations of Turkish education system.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
AIT102	Ataturk's Principles and History of Revolution 2	(2,0,0)	2	3	Compulsory

Reforms made in the political field (abolition of the Sultanate, proclamation of the Republic, abolition of the Caliphate, etc.); social reforms (Hat reform, closure of lodges and lodges, Calendar, Clock and Surname Law); reforms realized in the field of education and culture (Tawhid -i Tedrisat Law, Alphabet Revolution, Turkish History and Language Revolution); reforms in the field of law; Attempts to transition to multi-party life in the Atatürk period and reactions (establishment and closure of the Progressive Cumhuriyet Fırka , Sheikh Said rebellion and assassination attempt on Atatürk); Attempts to transition to a multi-party political life in the Atatürk period (establishment and closure of the Free Republican Party and the Menemen Incident); Turkey's economic resources and

policy in the Republican era (İzmir Economics Congress); Turkish foreign policy in the Atatürk period (Population Exchange, membership to the League of Nations, Balkan Pact and Loyalty Pact); Atatürk period Turkish foreign policy (Montreux Straits Convention, Hatay's accession to the Motherland, Turkey's bilateral relations with other countries); Definition, scope and principles of Atatürk's thought system; Turkey after Atatürk, the years of power of the Democrat Party, Turkey in the 1960s and 1970s, Turkey's foreign policy after 1960.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ING112	Foreign Language II	(2,0,0)	2	3	Compulsory

Past tense; future tense; mods (can, could , may , must etc.); speaking, reading, writing and listening skills in these tenses and moods; verbal skills (asking questions in restaurants, ordering food, etc.); reading skills (internet weather reports, recipe, poster/poster text, etc.); writing skills (writing text messages, giving written directions, writing e-mails/invitations, etc.); listening skills (weather report, recipe, etc.).

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
TUR112	Turkish Language 2	(3,0,0)	3	5	Compulsory

Features of academic language and writing; using definitions, concepts and terms in academic writings; objective and subjective expression; structure and types of academic texts (articles, reports and scientific abstracts, etc.); making a claim, proposition (justifying, defending, or opposing an idea); formal features of scientific reports and articles; the steps of writing a report; explanation, discussion, establishing intertextual relations, citing references (citing and footnotes, bibliography); writing titles, summarizing, writing keywords; ethical principles to be considered in scientific writings; academic writing practices.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE102	Learning Disability and Special Ability	(2,0,0)	2	4	Compulsory

Basic concepts; individuals with learning disabilities/attention deficit and hyperactivity disorder; gifted individuals; classification: educational, psychological, medical; prevalence and incidence; causes: prenatal, birth, postpartum; screening/diagnosis: medical, developmental and educational screening/diagnosis; academic and non-academic characteristics; team and collaboration; educational environments; scientifically based applications; characteristics of families; Attitudes towards individuals with learning disabilities/attention deficit and hyperactivity disorder, gifted individuals and their families; services, support and legal rights for families.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE104	Hearing and Visual Impairment	(2,0,0)	2	4	Compulsory

Basic concepts: individuals with hearing impairment, nature of hearing; individuals with visual impairment, the nature of vision; classification: educational, psychological, medical; prevalence and incidence; causes: prenatal, birth, postpartum; screening/diagnosis: medical, developmental and educational screening/diagnosis; academic and non-academic characteristics; team and collaboration;

educational environments; scientifically based applications; characteristics of families; Attitudes towards individuals with hearing impairment, individuals with visual impairments and their families, services provided to families, supports and legal rights.

Course Code	Lesson First Name (T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE108	Child Development (3,0,0)	3	5	Compulsory

Basic concepts: development, growth, maturation; principles of development; prenatal development and factors affecting prenatal development; physical development, its definition and importance; physical development characteristics of children aged 0-12; physical and physiological characteristics of adolescence; cognitive development, its definition and importance , concepts related to cognitive development; cognitive development characteristics according to periods; language development, its definition and importance, language development characteristics according to periods, factors affecting language development; social-emotional development, its definition and importance, social-emotional development characteristics according to periods; moral development, its definition and importance, moral development process and features; sexual development and education, concepts related to sexual development, factors affecting sexual development, sexual development process, sexual education; self-care skills, development of self-care skills and self-care skills according to developmental periods.

III. Semester

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS203	Turkish Education History	(2,0,0)	2	3	Compulsory

The subject, method and sources of Turkish education history; education in the first Turkish states; education in the first Muslim Turkish states; Education in Türkiye Seljuks and Anatolian Principalities; Education in the Ottoman Empire: The education system until the first innovation movements; 13-18. education in Turkish states outside the Ottoman geography in the centuries; Reform movements in education in the Ottoman Empire until the Tanzimat; The establishment of the modern education system from the Tanzimat to the Republic; reorganization of traditional education; 19-20. education in other Turkish states and communities in Eurasia in the centuries; education in the period of national struggle; Education in the Republic of Turkey: The foundations, structure, establishment and development of the Turkish education system; teacher training process from the beginning to the present; Education in the Turkish world in the 21st century; common goals, language and alphabet unity, joint history writing exercises.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS205	Research Methods in Education	(2,0,0)	2	3	Compulsory

Basic concepts and principles related to research methods; research process (recognizing the problem, identifying the problem and sample, collecting and analyzing data, interpreting the results); general characteristics of data collection tools; analysis and evaluation of data; access to articles, theses and databases; research models and types; basic paradigms in scientific research; quantitative and qualitative research patterns; sampling in qualitative research, data collection, data analysis; validity

and safety in qualitative research; article or thesis review, evaluation and presentation; preparing a research report in accordance with research principles and ethics; action research in education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SIY209	Hearing Impairment and Language	(2,0,0)	2	4	Optional

Factors that contribute to language acquisition and the reasons that cause problems in language development of children with hearing impairment: theories of language development and the characteristics of language acquisition of children with hearing impairment, the problems faced by children with hearing impairment in the process of language acquisition; Basic stages of language development of children with hearing impairment in pre-verbal and verbal periods: phonetics, morphemes, syntax, semantics and usage development.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY211	Adolescence and Sex Education	(2,0,0)	2	4	Optional

The nature of adolescence; physical changes in adolescence; psychological changes in adolescence; emotional changes in adolescence; mental changes in adolescence; adolescent health; health problems in adolescence; adolescent cognition; Piaget's theory; information processing process; sexual development; sex education; sexual development characteristics of adolescents with intellectual disability; Sex education practices for adolescents with intellectual disabilities.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE201	Special Education in Early Childhood	(3,0,0)	3	4	Compulsory

Basic concepts: infancy, early childhood and developmental delay; Definition, importance, history and theoretical background of special education in early childhood (ECÖZE); REM in law ; Experts involved in ECEC ; family involvement; Evaluation in ECEC ; Intervention programs in ECEC : institution, home and institution-home-based practices; REM and the transition process; Basic subjects in ECEC : games, applications suitable for developmental periods, natural teaching, family-centered applications.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE203	Applied Behavior Analysis	(3,0,0)	3	4	Compulsory

Fundamentals, history, definition, principles and importance of applied behavior analysis (IDA); UDA and ethics; setting, defining, measuring and recording target behavior; analysis and evaluation of data collected on target behavior; use of data to decide instruction; identifying behavioral functions; behavior enhancement principles and transaction processes; types of reinforcers and their use; symbol reinforcement; principles and operational processes in acquiring new behaviors; behavior reduction

principles and processing processes; differential reinforcement: extinction, cost of response; ensuring generalization; UDA and single- subject research methods.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE209	Evaluation in Special Education	(3,0,0)	3	3	Compulsory

Basic concepts; legal and philosophical foundations of evaluation; the purposes of the evaluation; medical, developmental, psychological and educational assessment; evaluation process: screening, diagnosis, placement, programming and program evaluation; pre-submission process in evaluation; submission and due diligence process; formal evaluation methods; informal assessment methods; curriculum-based assessment; observation; skills analysis; criterion dependent tests; study sample analysis; performance evaluation; reporting the evaluation process ; developing measurement tools: preparing, applying, interpreting, using the obtained data to determine the performance and development of students in various teaching areas.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE205	Integration in Special Education	(2,0,0)	2	2	Compulsory

Placement approaches in special education, joint and separate education; definition of integration; the concept of the least restrictive educational environment, its history, legal bases and types; supportive special education services, counseling, classroom support and resource room; cooperation in integration: definition, importance and types; Integration process in Turkey, integration in the past and today; Integration in legal regulations on special education in Turkey; factors affecting the success of integration; integration research.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE207	Turkish Sign Language	(2,0,0)	2	3	Compulsory

Sign language in the world and in Turkey; Turkish Sign Language and its features; letters, definitions and usage; self signs, environmental signs, sentence making, numbers and math signs; Turkish Sign Language grammar concepts; Conversation with Turkish Sign Language.

