

Al-Hussein Bin Talal University
College of education
Department of Curriculum and Instruction

Course Descriptions for Bachelor in Teacher Education

Course Number	Course Name and Description	Credit Hours
Department Required Courses		
0101102	<p>Introduction to Educational Statistics:</p> <p>This course provides an introduction to the descriptive and analytical educational statistics. It deals with the definition of variables, samples, hypotheses, and the presentation of data and its frequency distributions. It also deals with the measures of central tendency, scattering parameters, the characteristics of the natural distribution curve, and the standard grades. This course examines the hypotheses related to the means of one society or two independent or non-independent societies, correlation, correlation coefficient interpretation, simple regression analysis, descriptive statistics, and the use of the Chi-Square test.</p>	3
0101111	<p>Principles of Curriculum Planning:</p> <p>The course discusses the concept of curriculum, its different perceptions, the key elements of curriculum, and the foundation of the curriculum. The course addresses the concept of planning the curriculum, planning models of the curriculum, and steps to planning the curriculum. The course includes the most important external factors that affect the planning of the school curriculum, and how to deal with the difficulties facing the process of planning the curriculum.</p>	3
0101201	<p>Introduction to Measurement and Evaluation:</p> <p>This course deals with the basic concepts and principles of measurement and evaluation and their roles in the educational process. In addition, it deals with the use of measurement and evaluation processes in the classroom teaching processes. It also deals with the types of measurements and their fields of use. The course addresses the teaching objectives and how they are formulated and categorized. It addresses the methods of verifying the psychometric properties of the tests (Validity and reliability), the methods of constructing and interpreting the options for mutable choice questions (difficulty, discrimination, and effectiveness of alternatives). The course addresses the types of the tests and evaluation without tests. Furthermore, the course addresses measures of intelligence, special abilities and psychological standards.</p>	3
0101301	<p>Principles of Education Psychology:</p> <p>This course deals with the concept, objectives, and research methods of educational psychology. Also, it covers instructional objectives, the psychology of learners regarding I.Q and motivation, development, learning theories, and their applications in education. Also, this course includes the concepts of concept learning, problem solving, transfer of learning effect, intelligence, and creativity.</p>	3
0101314	Application in Computer Education:	3

	<p>This course aims to give students a brief overview of computer education in terms of equipment and software. On the side of the software the focus is on educational software in terms of its definition, characteristics, and algorithms used in creating them. The course discusses the concept of computer education, the different cases for the use of computers in education, the development timetable for the use of computers in education, and the characteristics of the computer as teaching aids. The course also examines several educational software. The students will establish computer-oriented teaching applications.</p>	
0101452	<p>Classroom Management:</p> <p>This course involves the concept of classroom management, its objectives and theories, introduction the general principles of classroom management, their relevance, their problems and how to deal with these problems. This course deals with planning processes for the management of classroom, skills of implementation of the plans. In addition the course includes a profile of factors that leads to successful classroom management, such as management time and gaining attention. The management off psychological and material environment of the class, setting rules of classroom behavior, and its discussion.</p>	3
Major Required Courses		
0101126	<p>Islamic Jurisprudence the Related Teaching Methods:</p> <p>The course aims to introduce students to the Islamic jurisprudence. The course aims to introduce students to the general description of the Islamic jurisprudence and its characteristics. The course aims to introduce students to the Islamic jurisprudence's subject, resources, characteristics, and fields. In addition, the students would learn about the roles of Islamic jurisprudence from the time of Prophet Muhammad (pbuh) till now. In addition, the students would learn about the most famous schools of Islamic jurisprudence and about some selected Islamic jurisprudential rules.</p>	3
0101128	<p>The Prophetic Biography and the Sayings of the Prophet (pbuh) and the Related Teaching Methods:</p> <p>The course aims to introduce students to the most important stage of the life of Prophet Muhammad (pbuh) and to apply the right understanding of Prophet Muhammad (pbuh) on our current life. In relation to Sayings of Prophet Muhammad (pbuh), the course aims to introduce students to the sayings' importance, codification, and classification. In addition, the course aims to introduce students to the categories of the Sayings of Prophet Muhammad (pbuh), presenting the most important books of Sayings of Prophet Muhammad (pbuh) and the most famous narrators, and presenting the teaching methods of the Sayings of Prophet Muhammad (pbuh).</p>	3
0101134	<p>Designing and Production Instructional Materials:</p> <p>This course deals with the concept of educational communication its elements and components. The course discusses audio-visual teaching aids, in terms of their characteristics, significance, classification, use, selection criteria, relationship to technology, and its role in the processes of learning and education. This course discusses the impact of cognition and communication in the design of educational materials of all kinds such as transparencies, slides, audio tapes and video tapes, and computer. On the practical side the foundations of teaching aids are covered, with practical application about the design, production, and use of educational materials in various academic settings with a focus on the use of application software in the computer field.</p>	3

