

## STUDY PLAN

### MASTER IN Educational Psychology / Measurement and Evaluation (Thesis Track)

Plan Number			2005	T
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#### I. GENERAL RULES CONDITIONS:

1. This plan conforms to the regulations of the general frame of the programs of graduate studies.
2. Areas of specialty of admission in this program:
  - Holders of the Bachelor's degree in:
    - 1- Psychology
    - 2- Special Education or Counseling
    - 3- Mathematics
    - 4- Science
    - 5-Field Teacher/science
    - 6-Field Teacher/Mathematics
    - 7-Field Teacher/English
    - 8- in any field

#### II. SPECIAL CONDITIONS: None.

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

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

Course No.	Course Title	Credit hrs.	Theory	Prac.	Pre-request
0801701	Theories of Development and their Applications	3	-		-
0801710	Educational Psychology	3	-		-
0801720	Theory of Test Development	3	-		-
0801723	Interests, Attitudes and values Assessment	3	-		-
0801722	Classroom Assessment	3	-		-
0801741	Methods of Research Design	3	-		-

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

Course No.	Course Title	Credit hrs.	Theory	Prac.	Pre-request
0801711	Learning and Instruction Theories	3	-		-
0801721	Child' Development Evaluation	3	-		-
0801745	Inferential statistics	3	-		-
0801725	Methods of Individual Assessment	3	-		-
0801750	Using Computer in Data Analysis	3	-		-
0801724	Personality assessment	3	-		-

##### 3. Thesis: 9 Credit hours (thesis number 0801799).

## STUDY PLAN

### MASTER IN Educational Psychology / Measurement and Evaluation (None Thesis Track)

Plan Number			2005	N
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#### I. GENERAL RULES CONDITIONS:

1. This plan conforms to the regulations of the general frame of the programs of graduate studies.
2. Areas of specialty of admission in this program:
  - Holders of the Bachelor's degree in:
    - 1- Psychology
    - 2- Special Education or Counseling
    - 3- Mathematics
    - 4- Science
    - 5-Field Teacher/science
    - 6-Field Teacher/Mathematics
    - 7-Field Teacher/English
    - 8- in any field

#### 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-request
0801701	Theories of Development and their Applications	3	-		-
0801710	Educational Psychology	3	-		-
0801720	Theory of Test Development	3	-		-
0801722	Classroom Assessment	3	-		-
0801723	Interests, Attitudes and values Assessment	3	-		-
0801725	Methods of Individual Assessment	3	-		-
0801741	Methods of Research Design	3	-		-
0801750	Using Computer in Data Analysis	3	-		-

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

Course No.	Course Title	Credit hrs.	Theory	Prac.	Pre-request
0801705	Child Psychology	3	-		-
0801711	Learning and Instruction Theories	3	-		-
0801712	Teaching Thinking	3	-		-
0801721	Child' Development Evaluation	3	-		-
0801724	Personality Assessment	3	-		-
0801745	Inferential statistics	3	-		-

##### 3. A comprehensive exam (Number 0801798).

### Course Descriptions

#### M.A Educational Psychology Measurement and Evaluation

#### 0801701 Theories of Development and their Applications

(3 credit Hrs)

This course focuses on general concepts in development, from the various theoretical perspectives. The following theories and their

applications will be discussed: Early approaches (Rousseau, Gesell, Havighurst), Biological foundation: ethological theory, Behavioral theories: (Sears, Bandura, Skinner), Analytical theories (Freud, Erikson), Cognitive theories and Information processing: (Piaget, vigotsky), and Moral Development (Kolberg).

**0801705 Child Psychology (3 credit Hrs)**

This course offers an in-depth investigation of physical, cognitive, and socioemotional development from conception through childhood. Attention will be given to different theoretical perspectives and research methods.

**0801710 Educational Psychology (3 credit Hrs)**

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.

**0801711 Learning and Instruction Theories (3 credit Hrs)**

This course covers learning theories. The following issues will be discussed: behavioral theories and their applications in the field of training, behavior shaping, and program learning. Cognitive theories and their applications in the field of meaningful learning, discovery learning. Information – processing approach to learning and its application in the field of meaningful learning, memory and organizing learning material.

**0801712 Teaching Thinking (3 credit Hrs)**

This course is concerned with methods of teaching various types of thinking. It also concerned with applying the learned thinking strategies while tackling different subjects. Various programs designed to teach thinking will be also presented.

**0801720 Theory of Test Development (3 credit Hrs)**

This course is designed to help the students to gain understanding to the assumptions and concepts of classical test theory and its application to test development, in addition to develop practical skills needed to develop test. Further more, this course will introduce students to the item response theory IRT; basic concepts and the recent developments of the test theory.

**0801721 Child' Development Evaluation (3 credit Hrs)**

This course deals with preschool formal and informal assessing techniques, issues of assessing children at this age, identify cognitive, social emotional, neurological, fine and gross motor and language development indicators and how to assess each one of these indicators formally and informally. Data collection techniques, scoring and interpretation of the assessment findings.

**0801722 Classroom Assessment (3 credit Hrs)**

This course addresses the theoretical basis of classroom assessment and at application using various assessment techniques such as norm and referenced tests, observation, portfolio, and performance test in addition to assessment of classroom environment.

**0801723 Interests, Attitudes and values Assessment (3 credit Hrs)**

The Course is designed to orient students to methods of constructing interest, attitude and values tests. The student will learn about construction, selection and evaluation of wide variety of interest, attitude and values instruments and procedures. Primary emphasis will be given to relate the assessment information of interests, attitude and values to vocational guidance and counseling, employment, and military settings.

**0801724 Personality Assessment (3 credit Hrs)**

The purpose of this course is to provide basic understanding of the theoretical framework of personality assessment. It aims at providing the student with the knowledge and skills needed in developing, administering, scoring and interpreting of widely used personality tests, and how could be best utilized in the field of psychological counseling, psycho-diagnosis and include (psycho-therapy), this course will include both the projective techniques (Association techniques, completion techniques, and expression techniques) and structured measures of personality or objective tests (self-report and behavioral assessment).

**0801725 Methods of Individual Assessment (3 credit Hrs)**

This course addresses the basics of individual assessment ,focuses on assessing individually individuals general ability, personality, adjustment and interest. This course will take a practical approach in either test administration, scoring ,interpretation and report writing.

**0801740 Methods of research in education (3 credit Hrs)**

This course addresses the various educational research methodology ,identifying research problem, research questions and hypotheses literature review, target population, sampling, instrument development,

data collection and analysis using various stat descriptive techniques and simple interventional stat.

**0801741 Methods of Research Design (3 credit Hrs)**

This course focuses on true - experimental, quasi - experimental and pre-experimental designs with respect to their properties, usage and their positive and negative sides. In particular the course introduce the learner to the various designs such as: completely randomized designs, factorial, Latin-square, nested, repeated measures, the single case and the like. It also clarifies the various factors that affect both the internal and external validity of these designs. In addition, the course introduces the learner to the different statistical methods used with each design and the necessary calculations included .

**0801750 Using Computer in Data Analysis (3 credit Hrs)**

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.

**0801745 inferential statistics (3 credit Hrs)**

This course deals with principles of inferential statistics such as sampling distributions, point and interval estimation , hypothesis testing using T , Z, chi –squares and f-test and the post hoc comparison procedures.