

UNDERGRADUATE PROGRAM IN PRIMARY EDUCATION

I. Semester

	Course Title	T	U	K	AKTS
MB	Introduction to Education	2	0	2	3
MB	Sociology of Education	2	0	2	3
GK	Atatürk's Principles and the History of The Revolution 1	2	0	2	3
GK	Foreign Language 1	2	0	2	3
GK	Turkish Language 1	3	0	3	5
GK	Information Technologies	3	0	3	5
AE	Basic Mathematics in Primary School	3	0	3	5
AE	Geography and Geopolitics of Türkiye	2	0	2	3
Total		19	0	19	30

II. Semester

	Course Title	T	U	K	AKTS
MB	Educational Psychology	2	0	2	3
MB	Philosophy of Education	2	0	2	3
GK	Atatürk's Principles and the History of The Revolution 2	2	0	2	3
GK	Foreign Language 2	2	0	2	3
GK	Turkish Language 2	3	0	3	5
AE	Environmental Education	2	0	2	4
AE	Basic Science in Primary School	3	0	3	5
AE	Turkish History and Culture	2	0	2	4
Total		18	0	18	30

III. Semester

	Course Title	T	U	K	AKTS
MB	Instructional Technologies	2	0	2	3
MB	History of Turkish Education	2	0	2	3
MB	Elective 1	2	0	2	4
GK	Elective 1	2	0	2	3
AE	Elective 1	2	0	2	4
AE	Drama in Primary School	2	0	2	4
AE	Science Laboratory Applications	0	2	1	3
AE	Instruction in Primary Reading and Writing	3	0	3	6
Total		15	2	16	30

IV. Semester

	Course Title	T	U	K	AKTS
MB	Teaching Principles and Methods	2	0	2	3
MB	Research Methods in Education	2	0	2	3
MB	Elective 2	2	0	2	4
GK	Elective 2	2	0	2	3
GK	Community Service Practices	1	2	2	3
AE	Elective 2	2	0	2	4
AE	Teaching Games and Physical Activities	3	0	3	5
AE	Teaching Turkish	3	0	3	5
Total		17	2	18	30,0

V. Semester

	Course Title	T	U	K	AKTS
MB	Classroom Management	2	0	2	3
MB	Morality and Ethics in Education	2	0	2	3
MB	Elective 3	2	0	2	4
GK	Elective 3	2	0	2	3
AE	Elective 3	2	0	2	4
AE	Teaching Life Skills	3	0	3	5
AE	Mathematics Teaching 1	3	0	3	4
AE	Science Education	3	0	3	4
Total		19	0	19	30

VI. Semester

	Course Title	T	U	K	AKTS
MB	Measurement and Evaluation in Education	2	0	2	3
MB	Turkish Education System and School Administration	2	0	2	3
MB	Elective 4	2	0	2	4
GK	Elective 4	2	0	2	3
AE	Elective 4	2	0	2	4
AE	Social Studies Teaching	3	0	3	5
AE	Mathematics Teaching 2	3	0	3	4
AE	Religious Culture and Moral Knowledge Teaching	3	0	3	4
Total		19	0	19	30

VII. Semester

	Course Title	T	U	K	AKTS
MB	Teaching Practice 1	2	6	5	10
MB	Special Education and Inclusion	2	0	2	3
MB	Elective 5	2	0	2	4
AE	Elective 5	2	0	2	4
AE	Music Education	3	0	3	4
AE	Foreign Language Teaching in Primary School	3	0	3	5
Total		14	6	17	30

VIII. Semester

	Course Title	T	U	K	AKTS
MB	Teaching Practice 2	2	6	5	12
MB	Guidance in Schools	2	0	2	3
MB	Elective 6	2	0	2	4
AE	Elective 6	2	0	2	4
AE	Character and Values Education	2	0	2	3
AE	Teaching Visual Arts	3	0	3	4
Total		13	6	16	30

Grand Total

		T	U	K	AKTS	HOUR	PERCENTAGE
MB	Professional Knowledge	44	12	50	88	56	35
GK	General Knowledge	26	2	27	42	28	19
AE	Field Training	64	2	65	110	66	46
	Total	134	16	142	240	150	100

CLASSROOM TEACHING

UNDERGRADUATE PROGRAM COURSE CONTENTS

I.Semester

MB Introduction to Education

Fundamental concepts related to education and instruction; the aims and functions of education; the relationship of education with other fields and sciences; the legal, social, cultural, historical, political, economic, philosophical, and psychological foundations of education; methods in educational sciences; the school and classroom as educational and learning environments; the teaching profession and current developments in teacher education; trends in education in the twenty-first century.

MB Sociology of Education

Basic concepts of sociology: society, social structure, social facts, social events, etc.; pioneers of sociology (Ibn Khaldun, A. Comte, K. Marx, E. Durkheim, M. Weber, etc.) and their views on education; education from the perspective of major 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 the sociology of education in Turkey (Ziya Gökalp, İsmail Hakkı Baltacıoğlu, Nurettin Topçu, Mümtaz Turhan, etc.); culture and education; the school as a social, cultural, and moral system and community.

