



Al-Ahliyya Amman University

Faculty of Arts and Science

Major: special education

Course description of special education courses

0141602 Curriculum and Teaching Methods in Special Education {3} [3-3]

Curriculum and Teaching Methods in Special Education: Comprehensive understanding of the concept of curriculum in general and curriculum in special education in particular. It covers components and steps of the curriculum based on the theoretical background in building curriculum in special education. It will also include building the individual educational plan, the individual learning plan, the role of the family, individual and group teaching in special education. Also, this course will deal with a group of criteria to build the curriculum, demands and considerations related to the special need of each student.

Prerequisite: 0141501 Introduction to Special Education

0141603 Learning Disabilities {3} [3-3]

Learning Disabilities: Understanding of the causes, types, and classifications of learning disabilities; of the psychological, social, emotional, and cognitive characteristics of students with learning disabilities, and the historical development relating to learning disabilities and educational programs and services. It will also provide ways of assessment and evaluation, teaching strategies for students with learning disabilities.

Prerequisite: 0141501 Introduction to Special Education

0141604 Mental Disability {3} [3-3]

Mental Disability: Mental retardation, in terms of causes and ways of prevention and incident percentage. It will also provide in depth knowledge of developmental, emotional, behavioral, and cognitive types, physical characteristics, educational considerations, methods of early screening and of identifying students with mental retardation, in addition to the importance of early intervention, developing interest in mental retardation according to different points of view. Also, this course will provide a review of the classifications of categories of mental retardation, building curriculum and ways of teaching students with mental retardation, vocational training and independent living.

Prerequisite: 0141501 Introduction to Special Education

0141605 Visual Disability {3} [3-3]

Visual Disability: Visual disability in terms of its causes and ways of prevention and incident percentage. It will also provide in depth knowledge of the developmental, emotional, behavioral, cognitive, and psychosocial characteristics of visual disability. It will also focus on the educational considerations, methods of early screening and identifying students with visual disability and the importance of early intervention. Also, Review of the classifications of categories of visual disability, building

curriculum and ways of teaching students with visual disability, educational alternatives, vocational training, mobility techniques and visual aids and independent living skills.

Prerequisite: 0141501 Introduction to Special Education

0142602 Hearing Disability {3} [3-3]

Hearing Disability: Hearing disability, causes and ways of prevention, incident percentage. It will also provide in depth knowledge of the developmental, emotional, and behavioral, and cognition, and psychosocial characteristics, and educational considerations, methods of early screening and identifying students with hearing disability and the importance of early intervention. Also, this course will provide a review of the classifications of categories of hearing disability, building curriculum and ways of teaching students with hearing disability, ways of communication and hearing aids.

Prerequisite: 0141501 Introduction to Special Education

0142603 Autism {3} [3-3]

Autism : Autism as an independent category of special education. It will also provide in depth knowledge of autism in terms of its classification (developmental, emotional, behavioral, and cognitive) its incident percentage, physical and psychosocial characteristics, and causes and ways of prevention. Autism will also be dealt with from the following perspectives: education, methods of screening and identification by parents and teachers through checklists and self rating scales, the importance of early intervention, and using behavior modification techniques to eliminate maladaptive behaviors. Also, this course will provide a review of retardation correspondent for autism such as mental retardation and communication disorders, in addition to common characteristics of autistic children, and ways of medical and behavioral treatment.

Prerequisite: 0141501 Introduction to Special Education

0142604 Physical and Health Disability {3} [3-3]

Physical and Health Disability: Physical and health disability in terms of its causes and ways of prevention and incident percentage. It will also provide in depth knowledge of the developmental, emotional, behavioral, cognitive, and psychosocial and physical characteristics of health disability, and of educational considerations, methods of early screening and identifying students with visual disability and the importance of early intervention. Also, Review of the classifications of categories of physical and health disability according to the affected origin or the nature of the impairment, educational alternatives and needed environmental modifications, mobility and moving, compensatory equipments and independent living skills.

Prerequisite: 0141501 Introduction to Special Education

0142601 Behavior Disorders {3} [3-3]

Behavior Disorders: Behavioral disorders as an independent category of special education. It will also provide in depth knowledge of behavior disorders in terms of their classification (developmental, emotional, behavioral, and cognitive) their incident percentage, physical and psychosocial characteristics, and causes and ways of prevention. Behavior disorders will also be dealt with from the following perspectives: education, methods of screening and identification by parents and teachers through checklists and self rating scales, the importance of early intervention, and using behavior modification techniques to eliminate maladaptive behaviors. Also,

this course will provide a review of the theoretical backgrounds of the behavioral disorders.