IV. Semester

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS208	Instructional Technologies	(2,0,0)	2	3	Compulsory

Information Technologies in Education; teaching process and classification of instructional technologies; theoretical approaches to instructional technologies; new directions in learning approaches; current literacy; instructional technologies as tools and materials; design of teaching materials; designing thematic teaching materials; field-specific object repository, teaching material evaluation criteria.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS210	Teaching Principles and Methods	(2,0,0)	2	3	Compulsory

Basic concepts of teaching principles and methods; teaching-learning principles, models, strategies, methods and techniques; setting goals and objectives in teaching ; content selection and arrangement in teaching and learning; teaching materials; instructional planning and instructional plans; theories and approaches to teaching; effective school teaching, learning and success in learning; evaluation of classroom learning.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY212	Concept Teaching in Mental Disability	(2,0,0)	2	4	Optional

Defining the concept; types of concepts ; benefits of concepts; children's learning of the concept; elements of concept teaching; Points to be considered in concept teaching; methods used in concept teaching; direct instruction model; error-free teaching; simultaneous prompt teaching; evaluation and planning in concept teaching; applying concept teaching.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG204	Attention Deficit Hyperactivity Disorder	(2,0,0)	2	4	Optional

Basic concepts; individuals with attention deficit, symptoms of attention deficit, parent approaches in attention deficit, teacher approaches in attention deficit, hyperactivity , hyperactive child, signs of hyperactivity , diagnosis, approach to hyperactive child at home and at school, ways of working with hyperactive children and treatment process.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE202	Supporting Language and Communication Skills	(3,0,0)	3	4	Compulsory

Supporting Definition of communication, definition of language, theories of language acquisition, explaining the concepts and development of language, communication and speech; basic language, communication and speech characteristics and problems in children with special education needs; assessment of language, communication and speech problems; setting goals according to language components; natural and structured scientifically based/effective methods used in gaining communication skills; family guidance on the development of communication skills.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE206	Technology Supported Instruction in Special Education	(2,0,0)	2	3	Compulsory

Basic concepts of special education and technology; the importance of using technology in education and special education; technology-supported applications for academic and non-academic skills of students with different special education needs; the use of different technological tools (eg , smart board, desktop, laptop, tablet, smartphone) in special education; examples of applying technological tools such as smart boards, desktops, laptops, tablets, smart phones to technology-supported teaching; alternative and supportive technology applications that require low and high technology.

Course Code	Lesson First Name (T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE212	Preparation of (2,0,0) Individualized Education and Transition Plans	2	2	Compulsory

Individualized education plans (IEP); Elements of the BEP ; Legal basis of BEP ; IEP and school programs (preschool, primary education programs); measurement tools and detailed evaluation; goals: short- and long-term goals; identification of placement and related additional special education services; establishing and sequencing teaching objectives and teaching steps; identifying teaching processes and recording progress; all service plans; definition, importance and examples of individualized family service plans (BAHP) for individuals with special education needs in the 0-3 age period; transition plans: definition and importance; types of transitions: hospital-to-home, home-to-institution, institution-to-organization; examples and development of different transition plans; BAHP, IEP and transition plan adaptations and considerations for individuals with special education needs; Monitoring and evaluation of BEP , BAHP and transition plans.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE210	Braille Literacy	(2,0,0)	2	2	Compulsory

Braille writing system; Tools and equipment used in the Braille writing system; Reading and writing in Braille alphabet, reading and writing using one-letter, two-letter, syllable and root abbreviations; relief math and science symbols.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS216	Special education Observation in Institutions	(1.4,0)	3	5	Compulsory

Gaining school experience in public institutions and classrooms where special education services are provided ; making observations; observing educational, behavioral and developmental practices in the institution and in the classroom; observing academic and non-academic behavior of children; sharing and discussing observations; discussion about problems and suggestions that may be encountered in the institution and in the classroom.

V. Semester

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS301	Turkish Education System and School Management	(2,0,0)	2	3	Compulsory

The formation of education systems and the structure of the Turkish education system; Basic laws regulating the Turkish education system; Central, provincial and foreign organization of the Ministry of National Education; Educational levels in the Turkish education system; Manpower, physical, technological and financial resources in the Turkish education system; Reform and innovation initiatives in the Turkish education system; organization-management theories and processes; school as a social system and organization; human resource management; student personnel affairs; jobs related to education and training; school management jobs; school, environment, community and family relations; Current discussions and trends about Turkish education system and school.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS303	Measurement and Evaluation in Education	(2,0,0)	2	3	Compulsory

The place and importance of measurement and evaluation in education; basic concepts of measurement and evaluation ; psychometric (validity, reliability, usefulness) properties of measurement tools ; development and implementation of achievement tests; interpreting test results and giving feedback; analysis of test and item scores; evaluation and grading.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY313	Early Intervention Programs	(2,0,0)	2	4	Optional

development in early childhood; features of early childhood ; approaches in early intervention; types of early intervention programs: home-based, home-based and institution-based early intervention programs; early intervention program features; international and national early intervention programs for intellectual disability; Current early intervention programs in Turkey (Little Steps, PORTAGE, GEDEP, ETEÇOM etc.).

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY311	Teaching Business and Vocational Skills	(2,0,0)	2	4	Optional

Business and professional skills; prevalence of employment of individuals with special needs; characteristics of work and professional skills; teaching job and vocational skills to individuals with special needs; approaches to teaching work and vocational skills; methods of teaching business and vocational skills; sample applications related to teaching job and vocational skills; preparing a transition plan for teaching business and vocational skills; gaining the necessary skills related to work

and profession; preparing individuals with special needs for work and occupation; placing individuals with special needs in work and occupation.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE301	Literacy Teaching in Special Education	(3,0,0)	3	4	Compulsory

Definition and structure of reading and writing; literacy characteristics of individuals with special education needs; approaches to reading preparation programs; assessing reading readiness and supporting reading readiness; teaching writing mechanics; evaluation of functional literacy and teaching of functional literacy: sound based literacy teaching, sentence based literacy teaching, syllable based literacy teaching, word based literacy teaching, adaptations that can be made for literacy in inclusive classroom; specific literacy teaching techniques/strategies in groups with different special educational needs, scientifically based practices in literacy teaching; The process of adapting literacy teaching to groups with special educational needs.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE303	Teaching Science and Social Studies in Special Education	(3,0,0)	3	3	Compulsory

Teaching methods used in science teaching; examining themes in science; sorting the topics; determining the necessary concepts for gaining the subjects and developing criteria-dependent measurement tools based on these concepts; preparing lesson plans according to students' levels; exemplary teaching practices; adapting science teaching to students with special educational needs; teaching methods used in social studies teaching; examining themes in social studies (units, specific days and weeks, etc.); logical ordering of topics; developing criteria-dependent measurement tools related to the concepts based on the determination of the necessary concepts for gaining the subjects; preparing lesson plans according to students' level; exemplary teaching practices; adapting social studies teaching to students with special educational needs.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE305	Teaching Mathematics in Special Education	(3,0,0)	3	3	Compulsory

Evaluation of mathematical skills and concepts; mathematics teaching and planning; layered instruction and direct instruction approaches; developing problem-solving skills; applying the mathematics program, teaching counting, addition, subtraction, multiplication, division; error types and analysis in mathematics teaching; teaching functional math skills: measures of value (money), time, length and weight; ways of teaching geometry concepts and skills; adaptations that can be made for teaching mathematics in the inclusive classroom; specific mathematics teaching techniques/strategies for groups with special educational needs; scientifically based applications in mathematics teaching; adapting mathematics teaching to different special education groups.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE311	Teaching Artistic Skills in Special Education	(2,0,0)	2	3	Compulsory

Basic concepts of artistic skills; line development in the child in the normal development process, features of line development; line development and features in children with special educational needs; teaching methods that can be used in teaching artistic skills (painting-work); adapting teaching methods that can be used in teaching artistic skills (painting-work) to students with special educational needs; teaching different artistic skills: painting with watercolor, cutting with scissors, printing, spraying, origami and candle making, making masks, puppets and bracelets; developing a measurement tool to evaluate and gain artistic skills in children; preparing instructional plans; development and application of teaching practice examples.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE313	Physical Education and Sports in Special Education	(2,0,0)	2	3	Compulsory

Basic concepts: disorder, disability, disability, causes, prevention, physical education and sport; physical education and sports characteristics of individuals with different special education needs; measuring and evaluating physical education and sports characteristics of individuals with special education needs; planning and making programs to support physical education and sports features of individuals with special education needs; instructional approaches that can be used in physical education and sports ; the process of adapting physical education and sports to individuals with special educational needs.