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GK Atatürk's Principles and the History of the Revolution 1

The internal and external factors leading to the collapse of the Ottoman Empire; reform movements in the Ottoman Empire in the nineteenth century; intellectual movements in the late Ottoman period; the political and military situation of the Ottoman Empire at the beginning of the twentieth century; the First World War and the Armenian issue; the occupation of Anatolia and the reactions to it; Mustafa Kemal Pasha's landing in Samsun and his activities; the period of congresses and organization; the opening of the last Ottoman Parliament (Chamber of Deputies) and the adoption of the National Pact (Misak-ı Millî); preparations for the National Struggle and its material and moral foundations; the opening and activities of the Grand National Assembly of Turkey (TBMM); the Treaty of Sèvres; the struggles on the Southern and Eastern fronts; the establishment of the regular army, the Greek offensive and the battles on the Western Front; the signing of the Armistice of Mudanya; the convening of the Lausanne Conference and the signing of the Peace Treaty.

GK Foreign Language 1

The present continuous tense; the simple present tense; speaking, reading, writing, and listening skills related to these tenses; speaking skills (introducing oneself, describing a person/place/thing, giving directions, and asking and answering questions related to personal information); reading skills (reading lists and labels and asking questions in places such as restaurants, buses, trains, and other means of transportation, as well as shopping areas); writing skills (writing short messages, composing poster content, filling in forms); listening skills (understanding directions and descriptions of places and people).

GK

Turkish Language 1

Written language and its characteristics; spelling and punctuation; features of written and spoken expression; paragraph construction and types of paragraphs (introduction, body, and conclusion); ways of developing ideas (exposition, argumentation, narration, and description; techniques such as definition, exemplification, citation, comparison, etc.); text structure (the structural features of a text and its introduction–body–conclusion sections); textuality features (cohesion, coherence; intentionality, acceptability, situationality, informativity, and intertextuality); text writing processes (drafting, writing, revising, and sharing); writing informative–explanatory texts; writing narrative texts; writing descriptive texts; and writing argumentative and persuasive texts.

GK

Information Technologies

Information technologies and computational thinking; concepts and approaches to problem solving; algorithms and flowcharts; computer systems; basic concepts related to software and hardware; fundamentals of operating systems and current operating systems; file management; utility programs (third-party software); word processing programs; spreadsheet and charting programs; presentation software; desktop publishing; database management systems; web design; the use of the internet in education; communication and collaboration technologies; safe use of the internet; information ethics and copyright; the effects of computers and the internet on children and young people.

AE

Basic Mathematics in Elementary School

Number systems and the hierarchical model; the closure properties of number systems with respect to the four basic operations; mathematical modeling; problem solving and problem posing involving the four operations; writing a base-ten number in other number bases and converting numbers written in other bases into base ten; performing the four basic operations in number bases other than base ten; divisibility rules for 2, 3, 4, 5, and 10 with proofs; least common multiple (LCM) and greatest common divisor (GCD); fractions and the four operations with fractions; the relationship between fractions and ratios; writing numbers in decimal form and performing the four operations with decimals; patterns; basic geometric shapes; basic solid geometry—geometric solids and their nets; and the concept of measurement and basic units of measurement.

AE

Geography and Geopolitics of Türkiye

Turkey's location and position: Turkey's geopolitical and geostrategic status and characteristics; its mathematical (absolute) location features; its relative location features (neighboring countries); characteristics of country groupings (political, military, economic, and cultural organizations); Turkey's physical features (climate, hydrographic characteristics, soil structure, vegetation); and socio-economic characteristics (population, settlement patterns, agriculture, forestry, animal husbandry, energy, industry, transportation, and tourism).

II. Semester

MB

Educational Psychology

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

MB

Philosophy of Education

Basic topics and problem areas of philosophy; philosophy of existence, knowledge, ethics/values, and education; basic philosophical movements (idealism, realism, naturalism, empiricism, rationalism, pragmatism, existentialism, analytic philosophy) and education; philosophy of education and educational movements: Perennialism, essentialism, progressivism, existentialist education, critical/radical education; educational views of some philosophers in the Islamic world and the West (Plato, Aristotle, Socrates, J. Dewey, Ibn Sina, Farabi, J. J. Rousseau, etc.); human nature, individual differences and education; education from the perspective of some political and economic ideologies; ideological movements effective in Turkey's modernization process and education; philosophical foundations of the Turkish education system.

GK

Atatürk's Principles and the History of the Revolution 2

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Reforms in the political field (abolition of the Sultanate, proclamation of the Republic, abolition of the Caliphate, etc.); reforms in the social field (Hat Reform, closure of dervish lodges and tombs, Calendar, Clock, and Surname Law); reforms in the field of education and culture (Law on Unification of Education, Alphabet Reform, Turkish History and Language Reform); reforms in the field of law; attempts to transition to multi-party life and reactions during the Atatürk period (establishment and closure of the Progressive Republican Party, Sheikh Said rebellion and assassination attempt on Atatürk); multi-party political life transition attempts (establishment and closure of the Free Republican Party and the Menemen Incident); Turkey's economic resources and policy in the Republican era (Izmir Economic Congress); Turkish foreign policy during the Atatürk era (Population Exchange, membership in the League of Nations, Balkan Entente, and Saadabad Pact); Turkish foreign policy (Montreux Straits Convention, Hatay joining the Motherland, Turkey's bilateral relations with other countries); definition and scope of Atatürk's system of thought and Atatürk's principles; Turkey after Atatürk, Democratic Party's years in power, Turkey in the 1960s and 1970s, Turkey's foreign policy after 1960.