0101141	Mathematical Concepts and its Teaching Methods (1): This course aims to identify the groups (Union, intersection, complement, group total, subset, etc.) relations and Functions, Mathematical Logic and equity phrases and the comic phrases in full and partial. The course deals with the concept of mathematical proof and the different ways of proof. The course discusses the philosophy of mathematics, its nature, objectives of teaching math in the first four grades, and finally to identify international tests in mathematics and the status of Jordan in this field.	3
0101217	Writing Skills and its Teaching Methods: This course deals with the concept of writing, in terms foundations, and its skills for primary students. This course deals with the concept of spelling and its importance, purpose, types and methods of its teaching in all kinds, how to correct spelling, spelling errors, methods of treatment; the concept of expression and its importance, objectives of teaching, types, and how teach every kind, and evaluation the students' performance and the means of treatment, and the concept of the writing and its importance, objectives, and steps to main-line education, and methods of evaluating the performance of students, and means of care and the relationship of writing and other language skills.	3
0101224	Recitation of holy Quran and the related Teaching Methods: The course aims to teach the students how to recite the Holy Quran without errors . It aims to develop students' abilities and skills in pronunciation of Arabic letters and their rules. In addition, the course aims to introduce the students to the rules governing pronunciation during recitation of the holy Quran in relation to vowel-less letters, thickness and thinness. The course include an introduction to the science of recitation and its origin, resources, importance, and benefits. In addition the student would practically learn how to recite two parts from the Holy Quran.	3
0102227	Children's Language and Cognitive Progress This course deals with the development of linguistic methods and means of developing children's willingness to have to acquire the four language skills: listening, speaking, reading, writing, and integration of these skills, techniques of the development and evaluation of these skills among students. The course discusses the employment of grammatical rules and morphological in linguistic communication, Behavioral indicators function on the possession of children for those skills, and the nature of relationships between language skills. The course deals with the Skills of design experiences integrated and language activities for beginners to the development of language abilities of children as well as the definition of entries in modern language learning as the linguistic macro, and action-oriented entry .	3
0101233	Arab World Geography and the Related Teaching Methods The course aims to introduce students to the Arab world geography and the teaching methods of this subject for the early grades students. In addition, the course aims to introduce students to the explanation of the natural and the human geographical phenomena in Jordan and in the Arab world in order to improve students' abilities to analyze the spatial relationships between the human beings and the natural environment. Furthermore, the course aims to introduce students to some geographical concepts that include natural, water, plant, animal and mineral resources; energy	3

	sources; topography; the natural environment; natural human, climate and political maps, forms of the earth's surface, and population distribution in the Arab world; the desertification and environmental pollution and climate. The course aims to introduce students to the methods of teaching geographical concepts and to make educational plans for teaching these concepts.	
0101234	<p>Contemporary Arab History and the Related Teaching Method</p> <p>The course aims to introduce students to the contemporary history of the Arabs since the Ottoman era, through the European colonization of the Arab world, through the stages of independence and the building of Arab national state. In addition, The course aims to introduce students to the history of modern Jordan. The course addresses the concepts related to social studies curriculum, instruction and facts. The student in this course would positively interact with its components, activities, requirements, readings and references and sources in order to acquire the scientific knowledge and its practical applications in the following areas: viewing pages of contemporary Arab history; learning about the history of modern Jordan; analysing knowledge, skills, values and historical trends in educational curricula; understanding the concept of social studies and the related teaching methods, and examining the main social sciences aspects and curriculum.</p>	3
0101240	<p>Basic Mathematical Concepts and its Teaching Methods (2)</p> <p>This course discusses the assessment process in the operations on integers, and the process of division as mental process and how to teach them. This course deals with Fractions (rational numbers) and operations on them, solving inequalities and equations. This course deals with simple identification of matrices such as the kinds of calculations using them, find determinants and inverse matrices. This course discusses math curricula in the classroom and Modern Trends in Mathematical Teaching (1-4) and practical applications to analyze the mathematical concepts, generalizations, skills and algorithms, as well as how to resolve the mathematical exercises and ways of learning and education for children with a focus on action-oriented structural.</p>	3
0101248	<p>Basic Science Concepts and its Teaching Methods (1):</p> <p>This course deals with the principles of life sciences, earth and space sciences, in terms of classification of organisms and their characteristics, needs, and relationships among them. This course deals with cell, tissue, organs and systems, and the human body, health, plants and their characteristics, genetics, and developments in biology such as genetic engineering and cloning and map genes and genetically engineered food. This course deals with components of the universe characteristics and its inception, the earth, the sun, the moon, geological processes, meteorology and its role in human life. In addition this course deals with the methods of teaching these topics, and highlight the action-oriented and constructivist teaching methods based on it such as cooperative education and conceptual maps, and scientific projects.</p>	3
0101249	<p>Basic Science Concepts and its Teaching Methods (2):</p> <p>This course deals with the concepts of chemical and physical properties as follows: matter, energy, magnets, electricity and electric charges, heat, sound, light, force and motion (mass, weight, movement, speed, friction, laws of motion), material and properties, cases of material, changes of the material and water, and chemical reactions. In addition, the course discusses the methods of teaching these topics, to highlight the nature of science, education of different kinds of concepts and</p>	3