VI. Semester

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS312	Ethics and Ethics in Education	(2,0,0)	2	3	Compulsory

Basic concepts and theories about morality and ethics; ethical principles, ethical rules, business and professional ethics/ethics; the teaching profession with its social, cultural, moral and ethical aspects; the right to education and learning ethical principles in education, training, learning and evaluation; ethical principles in relations with education stakeholders (employers/managers, colleagues, parents, professional organizations and society); moral/ethical responsibilities of education/school administrators, parents and students; unethical behavior in business and professional life; Ethical regulations regarding public administration, education and teachers in Turkey; unethical behaviors in school and education, ethical dilemmas, problems and solutions; moral/ethics education at school and ethics committees; school principal and teacher as a moral/ethical leader.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS304	Classroom Management	(2,0,0)	2	3	Compulsory

Basic concepts related to classroom management; physical, social and psychological dimensions of the classroom; classroom rules and discipline in the classroom; models of classroom discipline and management; management of student behavior in the classroom, the process of communication and interaction in the classroom; student motivation in the classroom; time management in the classroom; the teacher as an instructional leader in the classroom; management of teacher-parent meetings; creating a positive classroom and learning climate; Case studies on classroom management according to school levels.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB310	Error-Free Teaching Methods	(2,0,0)	2	4	Optional

The basic philosophy of error-free teaching; response hinting methods: teaching with simultaneous prompting, teaching with a fixed delay, teaching with gradual assistance, teaching with increasing delay time, teaching with increasing hinting, teaching by decreasing the hint, stimulus adaptations: teaching by shaping the stimulus, teaching by stimulus fading; planning teaching with error-free teaching methods ; data collecting.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY312	Transitioning from Mental Disability to Adulthood	(2,0,0)	2	4	Optional

Transition to social life, individuals with intellectual disability and their families, non-governmental organizations serving adults, development of professional skills, acquisition of basic job skills, employability skills, separation from family, leisure time activities, planning of transition to independent life.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE302	Teaching Social Adaptation Skills in Special Education	(3,0,0)	3	4	Compulsory

Basic concepts, basic skills, adaptation skills and social adaptation skills; definition of social skills, basic skills, social skills and practical skills; assessment and teaching of basic skills: functional literacy, knowing numbers, money, time; social skills development in individuals with special educational needs; social and emotional intelligence in individuals with special educational needs; elements that make up social skills; the importance of social skills in daily and business life and in the social adaptation process; assessment and teaching of social skills: interpersonal relations, social responsibility, self-confidence, social problem solving, obeying rules; assessment and teaching of practical skills: daily life- self-care skills; deciding which social cohesion skills are appropriate for students with special education needs; preparing assessment tools for the acquisition of social adaptation skills; teaching environments and methods; teaching teaching; ensuring the continuity and generalization of the acquired skills .

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE304	Turkish Teaching in Special Education	(2,0,0)	2	3	Compulsory

Activities related to the development of literacy and understanding the value of reading for students with special education needs; vocabulary development; grammar teaching; writing process, types of written texts, preparing activities related to written expression skills; definition of reading skills and strategies, application of skills and strategies in text analysis; importance of individualized reading

instruction: its implementation and evaluation; critical reading; creative writing; reading text analysis methods; studies to develop listening skills; specific literacy improvement techniques/strategies in groups with special educational needs.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE306	Games and Music in Special Education	(2,0,0)	2	2	Compulsory

Basic concepts: game and music; definition and importance of the game; theoretical explanations of the game; play development and features in children: cognitive and social play development; play development and play features in children with special education needs; teaching through play in special education; use and adaptation of play with children with special educational needs; game-based instructional practices/activities; developmental areas that can be supported through play; practices for embedding teaching into the game; research results on the effective use of games in special education; definition and importance of music; development and characteristics of music; musical characteristics of students with special education needs; teaching through music in special education; use and adaptation of music with children with special educational needs; music-based instructional practices/activities; developmental areas that can be supported through music; practices for embedding teaching in music; Research results on the effective use of music in special education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE308	Family Education in Special Education	(2,0,0)	2	2	Compulsory

The concept of family; family systems theories; adaptation phases of families of students with special education needs; the importance of family participation in the education of children with special educational needs, its theoretical and legal bases, the rights and responsibilities of families in laws; participation of families in the educational process of students with special educational needs; assessment of the student; family involvement in individualized family education plan (BAHP), individualized education plan (IEP) and transition plans; providing families with teaching skills; preparation, implementation and evaluation of institution, home and institution-home-centered family education programs.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS316	School and Institution Experience in Special Education	(1,4,0)	3	5	Compulsory

Gaining school experience in institutions where special education services are provided; participation in education and training services; planning special education preparatory studies ; collaborating with classroom teachers, counselors and others in educational settings; classroom management in educational settings; making instructional adaptations; conducting teaching; realizing in-class presentations of the applications carried out; Developing and implementing suggestions for the problems encountered.

VII. Semester

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS41	Teaching Practice in Special Education 1	(2,6,0)	5	10	Compulsory

Preparing and implementing a behavior change program, keeping an anecdotal record, converting an anecdotal record to an ABC record, determining a student's behavior to be changed from the records kept, deciding on a change technique, applying the chosen behavior change technique, keeping a diary about its application, behavior change practice result report as a result of the practice. writing, determining what students can do with the measurement tools he prepared, teaching skills, keeping records about his teaching, making permanence and generalization studies and graphical representation of the records.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS462	Drama in Education	(2,0,0)	2	4	Optional

drama and creative drama (drama, creativity, creative drama, play and theater pedagogy, communication-interaction, role playing, improvisation, action, dramatic play, children's theater, puppetry, pantomime etc.) ; stages, dimensions and elements of creative drama ; role playing and improvisation; history of creative drama ; relationship between social events and creative drama; application steps of drama in education ; resources that can be used in drama in education ; preparation and implementation of creative drama lesson plan; Contribution of drama to individual and social development.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
MEB411	Project Preparation in Education	(2,0,0)	2	4	Optional

Project concept and project types; curricula and project-based learning; project programs in schools (TUBITAK, EU and others); topic selection for the project; literature review; logical framework in the project; planning and management of the project; application of the scientific method in the project; project report preparation and development; finalize the project report; project evaluation and review of good practices; project presentations, poster and brochure design techniques.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY405	Interdisciplinary Study and Cooperation in Mental Disability	(2,0,0)	2	4	Optional

Intellectual disability and other related areas; interdisciplinary fields of study cooperation concepts; team members and features in collaboration; the necessity and importance of cooperation; basic principles in teamwork; teamwork theories; Interdisciplinary working situation in Turkey; Teamwork in Turkey; assessment of current issues; solutions to current problems.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖY407	Creative Thinking Training	(2,0,0)	2	4	Optional

Creativity definitions and theories: creativity myths, definitions of creativity, types and degrees of creativity, relationship between creativity and intelligence, theories of creativity; development of creativity: cognitive and personality characteristics of creative people, factors hindering creativity, development of creativity in children, characteristics of creative children, relationship between creativity and family, time and age; development of creativity and creative thinking techniques: cognitive, emotional, attitudinal, interpersonal and environmental dimensions that improve creativity, techniques that improve creative thinking skills.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
ÖZE405	Material Design in Special Education	(1,2,0)	2	4	Compulsory

Designing tools and materials for students with special education needs, planning sample applications, using instructional technologies for concept teaching and material design (preparing an evaluation form, choosing a concept based on evaluation, making concept analysis, preparing concept teaching material), social using instructional technologies for skill teaching and designing materials (preparing and applying an assessment form, choosing a social skill based on the assessment, preparing tools for the skill to be taught).