GK

Foreign Language 2

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



Turkish Language 2

Characteristics of academic language and writing; use of definitions, concepts, and terms in academic writings; objective and subjective expression; structure and types of academic texts (articles, reports, scientific summaries, etc.); writing claims and propositions (confirming, defending, or opposing an idea); formal characteristics of scientific reports and articles; steps of report writing; explanation, discussion, establishing intertextual relations, citing sources (citation and footnoting, creating a bibliography); writing titles, summarizing, writing keywords; ethical principles to be considered in scientific writings; academic text writing applications.



Environmental Education

Basic ecological concepts and principles, ecosystems, food chains, food web, habitat, competition; symbiosis and mutualism, energy flow, cycle of matter, population growth, ecological impact, erosion, soil and water resources, environmental sensitivity, international studies, institutions and organizations related to environmental sensitivity; environmental education in primary school programs.



Basic Science in Primary School

Subject and principles of nature/science, basic concepts of science, the place of science among other sciences, historical development, objectives of science teaching, general information about science topics in the primary school program, their characteristics, and their counterparts and areas of use in daily life.



Turkish History and Culture

First homeland of Turks - first civilizations established in the homeland, life of Turks before the Huns, Huns: Great Hun State - migration of tribes and European Huns - Hephthalites, Tulunids - Ikhshidids - Kara-Khanids - Ghaznavids, Great Seljuk State - Anatolian Seljuk State, Ottoman Empire (Foundation and Rise periods), Ottoman Empire (Stagnation and Collapse periods), Other Turkic States (Azerbaijan - Kazakhstan - Kyrgyzstan - Turkmenistan - Uzbekistan - Northern Cyprus Turkish Republic and communities), Culture and Civilization.

III. Semester



Instructional Technologies

Information technologies in education; classification of instructional processes and instructional technologies; theoretical approaches to instructional technologies; new trends in learning approaches; current literacies; instructional technologies as tools and materials; design of instructional materials; thematic instructional material design; creating field-specific object repositories, evaluation criteria for instructional materials.

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

Definition and meaning of the term drama; concepts of psycho-drama, creative drama, educational drama, socio-drama, etc.; relationship between drama and play; history of drama applications in education; structure and application stages of drama in education; drama environment and teacher qualities; evaluation of drama; drama examples suitable for the educational goals of the field, development and application of examples.

Purpose and importance of the laboratory in science teaching; safety in the laboratory; scientific method, scientific process skills and how they are acquired; laboratory experiments for primary school (planning, conducting experiments and evaluating experiment results), preparing experiment worksheets and experiment reports; examples of experiments that can be done with simple and cheap materials; group work.

Reading and its importance, listening, speaking, visual reading and visual presentation; reading and writing learning areas and the relationship between them, characteristics of Turkish and its effect on primary reading and writing instruction; reading and writing instruction approaches, aims and principles of primary reading and writing instruction, basic characteristics of first-grade teachers and students in terms of primary reading and writing instruction; readiness for primary reading and writing (student) and preparation (teacher), failure and reasons in primary reading and writing instruction, tools and materials used in primary reading and writing instruction (characteristics, selection, creation, and use of tools); methods applied in primary reading and writing instruction (definitions, characteristics, classification, applications, advantages and limitations of methods); sound-based sentence method (definition, principles, characteristics, stages and application), reading and writing instruction applications in line with the stages of the sound-based sentence method, vocabulary development, evaluation of primary reading and writing, primary reading and writing instruction and technology use.

IV. Semester

MB

Teaching Principles and Methods

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

MB

Research Methods in Education

Basic concepts and principles related to research methods; research process (noticing the problem, determining the problem and sample, data collection and analysis, 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 designs; sampling, data collection, and data analysis in qualitative research; validity and reliability in qualitative research; examining, evaluating, and presenting articles or theses; preparing research reports in accordance with research principles and ethics; action research in education.

GK

Community Service Practices

Concepts of society, community service practices, and social responsibility; social responsibility projects in terms of social and cultural values; identifying current social problems; preparing projects for the solution of identified social problems; participating voluntarily in social responsibility projects as an individual and as a group; participating in social responsibility projects in various institutions and organizations; participating in scientific events such as panels, conferences, congresses, symposia as an audience, speaker, or organizer; evaluating the results of social responsibility projects.

AE

Teaching Games and Physical Activities

Theoretical structure related to the primary school Play and Physical Activities course (Grades 1-4) (structure of the program, basic skills, basic elements of the program, gains according to grades, teaching methods, classroom management, measurement and evaluation), applications related to the gains of the primary school play and physical activities course (lesson plan, study plans, preparing and applying measurement tools), educational and musical plays, examples of modern folk dances, definition and general characteristics of play, play teaching.

AE

Teaching Turkish

Contemporary methods and techniques that can be used in Turkish teaching; development of reading, writing, listening, speaking, and comprehension skills; identification and elimination of reading difficulties; structure of reading texts; teaching of poems, informative and narrative texts, intertextual reading and writing; constructing meaning from texts, vocabulary development, media literacy (visual reading and presentation), reading and technology use, questions and types related to constructing meaning from texts; development of critical thinking through reading and writing; fast reading and its techniques; main idea teaching and methods; purposes, types, and rules of reading; evaluation of reading, writing, listening, speaking, and comprehension; examination of the Primary Turkish program and its relationship with other courses.

V. Semester

MB

Classroom Management

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

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MB

Morality and Ethics in Education

Basic concepts and theories related to morality and ethics; ethical principle, ethical rule, work and professional ethics; teaching profession with its social, cultural, moral, and ethical aspects; right to education and learning; ethical principles in the process of education, teaching, 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 behaviors in work and professional life; ethical regulations related to public administration, education, and teachers in Turkey; unethical behaviors in school and education, ethical dilemmas, problems, and solutions; moral/ethical education and ethical committees in school; school principal and teacher as a moral/ethical leader.

