

## STUDY PLAN

### MASTER IN (Curriculum & Instruction/Educational Technology) (Non - Thesis Track)

#### I. GENERAL RULES CONDITIONS:

|             |  |      |   |
|-------------|--|------|---|
| Plan Number |  | 2005 | N |
|-------------|--|------|---|

1. This plan conforms to the regulations of the Valid Regulations of programs of graduate studies.
2. Areas of specialty of admission in this program:
  - Holders of the Bachelor's degree in:
    - a- Any Discipline

#### II. SPECIAL CONDITIONS: None.

#### III. THE STUDY PLAN : ( 33) Credit Hours as follows:

##### 1. Obligatory courses: (24) Credit Hours as follows:

| Course No. | Course Title                        | Credit hrs. | Theory | Prac. | Pre-requisite |
|------------|-------------------------------------|-------------|--------|-------|---------------|
| 0801710    | Educational Psychology              | 3           | 3      | -     | -             |
| 0801740    | Research Methodology in Education   | 3           | 3      | -     | -             |
| 0802710    | Curriculum Planning                 | 3           | 3      | -     | -             |
| 0802712    | Curriculum Analysis                 | 3           | 3      | -     | -             |
| 0802780    | Computer in Education               | 3           | 3      | -     | -             |
| 0802781    | Instructional Technology            | 3           | 3      | -     | -             |
| 0802782    | Instructional Design                | 3           | 3      | -     | -             |
| 0802783    | Computerized Instructional Programs | 3           | 3      | -     | -             |

##### 2. Elective Courses: (9) Credit hours from the following:

| Course No. | Course Title  | Credit hrs. | Theory | Prac. | Pre-requisite |
|------------|---|-------------|--------|-------|---------------|
| 0802711    | Theory and Research in Instruction                                    | 3           | 3      | -     | -             |
| 0802784    | Current Issues in Educational Technology                              | 3           | 3      | -     | -             |
| 0802785    | Design and utilization of individualized and group learning materials | 3           | 3      | -     | -             |
| 0802786    | Distance Learning   | 3           | 3      | -     | -             |
| 0801750    | Using computer in educational data analysis                           | 3           | 3      | -     | -             |

##### 3. A comprehensive Exam (0802798).

## STUDY PLAN

### MASTER IN (Curriculum and Instruction/Educational Technology) (Thesis Track)

|             |  |      |   |
|-------------|--|------|---|
| Plan Number |  | 2005 | T |
|-------------|--|------|---|

#### I. GENERAL RULES CONDITIONS:

1. This plan conforms to the regulations of the Valid Regulations of programs of graduate studies.
2. Areas of specialty of admission in this program:
  - Holders of the Bachelor's degree in:
    - a- Any Discipline

#### II. SPECIAL CONDITIONS: None.

#### III. THE STUDY PLAN : ( 33) Credit Hours as follows:

##### a. Obligatory courses: (18) Credit Hours as follows:

| Course No. | Course Title                        | Credit hrs. | Theory | Prac. | Pre-requisite |
|------------|-------------------------------------|-------------|--------|-------|---------------|
| 0801740    | Research Methodology in Education   | 3           | 3      | -     | -             |
| 0802710    | Curriculum Planning                 | 3           | 3      | -     | -             |
| 0802780    | Computer in Education               | 3           | 3      | -     | -             |
| 0802781    | Instructional Technology            | 3           | 3      | -     | -             |
| 0802783    | Computerized Instructional Programs | 3           | 3      | -     | -             |
| 0802782    | Instructional Design                | 3           | 3      | -     | -             |

##### 2. Elective Courses: (6) Credit hours from the following:

| Course No. | Course Title  | Credit hrs. | Theory | Prac. | Pre-requisite |
|------------|---|-------------|--------|-------|---------------|
| 0802784    | Current Issues in Educational Technology                              | 3           | 3      | -     | -             |
| 0802785    | Design and utilization of individualized and group learning materials | 3           | 3      | -     | -             |
| 0802786    | Distance Learning   | 3           | 3      | -     | -             |
| 0801750    | Using computer in educational data analysis                           | 3           | 3      | -     | -             |
| 0801710    | Educational Psychology  | 3           | 3      | -     | -             |
| 0802712    | Curriculum Analysis   | 3           | 3      | -     | -             |

##### 3. Thesis (9) Credit hours (0802799).

**0801710 Educational Psychology****(3 credit hrs)****Prerequisite: ( None )**

This course is concerned with the learning-teaching process in the classroom. It deals with educational and instructional objectives, students developmental characteristics, learning process and outcomes. These issues will be dealt with from behavioral and cognitive perspectives. The course also focuses on the practical aspects of these theories. Teachers characteristics and training also will be discussed, and how they will match students' characteristics and learning styles.