VIII. Semester

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS412	Teaching Practice in Special Education II	(2,6,0)	5	10	Compulsory

Teaching the skills determined in concepts, skills, games and academic fields, keeping records of his teaching, making permanence and generalization studies and graphical representation of the records, preparing and implementing a behavior change program, keeping an anecdotal record, converting an anecdotal record to an ABC record, one of the records he kept, determining a behavior to be changed by the student, deciding on a change technique, applying the chosen behavior change technique, keeping a diary about the application, writing a result report on the behavior change application as a result of the application. MB Guidance in Schools, Guidance and Psychological Counseling (RPD) services in education; philosophy, purpose, principles and program of the developmental guidance model (comprehensive developmental RPD program); essential services/interventions; role and function of teachers in classroom guidance; Competencies to be gained in educational, vocational, personal and social areas within the scope of RPD services; cooperation between school administrators and teachers, guidance counselor and psychological counselor; Preparation and implementation of classroom RPD plans and programs.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS404	Guidance in Schools	(2,0,0)	2	3	Compulsory

The place of guidance and psychological counseling (RPD) services in education; philosophy, purpose, principles and program of the developmental guidance model (comprehensive developmental RPD program); essential services/interventions; role and function of teachers in classroom guidance; Competencies to be gained in educational, vocational, personal and social areas within the scope of RPD services; cooperation between school administrators and teachers, guidance counselor and psychological counselor; Preparation and implementation of classroom RPD plans and programs.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS461	Comparative Education	(2,0,0)	2	4	Optional

Definition, scope and history of comparative education; method and research in comparative education; comparison of education systems of different countries in terms of structure, functioning, school levels, human resources, education financing, education privatization, policy making in education , planning and implementation; gender, social justice and equality in education in different countries; reform and innovation initiatives in education in different countries; teacher and education/school administrator training systems in different countries; globalization and internationalization in education ; international examinations, institutions and organizations related to education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS402	Community Service Practices	(1,2,0)	2	3	Compulsory

Society, community service practices and social responsibility concepts; social responsibility projects in terms of social and cultural values; identifying current societal problems; preparing projects for the solution of identified social problems; voluntarily taking part in social responsibility projects individually and as a group; participating in social responsibility projects in various institutions and organizations; participating in scientific events such as panels, conferences, congresses, symposiums as audience, speaker or organizer; Evaluating the results of social responsibility projects.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY406	Supporting Vision Skills	(2,0,0)	2	4	Optional

Strategies for planning and assessing the visual function of children and adults with low vision; functional vision assessment tool and sample functional vision assessment; environmental and educational adaptations according to functional vision assessment results; reporting the functional vision evaluation result ; providing information and suggestions to the student's teacher/other experts and the family; creating an educational support plan for home/school/outdoor environments to support students with low vision; implement the support plan.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY410	Multiple Disabilities and Education	(2,0,0)	2	4	Optional

Multiple disabilities; prevalence of multiple disabilities; characteristics of children with multiple disabilities; cognitive characteristics of children with multiple disabilities; behavioral characteristics of children with multiple disabilities; emotional characteristics of children with multiple disabilities; education of children with multiple disabilities; educational settings for children with multiple disabilities; children with multiple disabilities and inclusion; teaching academic skills to children with

multiple disabilities; planning the teaching of children with multiple disabilities; preparing a teaching plan for children with multiple disabilities.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
OZE406	Special Education Policies and Legal Regulations	(2,0,0)	2	2	Compulsory

History of policies and legal regulations for disabled people and special education in Turkey; national policies and regulations for persons with disabilities and special education; international policies and legal regulations for people with disabilities and special education; Turkey being a party to international conventions; the importance of legal regulations in the world in terms of disabled individuals, special education practices and regulations in Turkey; general paradigm shift for people with disabilities; the gap between policy, regulation and practice.

MB VOCATIONAL ELECTIVE COURSES

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS 421	Open and Distance Learning	(2,0,0)	2	2	Optional

Basic concepts and philosophy of open and distance learning; development of distance education in the world; Development of distance education in Turkey; learner and guide roles in distance education; technologies used in distance education; management of open and distance education; classroom management and its components in open and distance learning; open educational resources and trends in the world; massive open online courses; personalized learning environments; problems related to open and distance education and their solutions; open and distance education practices in teacher training; individual teaching material development and student support services in open and distance education; determining instructional strategies for different learning situations; research and evaluation in distance education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS 422	Child Psychology	(2,0,0)	2	2	Optional

Basic concepts, history and methods of child psychology; prenatal development; developmental areas and characteristics of infancy; early childhood development areas and characteristics; recent childhood development areas and features; child within the family structure; child within the school system; childhood adjustment and behavior problems; children with special needs.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS423	Education Law	(2,0,0)	2	2	Optional

Basic concepts of law and administrative law; sources of administrative law ; rights and duties in management; Convention on the Rights of the Child and the Declaration of Human Rights; administrative and judicial supervision of teachers; Basic laws establishing and regulating the Turkish Education System; duties, rights and responsibilities of education stakeholders.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS424	Educational Anthropology	(2,0,0)	2	2	Optional

Subject, basic concepts, history and method of anthropology; basic approaches in social-cultural anthropology; anthropological education and basic concepts of educational anthropology: Culture, acculturation, acculturation, adaptation, subculture, counterculture, common culture etc.; cultural foundations and functions of education; intercultural differentiation, education and learning; school as a living space, school cultures and ethnographies ; media, mass media, popular culture and education; globalization, cultural interaction, cultural literacy and education; Education in oral and written literary works in the history of Turkish culture and civilization; The roles of parents and children in Turkish family structure.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS425	Education History	(2,0,0)	2	2	Optional

Education in Antiquity (Ancient Egypt, Mesopotamia, Anatolian, Indian, Chinese, Ancient Greek and Roman civilizations); Education in Eastern, Western and Islamic societies in the Middle Ages and the New Age; Renaissance, Reformation, Enlightenment and education; Education in the Industrial Age and the Modern Period; The relations of Islamic culture and civilization with Western civilization; the emergence of national/nation-states and the development of national education systems; post-modern society discussions and education; Fundamental changes and transformations in education in the world since ancient times.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS462	Drama in Education	(2,0,0)	2	2	Optional

drama and creative drama (drama, creativity, creative drama, play and theater pedagogy, communication-interaction, role playing, improvisation, action, dramatic play, children's theater, puppetry, pantomime etc.) ; stages, dimensions and elements of creative drama ; role playing and improvisation; history of creative drama ; relationship between social events and creative drama; application steps of drama in education ; resources that can be used in drama in education ; preparation and implementation of creative drama lesson plan; Contribution of drama to individual and social development.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS426	Extracurricular Activities in Education	(2,0,0)	2	2	Optional

Formal curriculum and extracurricular activities/hidden curriculum concepts in education ; approaches to hidden curriculum ; cognitive and affective learning and hidden curriculum; school as a place of ritual; school ceremonies as extra-curricular activities at school; the importance and management of social, cultural, sportive and artistic activities at school; the place and importance of the hidden curriculum in values education; extracurricular activities (commemoration, celebration, meeting, graduation, etc.) in terms of values education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
MEB411	Curriculum Development in Education	(2,0,0)	2	2	Optional

Basic concepts of program development; theoretical foundations of curriculum development; types of programs; philosophical, social, historical, psychological and economic foundations of curricula; Curriculum development and features of curricula; phases of program development; the core elements of the program (objective, content, process, evaluation) and the relationships among the elements; classification of objectives and their relationship to program elements; content editing approaches; identifying training needs; program development process and models; curriculum design approaches; program evaluation models; program literacy; duties and responsibilities of teachers in the development of curricula; Features of MEB curricula; implementation of curricula; new approaches and directions in curriculum development in the world and in Turkey.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
MEB413	Project Preparation in Education	(2,0,0)	2	2	Optional