AE

Teaching Life Skills

Purpose, concept, and content of the Life Studies course, historical development of the Life Studies course in Turkey and Life Studies course approaches in other countries; examination of the Life Studies curriculum in terms of gains, skills, and concepts, themes in the program and distribution of the gains included in the themes according to grades, basic teaching skills in Life Studies teaching, studies and examples regarding the use of teaching strategies, methods, and techniques in Life Studies course, use of resources and materials in Life Studies teaching, values and democracy education in Life Studies course, sample applications regarding the Life Studies Program and evaluation of classroom activities.

AE

Mathematics Teaching 1

Purpose and basic principles of mathematics teaching; history of mathematics teaching (in the World and Turkey); teaching and learning strategies to be used in mathematics teaching; scope, purpose, and characteristics of the primary school mathematics program; major learning theories and their relationship with mathematics learning; important skills in mathematics education, association, representations, communication, reasoning, problem solving (strategies, stages, problem types, etc.); use of information technologies, development of the number concept in children (pre-counting developments, one-to-one correspondence, cardinal value, joining, separating, comparing, equivalence, less, more, etc.); place value, formation and structural properties of natural numbers; arithmetic operations, related topics and gains in the primary school mathematics curriculum, and sample activities suitable for

AE

Science Education

Basic concepts related to science and science education; characteristics of science, technology, scientific knowledge, and the scientific method; science and technology literacy; science-technology-society-environment relationships; attitudes toward science; objectives of science teaching; historical development of science teaching in Turkey and the World; constructivist approach and science learning; cognitive development and science education; characteristics of the primary school science program and its relationship with other courses; developing scientific process skills and sample applications.

VI. Semester

MB

Measurement and Evaluation in Education

Place and importance of measurement and evaluation in education; basic concepts related to measurement and evaluation; psychometric (validity, reliability, utility) properties of measurement tools; developing and applying achievement tests; interpreting test results and providing feedback; analysis of test and item scores; evaluation and grading.

MB

Turkish Education System and School Administration

Formation of education systems and structure of the Turkish education system; basic laws regulating the Turkish education system; central, provincial, and overseas organization of the Ministry of National Education; teaching levels in the Turkish education system; human power, 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 personal affairs; matters related to education and training; school business-related matters; school, environment, society, and family relations; current discussions and trends related to the Turkish education system and school.

AE

Social Studies Teaching

Social studies area and its characteristics, basic aims and basic skills of the Social Studies area, literacy in Social Studies, basic themes and areas in the Social Studies area, the place and history of the Social Studies area in the primary school program, examination of the Social Studies curriculum (gains, skills, themes, etc.), strategies, methods, techniques, and materials used in Social Studies teaching, sample applications related to them, democracy, human rights, and values education in the Social Studies course, examples and comparisons from Social Studies textbooks in Turkey and other countries.

AE

Mathematics Teaching 2

Fractions, student difficulties in learning fractions, different meanings of fractions, fraction models, equivalence, comparison, ordering, operations with fractions, decimal fractions, operations with decimal fractions, geometry, development of geometric thinking in children, 2D and 3D geometry topics and their teaching, measurement and measures, development of the idea of measurement in children, measurement of dimension, area, volume, time, weighing, our money, data management, tables and graphs, measurement and evaluation in mathematics education, multiple measurement-evaluation methods and techniques, related topics and gains in the primary school mathematics curriculum, and sample activities suitable

AE

Religious Culture and Moral Knowledge Teaching

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Basic concepts in religious culture and moral knowledge teaching: concepts of religion, culture, and morality; Islam and other religions; concept of belief: conditions of faith in Islam, basic principles of Islam; worship: concept of worship; morality and its principles related to the individual and society; basic values of life and their teaching; examination of the primary school religious culture and moral knowledge curriculum; gains, content, teaching approaches, evaluation of learning.

VII. Semester

MB

Teaching Practice 1

Making observations related to field-specific teaching methods and techniques; conducting individual and group micro-teaching practices using field-specific special teaching methods and techniques; developing field-specific activities and materials; preparing teaching environments, managing the classroom, performing measurement, evaluation, and reflection.

MB

Special Education and Inclusion

Basic concepts related to special education; principles and historical development of special education; legal regulations related to special education; diagnosis and evaluation in special education; individualization of instruction; inclusion and supportive special education services; participation of the family in education and cooperation with the family; characteristics of different disability and ability groups; educational approaches and teaching strategies for different groups; effective strategies in classroom management and behavior management.

AE Music Education

Music teaching methods and techniques, note teaching techniques, arranging songs for children with Orff instruments by using rhythm and melody, effective use of the instrument in song teaching, relationship between play, music, dance, drama, and speech, relationship between music and aesthetics and development of musical appreciation, relating music lesson activities with other disciplines, activity applications related to the primary education music program.

AE Foreign Language Teaching in Primary School

Comparison of Turkish and English teaching, approaches, methods, techniques, and applications used in English teaching at the primary school level, related topics, gains, and sample activities in the primary school foreign language course curriculum for grades 2, 3, and 4.

VIII. Semester

MB Teaching Practice 2

Observing field-specific special teaching methods and techniques; conducting micro-teaching practices using field-specific special teaching methods and techniques; being able to plan a lesson independently; developing activities and materials related to the lesson; preparing teaching environments; managing the classroom, performing measurement, evaluation, and reflection.