***Prerequisite:* 0141501 Introduction to Special Education**

0143101 Early Intervention {3} [3-3]

Early Intervention: Early intervention, its development as a major field in special education and its justifications, basic concepts and principles, including the specificity of each category in special education. It will also provide in depth treatment of the disability issue in general and the importance of providing special education services in early childhood, training programs for staff in the Multi-Functional Team (MFT), the efficacy of early intervention and samples of such programs, the concentration being on early detection of disabilities. This course will also provide samples of approaches to administrate global early intervention programs and the role of family and local communities in such programs through the Community Based Approach (CBA).

***Prerequisite:* 0141501 Introduction to Special Education**

0143202 Talent and Giftedness {3} [3-3]

Talent and Giftedness: Talent and giftedness by providing in depth knowledge of the emotional, behavioral, cognitive, and psychosocial characteristics of talented and gifted students, and by investigating ways of identifying talented and gifted students through rating scales by teachers and parents, and by talent and giftedness training. It will also provide a review of the theoretical background of talent and giftedness, levels and components of giftedness, giftedness as a process, specialized educational programs for talented and gifted students such as enrichment and acceleration, and educational considerations that should be given priority when teaching talented and gifted students.

***Prerequisite:* 0141501 Introduction to Special Education**

0143603 Assessment and Evaluation in Special Education {3} [3-3]

Assessment and Evaluation in Special Education: Assessment and evaluation in special education, types of assessment and ways of evaluation of different categories of disability, with increased focusing on early detection in special education. Also, Deal with a group of tests and scales related to disability field and samples of most acceptable tests in the field

***Prerequisite:* 0141501 Introduction to Special Education+ 0133203 Principles of Psychological and Educational Measurement**

0143504 Problems of Students with Special Needs {3} [3-3]

Problems of Students with Special Needs: introduction to problems and challenges facing students with special needs in general, then in specific according to the nature of disability of each one of them. Recognizing the developmental characteristics for each category of disability. Later, this course will provide programs and services provided through special education to students with special needs in all developmental areas. Also this course will identify the available service and its weakness, the current practices and the desired one in providing such programs and solving such problems

***Prerequisite:* 0141501 Introduction to Special Education**

0144101 Creating Teaching Aids {3} [3-3]

Assessment and Evaluation in Special Education: Creating and developing teaching aids for students with special needs. It will also provide the goals of creating such aids in achieving the learning objectives in the individual educational plan for students with special needs as a response to those needs.

***Prerequisite:* 0141501 Introduction to Special Education**

0144603 English Readings in Special Education {3} [3-3]

English Readings in Special Education: Concepts and terms in special education in English to give the student the opportunity to review English readings, articles and researches in special education, focusing on the last published literature in the field.

***Prerequisite:* None**

014502 Behavior Modification {3}[3-3]

Behavior modification and its applications; Basic behavioral principles and procedures: training sessions, observation, recording and interpretation.

***Prerequisite:* None**

0144620 Practicum in Special Education {12} [12-24]

Practicum in Special Education: Apply knowledge and skills he/she got in special education centers for moderate and severe disabilities and in schools for students with learning disabilities. Provide practical experience to students to conduct assessments and evaluation and life skills training for disabled children.

***Prerequisite:* None**

0131101 Introduction of Psychology {3} [3-3]

Principals of Psychology: introduces the discipline of psychology and its historical development. It explores different types and approaches to psychology, the effect of physiological and environmental variables on human behavior. A special emphasis is given to learning processes, perception, memory, motivation, personality and types of psychological disorders.

***Prerequisite:* None**

0131102 Developmental Psychology {3} [3-3]

Developmental Psychology: a general introduction to human development from infancy to adulthood. Physical, mental, emotional and social aspects of development are examined along with those the specific problems encountered at each stage

***Prerequisite:* 0131101 Introduction of Psychology**

0131201 Statistics in Psychology {3} [3-3]

Statistics and its applications; Data collection; Summary procedures; Calculation of central tendency and spread measure; Regression; Probability; Normal distribution, Linear transformation. Sampling and populations Statistical proof; Hypothesis testing for means; Percents; Variances; Correlations; Statistical applications: SPSS,NCSS program.