Project concept and project types; curricula and project-based learning; project programs in schools (TUBITAK, EU and others); topic selection for the project; literature review; logical framework in the project; planning and management of the project; application of the scientific method in the project; project report preparation and development; finalize the project report; project evaluation and review of good practices; project presentations, poster and brochure design techniques.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS426	Critical and Analytical Thinking	(2,0,0)	2	2	Optional

Basic concepts and definitions; brain as thinking organ, ways of thinking and grouping of thinking; involuntary thinking and its features; voluntary thinking and its characteristics; methods of voluntary thinking; critical and analytical thinking; basic features and criteria of critical and analytical thinking, stages of critical and analytical thinking; factors affecting critical and analytical thinking; scope of

critical and analytical thinking; critical and analytical reading; critical and analytical listening; critical and analytical writing.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS427	Education of Hospitalized Children	(2,0,0)	2	2	Optional

Developmental characteristics, interests and needs, mental states of hospitalized children according to age groups; interaction between hospital staff, child and family; hospital preparatory education, diagnosis, treatment and preparation for surgery; games, music, art, drama, mathematics, story, etc. for hospitalized children. preparing and implementing an activity plan; Interaction between hospital schools and terminally ill children, their families and staff.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS428	Inclusive Education	(2,0,0)	2	2	Optional

Inclusivity and its content; inclusive education: definition, content and importance; legal basis for inclusive education; national and international legislation; approaches and standards in inclusive education; teacher roles in inclusive education; inclusive curriculum and materials; attitudes and values in inclusive education; inclusive school and classroom; preparing an action plan for inclusive education; inclusive education practices: characteristics that differentiate students, effective communication, language used, psycho -social support, differentiation of teaching and examples, methods and techniques, planning teaching, inclusiveness in course materials and selection of inclusive activities; lesson design applications.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS429	Character and Value Education	(2,0,0)	2	2	Optional

Conceptual framework: Character, personality/personality, value, virtue, morality, temperament, etc.; character development and education; family, environment and school in character development and education; definition and classification of values; the sources of values and their individual, social, cultural, religious, moral foundations; character and value education approaches and practices; intercultural differentiation and coexistence culture in character and value education; character and value education in terms of educational philosophy and goals; teaching methods and techniques in character/value education; the crisis of values and education in modern and multicultural societies; value education in the human-cultural development process; Examples of values education from Turkish education and cultural history, values education practices and researches in Turkey; teacher as a role model in character and value education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS461	Comparative Education	(2,0,0)	2	2	Optional

Definition, scope and history of comparative education; method and research in comparative education; comparison of education systems of different countries in terms of structure, functioning, school levels, human resources, education financing, education privatization, policy making in education , planning and implementation; gender, social justice and equality in education in different countries; reform and innovation initiatives in education in different countries; teacher and education/school administrator training systems in different countries; globalization and internationalization in education ; international examinations, institutions and organizations related to education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS430	Micro Teaching	(2,0,0)	2	2	Optional

Basic concepts and principles of effective teaching and learning; teachers' professional competence, attitudes, roles and behaviors; lesson plan preparation; scope, benefits and limitations of microteaching method; preparing active learning activities appropriate to the subject; exemplary lecture practices in the classroom; video recording of lecture presentations; evaluation of the course using the recordings; development of prepared activities and lectures.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS431	Museum Education	(2,0,0)	2	2	Optional

Definition and characteristics of the museum, exhibition in museums; museum and museum education; types of museums; The development of Turkish museology; an overview of the history of museology in the world; the relationship between museum, art, culture and civilization; museum and art education; museum and society; the contribution of museums to historical consciousness; protecting historical artifacts; Contemporary museology in the world and in Turkey.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS432	Out of School Learning Environments	(2,0,0)	2	2	Optional

Out-of-school education and learning concepts; scope and importance of out-of-school learning; teaching in out-of-school settings; teaching methods, techniques (project-based learning, station technique, etc.) and teaching materials suitable for out-of-school learning environments; out-of-school learning environments (museums, science centers, zoos, botanical gardens, planetariums, industrial establishments, national parks, science festivals, science camps, natural environments, etc.);

development of out-of-school learning areas and environments; planning, implementation and evaluation of out-of-school learning activities.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS433	Individualizing and Adapting Teaching	(2,0,0)	2	2	Optional

The concept of individualization and its importance in education; things to be done for individualization: curriculum-based evaluation, rough evaluation, criterion-dependent measurement tool preparation, rules to be followed in evaluation; determining long-term and short-term teaching goals; arrangements that can be made in classrooms and schools for inclusion/integration; adapting teaching ; Examples of individualization and adaptation in inclusion/integration classes.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS434	Sustainable Development and Education	(2,0,0)	2	2	Optional

The concept of sustainability and its usage areas; sustainability in social and natural sciences; sustainability in the context of social change; education and sustainability; the future of humanity and sustainability; immigration, poverty and inequality; sustainable environment; ecology, global environmental issues and sustainability; sustainable society in harmony with nature; population, economic system and natural environment; technological developments, consumption habits and environment; social responsibility studies, sustainability in terms of tangible and intangible cultural heritage; rethinking human-nature relations on the axis of sustainability.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
EDS435	Adult Education and Lifelong Learning	(2,0,0)	2	2	Optional

Definition and scope of adult education; concepts related to adult education (continuing education, public education, non-formal education, vocational education etc.); Historical development of adult education in Turkey; approaches and models in adult education; adults and learning; purpose, scope and historical development of lifelong learning; Lifelong learning practices in Turkish education system.

AE FIELD EDUCATION ELECTIVE COURSES

Credit	ECTS
2	4

- In the Special Education Teaching program, there are six elective courses in total, namely Intellectual Disability, Autism Spectrum Disorder, Learning Disability, Special Talent, Hearing Impairment and Visual Impairment.
- Each student must take at least one course from each field elective pool.
- Students must take a total of at least seven elective courses related to the fields they want to specialize in, according to their interests and wishes.

ELECTIVE COURSE CONTENTS IN THE FIELD OF MIND DEFICIENCY

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY410	Multiple Disabilities and Education	(2,0,0)	2	2	Optional

Multiple disabilities; prevalence of multiple disabilities; characteristics of children with multiple disabilities; cognitive characteristics of children with multiple disabilities; behavioral characteristics of children with multiple disabilities; emotional characteristics of children with multiple disabilities; education of children with multiple disabilities; educational settings for children with multiple disabilities; children with multiple disabilities and inclusion; teaching academic skills to children with multiple disabilities; planning the teaching of children with multiple disabilities; preparing a teaching plan for children with multiple disabilities.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY211	Adolescence and Sex Education	(2,0,0)	2	2	Optional

The nature of adolescence; physical changes in adolescence; psychological changes in adolescence; emotional changes in adolescence; mental changes in adolescence; adolescent health; health problems in adolescence; adolescent cognition; Piaget's theory; information processing process; sexual development; sex education; sexual development characteristics of adolescents with intellectual disability; Sex education practices for adolescents with intellectual disabilities.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY313	Early Intervention Programs	(2,0,0)	2	2	Optional

development in early childhood; characteristics of early childhood ; approaches in early intervention; types of early intervention programs: home-based, home-based and institution-based early intervention programs; early intervention program features; international and national early intervention programs for intellectual disability; Current early intervention programs in Turkey (Little Steps, PORTAGE, GEDEP, ETEÇOM etc.).