	generalizations, to address concepts and alternative methods of teaching science based on discovery and inquiry, problem solving, and action-oriented in teaching science.	
0101255	English Language Concepts for a Class Teacher: The course addresses the concept of vocabulary development, linguistic structures, and the basics of English grammar.	3
0101300	Modern Educational Problems: The course aims to teach the student about educational problems facing the school administration, teachers and students in the school and how to solve problems which may arise in the future while they are working in schools. The student is expected after the completion of this course to be able to: <ol style="list-style-type: none"> 1. Understand the concept of the issue or problem and develop hypotheses that cause them 2. Identifying how to resolve problem and overcome it. 3. To identify the problems relating to school administration. 4. To identify the problems relating to teachers. 5. To identify problems that are related to students. 6. Training students to solve some of the problems facing them 	3
0101318	Reading Skills and its Teaching Methods: This course deals with the concept of reading and its development. The course describes the process of reading, the objectives of learning, its relationship with language skills, methods of teaching reading in the elementary schools, applied examples, types of reading, steps of the teaching of every kind, evaluating the performance of students in reading, reading comprehension, issues in reading such as: Reading retardation, methods of treatment, the concept of listening, its objectives and functions, the nature of the process of listening, its skills and methods of teaching, and its relationship to other language skills.	3
0101352	Methods of Teaching Social Studies /Class Teacher: This course includes the concept of social studies curricula, introduction of social science which they are derived from , and social studies curricula cognitive, social, and emotional components. It describes the philosophy of social studies curricula, its general objectives, the included thinking skills, and the teaching methods of social studies in primary schools (as a problem solving , dialogue, discussion, brainstorming, and collaborative learning) . The course studies resources and educational tools needed to teach and to evaluate social study courses ,the course deals with the analysis of content and planning on daily and quarterly basis , and the most recent trends in social studies curricula, and practical models of teaching and evaluation of these models.	3
0101354	Language Concepts and its Methods of Teaching: This course deals with the concept of pattern language and language structures, methods of development, and the basics of Arabic grammar such as simple nominal sentences, simple verbs, and the common methods in everyday use. The courses show students how to distinguish between the meanings of male and female forms, and to refer to two, group, text , the case of cause object in its simple pictures. Noesb cases, act present tense, Joazemh, prepositions and adverbs. To clarify the procedural steps for the teaching of language structures and the differences between teaching and the	3