***Prerequisite:* None**

0132501 Principles of Psychological and Educational Counseling {3}{3-3}

Counseling: principles, processes and theories. Improving students' skills in communication: listening, diagnoses; Techniques of counseling.

Prerequisite: : 0131201 Statistics in Psychology

0133203 Principles of Psychological and Educational Measurement {3} [3-3]

Principles of Psychological and Educational Measurement: Reviews the field of measurement and evaluation and its philosophy. It introduces the student to the properties, validity, reliability and objectivity of psychometric test construction, and the use of score transformation. Construction of psychological tests and achievement tests and the interpretation of their results are also studied.

Prerequisite: 0131201 Statistics in Psychology

0131103 Learning Psychology {3}{3-3}

Learning and cognition; Major theories relating to associative learning: classical and operant conditioning; Observational learning; Cognitive models of learning; Models of information processing.

Prerequisite: 0131101 Introduction of Psychology

0131104 Educational Psychology {3}{3-3}

Educational issues in the field of teaching and learning: theories of cognitive and moral development during childhood and adolescence, behavioral and cognitive theories of learning; Effective instruction strategies; Motivation; Individual differences; Memory, Forgetting; Attention, perception; Intelligence theories.

Prerequisite: 0131101 Introduction of Psychology

0132201 Physiological Psychology {3}{3-3}

Functions of the nervous; Endocrine and sensory systems as they relate to behavior; Information processing; Perceptions and emotions of the human organism.

Prerequisite: None

0132502 Mental Health {3}{3-3}

Analysis of adjustment processes; Consequences of over-exposure to stress; Coping processes and stress management strategies; Diagnosis and treatment forms of maladjusted behavior; psychological disorders.

Prerequisite: 0131101 Introduction of Psychology

0133503 Abnormal Psychology {3}{3-3}

Criteria by which human behavior is defined as normal or abnormal; Description of symptoms; Therapy and prognosis of the various abnormal reaction patterns according to the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV.TR).

Prerequisite: 0132502 Mental Health

0141102 The Basics of Caring in Early Childhood {3} [3-3]

The basics of caring in early childhood: Basic principles of caring the child in the first years. This course includes concepts related to child care in the mental, social, psychological, emotional; and motor development. Deals with the problems that may encounter parents in caring the child, and the interrelationships between the child and

the parents, and their effects on a child's development in various areas of development. The course also offers patterns of best practices of parental child-rearing in this developmental stage.

Prerequisite: None

014210 Curricula and Teaching Methods in Education {3} [3-3]

Curricula and teaching methods in education: concepts of the curriculum, such as building and design of the curriculum according to the educational needs of the student, and the types of curriculum, and its sources, and new trends in the construction and development of the curriculum. Identify students with the process of teaching and different concepts associated with it, such as learning, school education, and the elements of teaching process, and different theories of learning, and the role of teachers in the design and implementation of teaching, learner characteristics and needs, and educational goals and their sources, and evaluating the effectiveness of teaching.

Prerequisite: 0141501 Introduction to Special Education

0143505 Assistive Aids in Special Education {3} [3-3]

Assistive Aids in Special Education: The nature of supportive aids needed for the disabled through modifications in the teaching and vocational programs to provide them with the opportunity to reach maximum degrees of adaptation and independent life according to their mental and physical abilities and their own needs.

Prerequisite: 0141501 Introduction to Special Education

0143606 Speech and Language Disorders {3} [3-3]

Speech and Language Disorders: Importance of language as a way of communication, the process of communication and language development as an introduction to speech and language disorders, causes and classifications. It will also provide ways for assessment and evaluation of speech and language disorders, therapy and educational intervention, educational alternatives and teaching methods for students with speech and language disorders.

Prerequisite: None

0144404 Counseling for **Parents of Individuals with Special Needs {3} [3-3]**

Counseling for Parents of Individuals with Special Needs: The psychological and social effects of disability on disabled individuals and their families, and to give an introduction for the counseling skills in general. It will then focus on counseling families of individuals with special needs according to the specific needs of each category of special education taking into consideration social and cultural differences.

Prerequisite: None

014401 Integrating the Disabled {3} [3-3]

Definition of integration, its stages and development. the attendees of special education towards Time-Out and integration, alternatives, integration team, The team of individual educational plan, Measurements and evaluation the integrated students, programs and application, on integration.

Prerequisite: None