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY311	Teaching Business and Vocational Skills	(2,0,0)	2	2	Optional

Business and professional skills; prevalence of employment of individuals with special needs; characteristics of work and professional skills; teaching job and vocational skills to individuals with special needs; approaches to teaching work and vocational skills; methods of teaching business and vocational skills; sample applications related to teaching job and vocational skills; preparing a transition plan for teaching business and vocational skills; gaining the necessary skills related to work and profession; preparing individuals with special needs for work and occupation; placing individuals with special needs in work and occupation.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY405	Interdisciplinary Study and Collaboration at ZY	(2,0,0)	2	2	Optional

Intellectual disability and other related areas; interdisciplinary fields of study cooperation concepts; team members and features in collaboration; the necessity and importance of cooperation; basic principles in teamwork; teamwork theories; Interdisciplinary working situation in Turkey; Teamwork in Turkey; assessment of current issues; solutions to current problems.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY212	Concept Teaching in ZY	(2,0,0)	2	2	Optional

Defining the concept; types of concepts ; benefits of concepts; children's learning of the concept; elements of concept teaching; Points to be considered in concept teaching; methods used in concept teaching; direct instruction model; error-free teaching; simultaneous prompt teaching; evaluation and planning in concept teaching; applying concept teaching.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY312	Instructional Adaptations in ZY	(2,0,0)	2	2	Optional

Learning styles of children with intellectual disabilities; the concept of individualization and its importance in education; what needs to be done for individualization; adapting teaching; adaptations to the content of the teaching; adaptations to the delivery of instruction; examples of individualization and adaptation in special education classrooms and schools; examples of individualization and adaptation in inclusion/integration classes; examples of adaptation for academic and non-academic fields.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY341	Social Skills Teaching in ZY	(2,0,0)	2	2	Optional

Defining social skill; the importance of social skills ; benefits of social skills; learning social skills; elements of social skills teaching; Points to be considered in social skills teaching; methods used in social skills teaching; preparation for social skills teaching; planning social skills instruction; drafting social skills teaching; practice social skills teaching.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY342	Technology Supported Teaching in ZY	(2,0,0)	2	2	Optional

Technology-supported applications for academic skills of students with intellectual disabilities: applications for reading, writing, and mathematics skills; Technology-supported applications for non-academic skills in students with intellectual disability: social skills, daily life skills; the use of different technological tools with students with intellectual disabilities; Examples of applying technological tools such as smart boards, desktops, laptops, tablets, and smart phones to technology-assisted teaching for students with intellectual disabilities.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SZY343	in ZY Transition to Adulthood	(2,0,0)	2	2	Optional

Transition to social life, individuals with intellectual disability and their families, non-governmental organizations serving adults, development of professional skills, acquisition of basic job skills, employability skills, separation from family, leisure time activities, planning of transition to independent life.

ELECTIVE COURSE CONTENTS IN THE FIELD OF AUTISM SPECTRUM DISORDER (OSD)

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB344	Natural Teaching and Process Application	(2,0,0)	2	2	Optional

The nature and features of natural teaching; theoretical foundations of natural teaching; benefits and limitations; natural teaching strategies; environmental regulations; opportunity teaching; the demanding approach; natural language paradigm; planning natural education; data collection in natural teaching; working with families; natural teaching process in early intervention programs: basic response teaching, interaction-based early childhood intervention program, Denver early initiation model.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB345	Intermediate and Advanced OSB Education	(2,0,0)	2	2	Optional

Applications for children with autism spectrum disorder: comprehensive applications, focused applications; comprehensive application models: features, comprehensive application examples based on applied behavior analysis, comprehensive application examples based on developmental relationship, other comprehensive application examples; early intensive behavioral intervention program: characteristics, scope, teaching methods, application, results; Comprehensive application models based on applied behavior analysis in Turkey: OÇİDEP example, PCDI example; focused applications: properties, science-based applications, promising scientific -based applications, non-scientific-based applications.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB346	Alternative Communication Methods for OSB	(2,0,0)	2	2	Optional

Concept of communication and elements of communication; communication features and problems specific to autism spectrum disorder; problems with receptive language; problems with expressive language; alternative communication systems: alternative communication methods that do not require technology, low and high technology; sign systems; visual support systems; contact folder; communication board; writing board; alternative communication systems; visual charts; object mapping; photo, written activity charts.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB347	Behavior Management in OSB	(2,0,0)	2	2	Optional

Autism spectrum disorder and behavior management approaches: applied behavior analysis and cognitive behavioral approach; behavior, characteristics and functions of behavior; behavioral problems specific to autism spectrum disorder; common behavioral problems: uncooperativeness, tantrums, stereotypical behavior, self-harm; rare behavioral problems: sleep disorders, refusal to eat and others; coping with behavioral problems : premise-based strategies; result-based strategies.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB348	Interdisciplinary Working and Cooperation in OIZ	(2,0,0)	2	2	Optional

Autism spectrum disorder and other related areas; interdisciplinary fields of study cooperation concepts; team members and features in collaboration; the necessity and importance of cooperation; basic principles in teamwork; teamwork theories; Interdisciplinary working situation in Turkey; Teamwork in Turkey; assessment of current issues; solutions to current problems.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB349	Social Skills Teaching in OIZ	(2,0,0)	2	2	Optional

Social skills concepts; concepts related to social competence ; social competence and social skills; social skills deficiencies; assessment of social skills; autism spectrum disorder and social skills; methods used in social skills teaching; preparing a program in social skills teaching; application examples; ensuring permanence and generalization.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB350	Technology Supported Education in OIZ	(2,0,0)	2	2	Optional

Technology-supported applications for academic skills in students with autism spectrum disorder: applications for reading, writing, math skills; Technology-supported applications for non-academic skills in students with autism spectrum disorder: social skills, daily living skills; use of different technological tools with students with autism spectrum disorder; Examples of applying technological tools such as smart boards, desktops, laptops, tablets, and smartphones to technology-assisted teaching for students with autism spectrum disorder.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB351	Gaining Basic Skills in OIZ	(2,0,0)	2	2	Optional

autism spectrum disorder; basic skills for individuals with autism spectrum disorder; teaching basic skills in autism spectrum disorder: teaching matching skills, teaching classification skills, teaching basic imitation skills, teaching two-step imitation skills, teaching basic receptive language skills, teaching two-digit receptive language skills, teaching joint attention skills, teaching expressive language skills; Methods and techniques in teaching basic skills: discrete essay teaching, basic response teaching, reinforcement, hinting, error correction.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB310	Error-Free Teaching Methods	(2,0,0)	2	2	Optional

The basic philosophy of error-free teaching; response hinting methods: teaching with simultaneous prompting, teaching with a fixed delay, teaching with gradual assistance, teaching with increasing delay time, teaching with increasing hinting, teaching by decreasing the hint, stimulus adaptations: teaching by shaping the stimulus, teaching by stimulus fading; planning teaching with error-free teaching methods ; data collecting.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOB352	High-Function OSB Training	(2,0,0)	2	2	Optional

Characteristics of individuals with high-functioning autism spectrum disorder; methods used in teaching individuals with high-functioning autism spectrum disorder; teaching with video modeling ; peer teaching; natural teaching methods; opportunity teaching, fading lines; teaching with social stories; self-management strategies; goal setting, pre-stimulation, self-monitoring, self-evaluation, self-direction, self-reinforcement.

ELECTIVE COURSE CONTENTS IN THE FIELD OF LEARNING DIFFICULTIES

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG204	Attention Deficit Hyperactivity Disorder	(2,0,0)	2	2	Optional

Basic concepts; individuals with attention deficit, symptoms of attention deficit, parent approaches in attention deficit, teacher approaches in attention deficit, hyperactivity , hyperactive child, signs of hyperactivity , diagnosis, approach to hyperactive child at home and at school, ways of working with hyperactive children and treatment process.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG205	Math Difficulty: Diagnosis and Intervention	(2,0,0)	2	2	Optional

learning disability and mathematics; mathematics development; causes of math difficulties; signs of math difficulty; assessment of math difficulty; assessment tools; research-based intervention methods for math difficulties; classroom adaptations; example applications.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG206	Reading Difficulty: Diagnosis and Intervention	(2,0,0)	2	2	Optional

Learning disability and reading; reading difficulties and their symptoms; assessment of reading difficulties; word recognition and reading development; accurate and fast reading; reading comprehension; vocabulary and its importance; research-based methods for reading difficulties; classroom adaptations; example applications.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG207	Learning Strategies for LD	(2,0,0)	2	2	Optional