MB Guidance in Schools

Place of guidance and psychological counseling (GPC) services in education; philosophy, purpose, principles, and program of the developmental guidance model (comprehensive developmental GPC program); basic services/interventions; role and function of teachers in classroom guidance; competencies to be acquired in educational, vocational, personal, and social areas within the scope of GPC services; cooperation between the school administrator, teachers, guidance counselor, and psychological counselor; preparation and implementation of classroom GPC plans and programs.

AE Character and Values Education

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

AE

Teaching Visual Arts

Recognizing the functions of visual arts education in mental and emotional terms, determining students' development levels according to graphical development stages, reading children's drawings, making children love visual arts and enabling them to express themselves through art; applying art activities suitable for the program in the context of art history, art criticism, and aesthetic disciplines; differentiation in visual, auditory, and tactile perception, learning through the field of art, and development of creativity.

Open and Distance Learning

Basic concepts and philosophy of open and distance learning; the development of distance education worldwide; the development of distance education in Turkey; the roles of learners and guides in distance education; technologies used in distance education; management of open and distance learning; classroom management and components in open and distance learning; open educational resources and global trends; massive open online courses (MOOCs); personalized learning environments; problems related to open and distance education and their solutions; applications of open and distance learning in teacher training; development of individual instructional materials and student support services in open and distance education; determining instructional strategies for different learning situations; research and evaluation in distance education.

Attention Deficit and Hyperactivity Disorder

Definition and characteristics of Attention Deficit Hyperactivity Disorder (ADHD); main symptoms of ADHD (inattention, hyperactivity, and impulsivity); effects of ADHD on children's social, emotional, and academic performance; causes of ADHD; risk factors in the development of ADHD; types of ADHD; approaches to children with ADHD; guidance for students with ADHD; education of children with ADHD; ensuring school-family cooperation.

Education Law

Basic concepts of law and administrative law; sources of administrative law; rights and duties in administration; the Convention on the Rights of the Child and the Universal Declaration of Human Rights; administrative and judicial supervision of teachers; fundamental laws that establish and regulate the Turkish Education System; duties, rights, and responsibilities of educational stakeholders.

Educational Anthropology

The subject, basic concepts, history, and methodology of anthropology; fundamental approaches in socio-cultural anthropology; education from an anthropological perspective and basic concepts of educational anthropology: culture, enculturation, acculturation, adaptation, subculture, counterculture, common culture, etc.; cultural foundations and functions of education; cross-cultural differences, education, and learning; school as a living space, school cultures, and ethnographies; media, mass communication tools, 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; roles of parents and children in the Turkish family structure.

History of Education

Education in ancient times (Ancient Egypt, Mesopotamia, Anatolia, India, China, Ancient Greece, and Rome); education in Eastern, Western, and Islamic societies during the Middle Ages and the Early Modern Period; the Renaissance, Reformation, Enlightenment movements, and education; education in the Industrial Age and Modern Period; relationships between Islamic culture and civilization and Western civilization; the emergence of nation-states and the development of national education systems; post-modern society debates and education; major changes and transformations in education worldwide from ancient times to the present.

Drama in Education

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

Extracurricular Activities in Education

Concepts of formal programs and extracurricular/hidden curriculum in education; approaches related to the hidden curriculum; cognitive and affective domain learning and the hidden curriculum; school as a ritual space; school ceremonies as extracurricular activities; the importance and management of social, cultural, sports, and artistic activities in schools; the role and significance of the hidden curriculum in values education; extracurricular activities (commemorations, celebrations, meetings, graduations, etc.) in terms of values education.

Curriculum Development in Education

Basic concepts related to curriculum development; theoretical foundations of curriculum development; types of curricula; philosophical, social, historical, psychological, and economic foundations of curricula; characteristics of curriculum development and instructional programs; stages of curriculum development; basic elements of a curriculum (objectives, content, process, assessment) and the relationships among these elements; classification of objectives and their relation to curriculum elements; content organization approaches; identification of educational needs; curriculum development process and models; instructional program design approaches; curriculum evaluation models; curriculum literacy; roles and responsibilities of teachers in curriculum development; characteristics of Ministry of National Education (MEB) curricula; implementation of instructional programs; new approaches and trends in curriculum development in Turkey and worldwide.

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Project Preparation in Education

The concept of a project and types of projects; instructional programs and project-based learning; project programs in schools (TÜBİTAK, EU, and others); topic selection for a project; literature review; logical framework in a project; project planning and management; application of the scientific method in a project; preparing and developing a project report; finalizing the project report; project evaluation and reviewing best practices; project presentations, and techniques for designing posters and brochures.

Critical and Analytical Thinking

Basic concepts and definitions; the brain as the organ of thinking, types of thinking, and classification of thought; involuntary thinking and its characteristics; 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.

Education of Children Hospitalized

Developmental characteristics, interests, needs, and emotional states of hospitalized children according to age groups; interaction among hospital staff, children, and families; preparatory education for hospitalization, diagnosis, treatment, and surgery; planning and implementing activities for hospitalized children such as play, music, art, drama, mathematics, and storytelling; interaction among hospital schools, children with life-threatening illnesses, their families, and staff.

Inclusive Education

Inclusion and its scope; inclusive education: definition, content, and importance; legal basis of inclusive education; national and international legislation; approaches and standards in inclusive education; teacher roles in inclusive education; inclusive curriculum and instructional materials; attitudes and values in inclusive education; inclusive school and classroom; preparing an action plan for inclusive education; inclusive education practices: student differences, effective communication, language use, psychosocial support, differentiated instruction and examples, methods and techniques, instructional planning, inclusivity in lesson materials and selection of inclusive activities; lesson design practices.