**080271 0 Curriculum Planning****( 3 Credit hours )****Prerequisite: ( None )**

Concept of curriculum and its different conceptions; explicit hidden and null curricula; Basic curriculum planning paradigms: the analytical (Tyier & Johnson models), the critical (Freire's model); curriculum designing: formulating curriculum goals and objectives, selection of content and learning experiences, organization of content and learning experiences, methods of instruction and learning; curriculum evaluation; curriculum implementation and curriculum quality control.

**080271 1 Theory and Research in Instruction****( 3 Credit hours )****Prerequisite: ( None )**

Concepts and elements of instruction, teaching and learning; Instructional models: behaviorist, cognitive, social psychological, and humanistic; the constructivistic model; Research on instruction: the effectiveness model (process-product); Research on planning for instruction, instruction as decision making and adapting instruction to individual differences; Research on effectiveness of: teaching by inquiry, teaching by experience, project-based learning, problem solving, learning by cases and case history, simulations, role playing and team teaching; factors influencing instructional productivity: content, learners' and teacher's characteristic; learning environment; Evaluation of instruction.

**080271 2 Curriculum Analysis****( 3 Credit hours )****Prerequisite: ( None )**

Concept and purpose of curriculum analysis; differences between Curriculum analysis and curriculum evaluation; Elements of curriculum analysis; curriculum logic and philosophy; analysis of goals; criteria of

content selection, curriculum organization: organizing foci, principles of organization & organizational structures: Learning and instructional models; focus in curriculum, evaluation; curriculum coherence.

**0802780 Computers in Education**

**( 3 Credit hours )**

**Prerequisite: ( None )**

This course deals with the concept of computer as a device; the role of computer technology in the learning and teaching process; Computer-Aided Instruction; Computer-managed instruction; Computer applications in education; Evaluating educational computer programs; Internet and its use in education; Data processing and statistical packages.

**0802781 Instructional Technology**

**( 3 Credit hours )**

**Prerequisite: ( None )**

The course focuses on the concept of Instructional Technology, and its relation to system approach. The new role of Learner and instructor, relationship between instructional technology and information technology, networking and multimedia, open learning techniques. It, also, introduces the barriers to educational technology transfer and future trends and research on instructional technology.

**0802782 Instructional Design**

**( 3 Credit hours )**

**Prerequisite: ( None )**

Using selected principles from behavior science (perception, memory, attitudes, concepts)s students analysis and design instructional message. A systematic process for instructional development is employed. Also this course aims to: Introduces the major components of the instructional systems development process from needs analysis through evaluation and implementation; provide the students with the technical and cognitive adequacies need for the design of teaching; enable the students to practice the design of effective and appealing instruction based on principles from instructional theory.

**0802783 Computerized Instructional Programs**

**( 3 Credit hours )**

**Prerequisite: ( None )**

This course will focus on computerized instructional packages such as, Authorware and Director to use it to design an interactive instructional

programs; Computer packages for Mathematical and symbolic manipulations such as, Mathematics windows environment; Internet and its use in education, and how to design a web home page.

**0802784 Current Issues in Educational Technology**

**( 3 Credit hours )**

**Prerequisite: ( None )**

This course includes topics that are related to distance learning; its concepts, justifications, historical and theoretical perspectives, its relationship with education technology, open universities; designing, producing & using instructional materials. Using advanced information technology in human communication; satellites; e-mail; teleconference, hypermedia in addition to printed materials. This course is also concerned with the barriers of distance learning & exam of open universities such as the British open university, Al-Qudes.

**0802785 Design and Utilization of Individualized and Group Learning Materials**

**( 3 Credit hours )**

**Prerequisite: ( None)**

The main objective of this course is to develop student's skills in designing, producing, using and evaluating individualized and group learning materials. The course also introduces the Psychological, educational basis of design, utilization guidelines and criteria for producing and evaluating instructional materials.

**0802786 Distance Learning**

**( 3 Credit hours )**

**Prerequisite: ( None)**

This course includes topics that are related to distance learning; its concepts, justifications, historical and theoretical perspectives, its relationship with education technology, open universities; designing, producing & using instructional materials. Using advanced information technology in human communication; satellites; e-mail; teleconference, hypermedia in addition to printed materials. This course is also concerned with the barriers of distance learning & exam of open universities such as the British open university, Al-Qudes.

**0801750 Using Computer in Educational Data Analysis**  
**(3 Credit hrs) Prerequisite: (None )**

This course deals with using SPSS and SAS in analyzing educational data. It focuses on organizing data, data entry and using the software commands to examine and analyze data, using various descriptive, inferential, non parametric and advanced statistical techniques. In addition to Data interpretation and writing reports.

**0801740 Research Methodology in Education**

**(3 credit hours) Prerequisite (none)**

This course deals with methodologies of educational research: identifying the research problem, questions and hypotheses, literature review, methods of sampling, research design, instrumentation, data collection and data analysis using descriptive statistics (frequencies, means, variance and standard deviation) and inferential statistics (chi-square, *t*-Test, regression and ANOVA etc.....).