Specific learning difficulties and learning problems; learning and strategies to support learning; teaching learning strategies; motivational strategies; attention-enhancing strategies; strategies to improve recall; time management strategies; strategies for organizing information; exam/test strategies; listening and note-taking strategies; self-regulation strategies; example applications.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG208	OD and Behavioral Disorders	(2,0,0)	2	2	Optional

Behavioral problems observed in learning difficulties; relationship between emotional behavior disorder and learning disability; holistic assessment in behavior problems; behavior modification approaches and techniques in children with learning disabilities; the effect of academic, social and psychological support on behavioral problems; cooperation between school, family and environment in the intervention of behavioral problems.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG209	Supporting Non-Academic Skills in LD	(2,0,0)	2	2	Optional

Basic concepts, basic concepts related to learning and characteristics of learning, stages and characteristics of learning, basic concepts related to skill teaching (skill analysis preparation, evaluation, etc.) and features, basic concepts and features of direct teaching method, progressive assisted teachingand features; teaching methods and features used in natural environment; self-care and independent living skills and characteristics; social skills and characteristics; job and professional skills and characteristics; ways to ensure family involvement in skills teaching; teaching with video technology and its features

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG210	Support Training Programs in ÖG	(2,0,0)	2	2	Optional

Support education programs developed to support the academic skills of children with learning disabilities; developed support education programs to support the non-academic skills of children with learning disabilities; elements of support education programs ; Scientific studies on support education programs.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG211	Interdisciplinary Study and Cooperation in ÖG	(2,0,0)	2	2	Optional

Learning Disabilities and other related areas; interdisciplinary fields of study cooperation concepts; team members and features in collaboration; the necessity and importance of cooperation; basic principles in teamwork; teamwork theories; Interdisciplinary working situation in Turkey; Teamwork in Turkey; assessment of current issues; solutions to current problems.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG212	Early Intervention and Evaluation in OD	(2,0,0)	2	2	Optional

Early childhood symptoms of learning disabilities; risk factors and developmental support; early literacy skills and early intervention; delay in language skills and early intervention; delay in physical

activities and early intervention; examples of early intervention programs for children at risk for learning difficulties; Things to do before diagnosis in primary school; response model to intervention; assessment for learning disabilities.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖG213	Writing Difficulty: Diagnosis and Intervention	(2,0,0)	2	2	Optional

learning disability and writing; writing development; written expression; causes of writing difficulties; symptoms of writing difficulties; assessment of writing difficulties; assessment tools; research-based intervention methods for writing difficulties; classroom adaptations; example applications.

ELECTIVE COURSE CONTENTS IN SPECIAL TALENT (SPE)

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖY408	Critical Thinking Training	(2,0,0)	2	2	Optional

Thinking skills: spiral thinking model, developmental thinking process, complex thinking strategies; thinking and teaching: thinking and curriculum; questions as a teaching tool, class discussions, self-assessment in improving teaching skills; teaching skills development models; critical thinking strategies: theoretical and philosophical background of strategies, concept development, data interpretation, adaptation of generalizations, conflict resolution.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOY409	Family Participation in ÖY Training	(2,0,0)	2	2	Optional

Common misconceptions and truths about special talent; characteristics of gifted children ; legal rights of gifted children; family roles in the education of gifted children; communication in the family of gifted children: child-parent communication, sibling communication; expectations and effects of families from gifted children; discussion groups in the education of families of gifted children.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖY410	Interdisciplinary Study and Cooperation in TOY	(2,0,0)	2	2	Optional

Special talents in the field of special education; cooperation and importance of special talents with families ; cooperation between administrators, schools and families in the education of special talents; cooperation and its importance between schools and after-school programs in the education of the gifted; cooperation between branch teachers in the education of special talents; Contributions from working life to the education of special talents.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOY411	in TOY Affective Education	(2,0,0)	2	2	Optional

Characteristics of gifted students; affective needs of gifted students ; self-awareness training of the gifted; empathy training for gifted students; coping with hypersensitivity in gifted individuals; Positive perfectionism in gifted people: developing positive perfectionism in gifted people , coping with negative perfectionism in gifted people.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖY412	Early Childhood Diagnosis and Education in TOY	(2,0,0)	2	2	Optional

Signs of special talent in early childhood; features of special talent in early childhood ; the importance of early diagnosis; diagnostic methods and approaches in early childhood; Educational activities for children with special talent potential in early childhood.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖY413	Learning Problems and Education in TOY	(2,0,0)	2	2	Optional

Characteristics of gifted students; The effects of labels on learning in gifted students: positive effects of labels on learning, negative effects of labels on learning; learning needs of gifted students ; learning strategies in gifted students.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOY414	Program Development in TOY	(2,0,0)	2	2	Optional

What should be the education program for the gifted ?; program differentiation strategies for gifted students; UYEP curriculum model; parallel curriculum model; Purdue three-phase model; triple enrichment revolving door model; Discover program model; capabilities unlimited model, integrated teaching model; autonomous learner model; Education program evaluation process for gifted students.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOY415	Social, Emotional and Academic Guidance in TOY	(2,0,0)	2	2	Optional

Characteristics of gifted individuals; needs of gifted individuals: social and emotional needs of gifted individuals, educational needs of gifted individuals; giftedness label: positive reflections of the label, negative reflections of the label; social development in gifted: peer relations, family relations, teacher relations, loneliness, social acceptance; emotional development in gifted: asynchronous development, anxiety, depression, suicidal tendency; personality development in gifted: self-perception, self-confidence; counseling for special groups: learning disability, hyperactivity-attention deficit, academic counseling: low achievement, multiple potentiality , motivation, perfectionism ; career counseling.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SOY416	Diagnostic Models and Tests in TOY	(2,0,0)	2	2	Optional

Purpose of diagnosis: diagnosis causes, diagnosis time and stages; diagnostic principles; diagnostic methods: norm-based diagnosis, sample-based diagnosis, criterion-based diagnosis; diagnostic approaches: individual based diagnostics, program based diagnostics; diagnostic process: phases constituting the diagnostic process, diagnostic process according to the applied program; intelligence scales: basic structure of intelligence scales, commonly used intelligence and ability scales: Anadolu-Sak intelligence scale, Weschler intelligence scales, Stanford Binet intelligence scales, Raven intelligence scales; current problems in diagnosis: percentage problem, unequal representation problem, ceiling effect.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SÖY407	Creative Thinking Training	(2,0,0)	2	2	Optional

Creativity definitions and theories: creativity myths, definitions of creativity, types and degrees of creativity, relationship between creativity and intelligence, theories of creativity; development of creativity: cognitive and personality characteristics of creative people, factors hindering creativity, development of creativity in children, characteristics of creative children, relationship between creativity and family, time and age; development of creativity and creative thinking techniques: cognitive, emotional, attitudinal, interpersonal and environmental dimensions that improve creativity, techniques that improve creative thinking skills.

ELECTIVE COURSE CONTENTS IN HEARING LOSS

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR210	Advanced Turkish Sign Language	(2,0,0)	2	2	Optional

Linguistic features of sign language and environment: features, letters, definitions and usage, signs about itself, signs about environment, sentence making; school and education signs: educational tools, numbers and math signs, measures; food and clothing signs: food-fruits-vegetables-pulses etc. their names, clothes; Turkish sign language grammar concepts: nouns, verbs, adjectives, antonyms; feelings and things: emotions, colors, house and household items; time: calendar, clock, adverbs of time; traffic and living things: vehicles and traffic signs, living things; professions: sports terms, geographical terms, states; conversation: meaningful sentences, conversation.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR211	The Nature of Hearing and Hearing Assistive Technologies	(2,0,0)	2	2	Optional

Hearing anatomy and physiology; classification of hearing loss; the effects on the person according to the type and degree of hearing loss; hearing tests; newborn hearing screening program and its effect on age at diagnosis; hearing aids: parts and functions, deficiencies of hearing aids, personal FM systems, classroom-centered amplifier systems, electromagnetic induction systems; cochlear implants : parts, functions, use, cochlear implant candidacy criteria, cochlear differences between implants and hearing aids; importance of early device and implantation : neuroplasticity , relationship between language and listening skills, stimulating environment, meaningful use of stimuli.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR212	Family Participation in IR Education	(2,0,0)	2	2	Optional

family system; the impact of hearing loss on child development; the impact of the child with hearing loss on the family system; the effect of hearing loss on early language development; early diagnosis; importance of device / implant ; interaction with the child with hearing loss; creating an environment of meaningful interaction; the use of daily routines for language support; the use of the game for language development; supporting the family's playmaking skills; preparing and implementing a family education plan; family education of children with additional disability to hearing loss; family education as adult education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR209	Hearing Impairment and Language	(2,0,0)	2	2	Optional