Comparative Education

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

Microteaching

Basic concepts and principles of effective teaching and learning; teachers' professional competencies, attitudes, roles, and behaviors; lesson planning; scope, benefits, and limitations of micro-teaching; preparing active learning activities suitable for the subject; conducting sample lesson presentations in the classroom; recording lesson presentations on video; evaluating the lesson based on the recordings; improving the prepared activities and lesson presentations.

Museum Education

Definition and characteristics of museums, exhibition in museums; museums and museum education; types of museums; development of museology in Turkey; an overview of the history of museology worldwide; relationship between museums, art, culture, and civilization; museums and art education; museums and society; contribution of museums to historical awareness; preservation of historical artifacts; contemporary museology in Turkey and worldwide.

Out-of-School Learning Environments

Concepts of out-of-school education and learning; scope and importance of out-of-school learning; instruction in out-of-school settings; teaching methods, techniques (project-based learning, station technique, etc.), and instructional materials suitable for out-of-school learning environments; out-of-school learning environments (museums, science centers, zoos, botanical gardens, planetariums, industrial facilities, national parks, science festivals, science camps, natural environments, etc.); development of out-of-school learning spaces and environments; planning, implementation, and evaluation of out-of-school learning activities

Learning Disability

Definition, characteristics, and classification of learning disabilities: educational, psychological, and medical factors; prevalence and frequency; causes of learning disabilities; early intervention; response-to-intervention model; screening/diagnosis: medical, developmental, and educational screening/diagnosis; academic and non-academic characteristics; team and collaboration; educational environments; evidence-based practices; supporting reading, writing, and mathematics skills; supporting non-academic skills.

Individualizing and Adapting Instruction

The concept of individualization and its importance in education; actions required for individualization: curriculum-based assessment, rough assessment, preparing criterion-referenced measurement tools, rules to follow in assessment; determining long-term and short-term instructional objectives; arrangements that can be made in classrooms and schools for inclusion/integration; adapting instruction; examples of individualization and adaptation in inclusion/integration classrooms

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Sustainable Development and Education

The concept of sustainability and its areas of application; sustainability from the perspective of social sciences and natural sciences; sustainability in the context of social change; education and sustainability; the future of humanity and sustainability; migration, poverty, and inequality; sustainable environment; ecology, global environmental problems, and sustainability; sustainable society in harmony with nature; population, economic systems, and the natural environment; technological developments, consumption habits, and the environment; sustainability in terms of social responsibility practices and tangible and intangible cultural heritage; rethinking human-nature relationships within the framework of sustainability.

Adult Education and Lifelong Learning

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 related to adult education; adults and learning; the purpose, scope, and historical development of lifelong learning; lifelong learning practices in the Turkish education system.

Addiction and the Fight Against Addiction

Basic concepts and definitions; types of addiction (substance addiction, technology addiction, etc.); causes of addiction; risk factors in the family, peer group, and social context that prepare an individual for substance addiction; communication skills in addicted children, adolescents, and adults; the role of social services in addiction; models related to addiction; efforts to prevent addiction; consequences of addiction; national policies and strategic methods in combating addiction; reintegration process.

Nutrition and Health

Natural and healthy nutrition; combating obesity; food additives; healthy living and exercise; growth and development; healthy sexual life; fighting addiction (tobacco, alcohol, substance addiction, etc.); traffic, disasters, and first aid.

History and Philosophy of Science

Science, philosophy, and the scientific method; Ancient Greece, Medieval Europe, Scholastic philosophy and science; science and philosophy in the Islamic cultural geography; science in Mesopotamia; science and philosophy in Renaissance Europe; science and philosophy in the Age of Enlightenment; classification of sciences; relationships between science, scientism, ideology, ethics, and religion; science and paradigms; the Vienna and Frankfurt schools of thought; critiques of science in the twentieth and twenty-first centuries.

Science and Research Ethics

Science, the nature and development of science, and scientific research; the concept of ethics and ethical theories; research and publication ethics; unethical behavior and ethical violations in the research process; ethical issues related to authorship and copyright; biased publication, editorial practices, peer review, and ethics; publication ethics and unethical behavior in the publishing process; legal regulations and boards related to research and publication ethics; procedures for detecting ethical violations; common research and publication ethics violations and methods to prevent them.

Economics and Entrepreneurship

Basic concepts of economics and economic systems; basic concepts of business and business management; establishment, objectives, and legal structure of businesses; management processes and functions in businesses; management of human and other resources; the concepts of entrepreneur and entrepreneurship, success factors in entrepreneurship; entrepreneurship culture, the entrepreneurship process, and types of entrepreneurship; career planning, original ideas, and unconventional examples; Turkish Patent and Trademark Office; Industrial Property Law; small and medium-sized enterprises; management processes and functions in small businesses; developing business ideas, innovation, preparing a business plan, elements of a business plan, writing and presenting it; preparing a project related to entrepreneurship in a specific field or topic.