	teaching of grammatical concepts, and morphological. To discuss the numbering, spelling basic issues and methods of teaching.	
0101451	<p>Methodology of Artistic and Vocational Education:</p> <p>This course deals with the concept of art and vocational education. It includes a brief overview on the art of cultures, schools of modern art, artistic taste and artistic criticism, the developmental stages of artistic expression in children, art education for creative and Retarded children, the role of the family and the school in encouraging children to art, theories of color and techniques, and the Islamic decoration. The course deals with the practical implementation and realization of students' various artistic abilities in order to develop technical skills and techniques needed for implementation.</p>	3
0101454	<p>Method of Teaching Physical Education:</p> <p>This course deals with concepts of basic skills of physical education and the importance of physical fitness and analyzing the physical, health and cognitive objectives. Also, covers the micro and macro fitness from the scientists' and researchers' viewpoints. , health and cognitive fitness. The course covers the generalization and privacy in physical education as it is seen by scientists. Again, it covers the behavioral objectives that the physical education teacher has , planning teaching units as it is classified by Bloom and Benjamin for educational objectives in addition to the psychomotor and affective domains.</p>	3
0101453	<p>English Teaching Methods for The First Three Grades</p> <p>The course aims at teaching students the four English Language skills (listening, speaking, reading, and writing). This will be done through the passage which students are going to be introduce to. The overall objectives of the course are to help prospective and practicing teachers to increase their abilities of English in order to promote, meaningful language practice.</p>	3
0101491	<p>Teaching Practice (1) - Class Teacher:</p> <p>This course aims to train students to implement many of the skills and concepts studied in previous years in practice, such as breaking down the content of textbooks and design plans, daily, quarterly, training to design assessment tools of various types, the design of teaching aids, and then to apply teaching the group and teacher for training to manage classroom situations and deal with them, ask questions and raise classroom interaction and the use of proper promotion and other topics of applied teacher deems appropriate for this course (this course requires the presence of textbooks with students on an ongoing basis).</p>	3
0101492	<p>Teaching Practice (2) - Class Teacher:</p> <p>This course requires the student to be enrolled in the program of teaching practice which starts at the beginning of the seasonal semesters of university I and II, which will run four consecutive days beginning on Sunday and ends on Wednesday, and at half past seven am to twelve and a half pm . The student intern watching real teaching practices at the beginning of this program and then start the practical application under the supervision of the school director and collaborative teacher , and in the order and direction set by the Teacher course appropriate for this purpose, so that A student all the activities of the school day and take any educational functions in him by manager / director of the school</p>	3

Major Elective Courses		
0101221	School and Society This course deals with the concept of school, its importance and function, the interrelationship between the school and the community through history, and the future aspirations of this relationship that have been added. The course discusses the concept of democracy and its characteristics, components, and their relationship to education and society.	3
0101225	Islamic faith and the related teaching methods The course aims to introduce students to the definition of Islamic faith, its importance and the need for it. The course shows and explains the impact of Islamic faith on the individual and society, and the characteristics of the Islamic faith It also aims to show how the Quran prove Islamic faith and show the facts in relation to the existence of the Allah.	3
0101306	Developmental Psychology: The course aims to teach students about the concepts, the features, the principles, the prerequisites, the factors of development. The course includes the concepts, the features, the domains, the prerequisites of development through life-spans. Further, the course discusses the theories of development and factors affecting it; and problems faced by individual in each stage and how to prevent and treat such problems	3
0101311	Developing and Evaluating School Curriculum This course contains the concept of the evaluation, the properties of good evaluation jobs evaluation, evaluation criteria, assessment tools, assessment of learning outcomes, and justifications for curriculum development in terms of: deficiencies prevailing in the elements of the school curriculum, develop the foundations upon which this approach and future prospects - essential functions in curriculum development, the role of leadership in curriculum development, and the success criteria of the developed school curriculum.	3
0101312	Classroom Interaction This course aims to introduce the concept of classroom interaction, its importance and patterns, the most important theories that affect the interaction of classroom (such as theory of multiple intelligences, individual differences, the theory of Piaget in cognitive development, and theories of reinforcement), communication skills, classroom interaction, efficiencies of the teacher to do so, to introduce some types of personalities of learners and how properly handled, and the most prominent methods of teaching such as cooperative learning, brainstorming, dialogue and discussion. The course deals with classroom management, the roles of the teacher, the problems of classroom interaction and the appropriate solutions. The course deals with systems analysis of classroom interaction.	3
0101321	Educational System in Jordan This course deals with the concept of the educational system and its different forms, elements forces and factors influencing it internally and externally, the philosophy of the educational system of Jordan and its objectives, components, and developments the problems they are facing, and the	3

	future of the Jordanian educational system compared with the educational systems in Arab countries and developed countries.	
0101401	<p>Research Writing in Education & Psychology:</p> <p>This course contains the definition of the concept of educational research methods, skills , its importance, the method of scientific thinking, and how to resolve the problem, with emphasis on the skill of problem identification, formulation of study questions, assumptions and methods of information collection, documentation and data processing, interpretation and discovery methods of scientific knowledge in addition to the definition of variables, the study and the dependent and independent variables.</p>	3
0101421	<p>Educational Sociology</p> <p>This course considers the recruitment of knowledge and social theories in analyzing educational systems, as well as the relationship among education systems, social and economic systems, the values and families, and the nature of relations between these systems, education and socialization and social change. This course includes the study of the educational institution and groups within them, and the relationships among these groups and the impact of them on the educational process.</p>	3