Factors that contribute to language acquisition and the reasons that cause problems in language development of children with hearing impairment: theories of language development and the characteristics of language acquisition of children with hearing impairment, the problems faced by children with hearing impairment in the process of language acquisition; Basic stages of language development of children with hearing impairment in pre-verbal and verbal periods: phonetics, morphemes, syntax, semantics and usage development.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR213	Lesson Plan Development in LA	(2,0,0)	2	2	Optional

Curriculum analysis: examining the curriculum of the relevant period used in special education schools and inclusion/integration practices where students with hearing impairment attend, adapting the units according to the language and knowledge levels of students with hearing impairment, developing goals in line with subject expansions; preparing an appropriate one-on-one training plan ; preparing a group language lesson plan; Evaluation of prepared plans.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR214	Interdisciplinary Study and Cooperation in IR	(2,0,0)	2	2	Optional

Multi-disciplinary team working model for individuals with hearing impairment, comprehensive expertise model; gain professional skills ; interdisciplinary team building; gain effective communication skills; planning, implementation, evaluation with the team; cooperation with families;

cooperation with other experts; cooperation with institutions: school-private special education center-guidance research center cooperation; communication and coordination.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR215	Early Childhood Education in IA	(2,0,0)	2	2	Optional

The effects of early hearing loss on language, speech, cognitive and emotional development; the importance of supporting the child; learning in mother-infant routines for the deaf child; oral communication enhancing adult behaviors; listening learning and oral language development strategies; early education models; assessment learning objectives in early childhood; creating learning opportunities in play: child-centered approach, subject-based approach; project-based program approach; understanding of learning in play: language and literacy; creative expression, understanding of healthy living, cognitive competence.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR216	Supporting Communication Skills in IR	(2,0,0)	2	2	Optional

Communication: definition of communication, interpersonal communication, communication ways and communication skills in hearing children; the importance of speech-based verbal language in social, intellectual and educational development; language: theories of language acquisition, receptive and expressive language; speech: perception and production of speech, speech characteristics of hearing-impaired children; listening: the importance of listening in language acquisition, environments that facilitate listening, devices that support listening; communication in the classroom environment: communication methods used with hearing-impaired children.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR217	Special Teaching Methods in IR	(2,0,0)	2	2	Optional

Basic concepts: aims of primary education, principles of primary education, general principles regarding the implementation of the primary education program; examining primary education curricula; adapting curricula to students with different levels of hearing impairment; unitary annual plan; Special teaching methods used in teaching programs: natural auditory-verbal method, narration method, question-answer technique, discussion method, problem solving method, demonstration method, cooperative learning method, excursion method, observation method, laboratory method, drama method.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SR218	cochlear Implant and Listening Training	(2,0,0)	2	2	Optional

cochlear properties of implants ; cochlear evaluation before implant surgery; programming strategies in postoperative speech processors; assessment of the child's hearing after surgery; control of its development; cochlear fault detection in the implant ; steps in the development of listening skills; examples of training applied for the development of listening skills; preparation and implementation of a listening training program; Elements to be considered while preparing listening training.

CONTENTS OF ELECTIVE COURSES IN THE FIELD OF VISIONAL LOSS

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY406	Supporting Vision Skills	(2,0,0)	2	2	Optional

Strategies for planning and assessing the visual function of children and adults with low vision; functional vision assessment tool and sample functional vision assessment; environmental and educational adaptations according to functional vision assessment results; reporting the functional vision evaluation result ; providing information and suggestions to the student's teacher/other experts and the family; creating an educational support plan for home/school/outdoor environments to support students with low vision; implement the support plan.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY407	Family Participation in GR Education	(2,0,0)	2	2	Optional

What parents of visually impaired children can do to maximize their children's independence at home, at school, at work and in the community; supporting families ; encouraging the family to learn at home, at school and in the community, taking an active role in the child's education planning; family support plan for early intervention and primary school; pre-adolescent and adolescent family support plan; Advice to the family for a successful transition to adulthood.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY408	Assistive Technologies for GY	(2,0,0)	2	2	Optional

Evaluate many aspects of assistive technology for people with visual impairments; adapted software, hardware and peripheral devices; various technologies that assist children and adults with visual impairment and/or additional disabilities to access information and support learning and activities of daily living; gain direct experience with accessible technology ; relevant legislation, funding, assessment and teaching strategies for access to technology.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY409	Education of Adults with GI	(2,0,0)	2	2	Optional

The course of human development, motor development from adult to old age, normative changes in cognitive, sensory and perception, physiology and social development; the critical importance of vision and the effect of change in vision on the adult; demographic trends and service network for older people; Points to be considered while working with adults; teaching braille literacy, independent movement and orientation skills to adults with visual impairment ; teaching skills that support independent living: cooking skills, safety techniques at home and outdoors, basic food preparation, cleaning skills, use of basic household appliances, diabetic management, legal rights, access and use of public institutions such as hospitals, banks, care and hygiene, transportation and collective use of transport, care of clothing, shopping, recognition and management of money, recognizing and using drugs, leisure activities and access to these activities.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY410	Interdisciplinary Study and Cooperation in GY	(2,0,0)	2	2	Optional

Developing and directing appropriate services for students with visual impairments; building a team and leading the team when necessary in line with the student's needs; working together with other specialists (physiotherapist, ophthalmologist, etc.) who provide training and support services; Things to consider in cooperation ; establishing healthy communication with family and other specialists; understanding individual characteristics for good communication; interpersonal conflict and crisis management in studies.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY411	Early Childhood Education in GRs	(2,0,0)	2	2	Optional

Early intervention and its importance in visual impairment; developmental stages between 0-3 years of age in children with visual impairment; concept development, cognitive development, motor development, language development, social development; assessing the needs of children with visual impairment according to their developmental characteristics, designing appropriate intervention and family support; preparing assessment and intervention programs in the areas of sensory, cognitive, motor and communication development; programs that require individual and collaborative work based on family-oriented practices and interdisciplinary cooperation; Developing an Individual Family Support Plan.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY412	Program Development at GY	(2,0,0)	2	2	Optional

Legal regulations for students with visual impairment; developmental areas and academic skills program development needs of visually impaired (blind and low vision) children and adults; developed program examples; identifying available adaptations to meet the student's curriculum needs; Program arrangements that will ensure the full participation of students with visual impairments in education.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY413	Social Skills Teaching in GR	(2,0,0)	2	2	Optional

Differences in social development and social development characteristics and needs of students with visual impairment; teaching methods and strategies used in teaching social skills to students with visual impairment; Evaluation and preparing a teaching plan in teaching social skills to students with visual impairment and additional disability.

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY414	Advanced Braille Literacy	(2,0,0)	2	2	Optional

Braille with or without abbreviation reading and writing braille ; reading and writing braille math and science symbols; recognizing technology tools in braille literacy ; learning to use accessible technological tools (audio program on computer, braille printer etc.).

Course Code	Lesson First Name	(T,U ,L)	Credit	ECTS	Compulsory / Elective Lesson
SGY415	Teaching Orientation and Independent Movement Skills	(2,0,0)	2	2	Optional

Teaching orientation and orientation skills; teaching internal and external environmental concepts; cue (sensory cues), cue (environmental cues) concepts, principles, prerequisites and instructional plans; search methods, measuring skill, principles of compass directions and indoor and outdoor numbering systems, prerequisites and preparation of teaching plans; teaching the use of orientation and independent movement skills for problem solving in unfamiliar environments; teaching independent movement skills; (protection techniques, guide skills, cane skills, etc.) analysis of independent movement skills and preparation of measurement tools; creation of teaching processes in the stages of acquisition, fluency and generalization; adaptations for students with low vision and multiple disabilities; route teaching.