Traditional Turkish Handicrafts

Terms and concepts related to traditional Turkish arts; the importance of traditional Turkish arts; their contributions to the individual, society, and the national economy; the historical development of traditional Turkish arts (Huns, Göktürks, Uyghurs, Seljuks, Beyliks, and the Ottoman Period); the Ahilik (Ahi Order) and Guild System; institutions and organizations related to Turkish arts in the Republican era; classification of traditional arts according to raw materials and production techniques; traditional weaving (carpet-rug, fabric, etc.), printing, knitting, felt, and glass (stained glass, glassware, beads, etc.) arts; metal (iron, copper, silver, gold, etc.) arts; wood (kündekari, carving, and mother-of-pearl inlay) arts; tile-ceramics and stonemasonry arts; the education, production, and marketing of traditional Turkish arts.

Human Rights and Democracy

Concept of human rights and its historical development; types of human rights; understandings, principles, and approaches of democracy and human rights; democracy education and democratic education; family and democracy education; education as a human right; preschool education and democracy education; primary school curriculum and democracy education; democracy education in secondary education; higher education and democracy education; democratic school and classroom environment.

Human Relations and Communication

Definition and classification of interpersonal relations; theoretical approaches to interpersonal relations (psychoanalytic, attachment, contemporary theories); theoretical approaches to interpersonal relations (social, psychological, cognitive theories); interpersonal relations as a developmental process (infancy and childhood periods, adolescence and adulthood periods); factors influencing interpersonal relations; gender, gender roles, and interpersonal relations; self-monitoring and self-disclosure in interpersonal relations; communication and communication errors; effective communication skills; interpersonal problems, conflict, and conflict resolution approaches; human relations in terms of intercultural differentiation.

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Career Planning and Development

Career concept, career planning and its stages; individual career development, creating a career strategy; career planning model, career options in relevant teaching fields; resume preparation and types of resumes, CV format and examples, points to consider in CV preparation; cover letters, letters of introduction, job interview, its objectives, methods, and types, preparation for the interview and interview stages; situations that may be encountered in interviews; question types, body language-physical signals.

Culture and Language

Basic concepts related to language and culture; sources and elements of culture; oral and written culture; material and spiritual culture; culture from individual and social perspectives; culture as a unifying and divisive force; enculturation, acculturation, cultural diffusion, and adaptation; culture in terms of cognitive, symbolic, and structural-functional approaches; language as a system of symbols; language and language acquisition from an individual perspective; the impact of language on human consciousness; the relationship between culture, language, cognition, and reality; the function of language in carrying knowledge and culture, and in establishing social relationships and communication; the development and transmission of language and culture; national identity and language; dynamics of changes in culture and language; debates on the mutual interaction of changes in culture and language; national cultures; globalization, multilingualism, and multiculturalism.

Media Literacy

Information literacy; conscious use of the internet and social media; effects of social media on individuals; power of information dissemination and misinformation; power of news dissemination; media and perception management; legal rights and responsibilities regarding media and the internet; copyright; personal rights; data privacy; privacy violation; language use in media; value and quality analysis of news; popular culture; male and female roles in the media; consumption culture and advertisements; stereotyping in the media.

Professional English

Basic English reading-writing-listening skills; basic concepts related to child development and its stages; basic concepts related to primary and secondary education; basic concepts related to educational sciences; examples of dialogues between student-parent-teacher; techniques for listening to and understanding academic content (YouTube, TeacherTube, TEDx talks, etc.); verbal skills for professional development (vocabulary, patterns, etc.); writing skills (writing petitions, preparing reports, creating a CV, writing short messages, establishing lesson objectives, etc.); reading skills (reading written texts using Web 2.0 tools, etc.); translation studies in the relevant teaching field.

Art and Aesthetics

Art, fine arts, craft, and culture; art and education; art, creativity, and the work of art; philosophy of art and aesthetics; theories of art and aesthetics; art criticism; art history, art in pre-modern, modern, and post-modern periods; art and social context; art and daily life; Turkish-Islamic art-aesthetics and artworks; the position of art and the craftsman in the process of social change; development of art in Turkey; contemporary understandings of art; construction of civilization and art; art, aesthetics, and ethics.

Turkish Folk Dances

Definition of folklore; rhythm and perception studies, dance and folk dance figure studies; regional differences in folk dances and figure studies, regional figures, learning regional figures of the Bar type, learning regional figures of the Halay and Kaşık (spoon) types, learning regional figures of the Horon and Karşılama types, learning regional figures of the Zeybek type; studies on the style and performance methods of the learned dances; staging of folk dances, types of staging, and their differences.

Turkish Sign Language

Basic concepts related to sign language; Turkish Sign Language, its history and characteristics; letters in Turkish Sign Language; phonetics; the internal structure of signs, simultaneity and sequentiality; the finger alphabet in terms of phonology; morphology in sign language, the construction and formation of signs; word classes and pronouns; syntax in sign language; word order, sentence types; interrogative sentences; semantics in sign language; meaning and reference, types of meaning, idioms; mutual conversation in Turkish Sign Language.

Turkish Cultural Geography

Culture, human, and society; Turkish culture and Turkish civilization; the first ethnographic sources about Turks; Turkish states in history; state, administrative, military, and social structures in Turks; folk beliefs and mythology in Turks; the relationship between human and space in Turks; oral, written, and material culture in Turks; family structure in Turks; demographic and cultural consequences of migrations in Turkish history; expansion areas of Turkish culture and its influence on neighboring geographies; tangible and intangible cultural heritage of Turkey; the transfer of natural and cultural heritage to future generations.

Turkish Music

Musical elements belonging to Turkish communities living in Central Asia and Anatolia; Turkish mythology (humanity, creation, religious rituals, and festivals, etc.); mythological elements in the Turkish Folk Music repertoire; music genres existing in Turkish States and Communities; the development of Turkish Folk Music and Turkish Classical Music throughout history; the mutual interaction of different traditions and styles related to music; examination of instruments, composers, and performers along with sample works.

History of Turkish Art

Art styles from Hun Art through the Göktürk, Uyghur, Karakhanid, Ghaznavid, Great Seljuk, Anatolian Seljuk, Beyliks, and Ottoman periods are examined comparatively along with examples of architecture, sculpture, and painting from these eras; contemporary Turkish artworks and artists starting from Republic Era Art.

Disasters and Disaster Management

Concepts of disaster and risk; disaster, risk, and harm reduction; disaster training and its importance; disaster preparedness, disaster response, disaster recovery; natural and human-induced disasters; effects of disasters on sustainable development; climate change and meteorological disasters; efforts to reduce disaster damages in Turkey and the world; earthquake regulation, effectiveness in disaster management; disaster management cycle, disaster terminology; coordination in disaster management, emergency and disaster coordination centers; ethical values in disaster management, project presentations.

Children's Literature

Development of children's literature in the world and Turkey; the importance of encountering qualified children's books during childhood and the function of children's literature works in raising thinking, sensitive individuals who have acquired a culture of reading; examination of the characteristics (design, content, and educational) that should be present in children's literature works with examples; demonstrating unqualified children's books with examples and discussing their negative effects on children's developmental characteristics; studies aimed at teacher candidates determining the suitability of the books they read and examine for children according to age groups and identifying which aspects of children's development these books will contribute to; determining the contributions of various literary genres addressing children (epic, fairy tale, poem, story, novel, etc.) and linguistic materials (counting-out rhymes, nursery rhymes, riddles, etc.) to children's development.

Child Psychology

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

Traditional Children's Games

Traditional children's games in folklore, the educational and cultural value of these games, remembering children's games in Turkish culture that are forgotten or on the verge of being forgotten and transferring them to new generations; the definition, importance, and rules of these games, traditional children's games played with adults and groups; the impact of traditional games on children's development areas; planning and implementing these games.

Primary School Textbook Review

Enabling teacher candidates to comprehend the principles used in the selection and organization of textbooks in primary school; examining textbooks used in practice in terms of the curriculum; evaluating them in terms of the theory, approach, philosophy, and curriculum elements (objective, content, teaching-learning processes, evaluation) adopted in the curriculum; and examining textbooks in terms of these elements and the criteria considered in textbook preparation (scientific language, content, and physical characteristics).

Primary School Program

Basic concepts related to educational curricula; elements, objectives (behavioral goals, learning outcomes), and domains of primary school curricula; philosophical, historical, psychological, and social foundations of primary school curricula.

Alternative Education Practices in Primary School

Geographical, social, and economic factors affecting education in Turkey, ways of meeting the educational needs of children in rural and dispersed settlements; bused education, advantages and disadvantages of bused education; regional primary boarding schools, advantages and disadvantages of regional primary boarding schools; teaching in multigrade classes, reasons leading to multigrade classes, basic foundations and methods of teaching in multigrade classes, planning of teaching in multigrade classes, classroom management and evaluation activities, and duties and responsibilities of teachers in multigrade classes, multigrade teaching practices in the world.

Inclusive Language Teaching

In this course, emphasis is placed on the preparation and implementation of enriched language teaching activities to develop the language skills of students who, despite having no identifiable mental or physical disability, have failed to acquire reading, writing, speaking, listening, and visual literacy skills appropriate to their level; techniques, methods, and activities regarding how to teach literacy to children whose native language is different are addressed; issues regarding how to provide instruction for students who have come to school from different socio-economic backgrounds with varying levels of prior knowledge and thus experience problems in acquiring and using language skills, as well as students who cannot adequately acquire and use language skills due to various reasons in the school and home environment (change of teacher, inability to adapt, inadequate home conditions, domestic violence and incompatibility, etc.) are emphasized; teaching Turkish as a foreign/second language to immigrant children and the approaches, methods, techniques, and practices used in the teaching process are discussed.

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Children at Risk and Education

Risk factors and their effects, groups of children created by risk factors; children living and working on the streets, children working in specific sectors, children of broken families, children in need of protection, children prone to crime, children subjected to neglect and abuse, children at developmental risk, children living in unfavorable environmental conditions and their characteristics, critical elements in their education, measures that can be taken, projects implemented in Turkey and other countries regarding the education of children at risk.

Assessment of Classroom Learning

Measurement tools used in education and their characteristics; tools based on traditional approaches: Written exams, short-answer tests, true-false tests, multiple-choice tests, matching tests, oral exams; tools for multidimensional assessment of the student: Observation, interview, performance assessment, student portfolio, research papers, research projects, peer assessment, self-assessment, attitude scales; considerations in assessing student achievement; assessment of learning outcomes and grading.

Social Skills Training

Definition, dimensions, and the relationship between dimensions of the concept of social skill; selection of methods and techniques for providing students with social skills and generalizing skills; selection of target skills; skill analysis, modeling for the child, having children role-play, and rehearsing the skill; repeating the skill with children; evaluating children's performances; generalizing social skills and examining primary school curricula; determining skills in lessons and sample activity applications.

Children and Education in Turkish Culture

Definition of culture; relationship between education and culture; the place of culture in child development and education; development and characteristics of Turkish culture; children in Turkish culture; the place and value of children in Turkish society and family; child education in Turkish culture from past to present, its characteristics and elements.