

STUDY PLAN

MASTER IN Educational Psychology / Learning and Development (Thesis Track)

Plan Number			2005	T
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I. GENERAL RULES CONDITIONS:

1. This plan conforms to the regulations of 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	-		-
0801702	Cognitive and language Development	3	-		-
0801710	Educational Psychology	3	-		-
0801711	Learning and Instruction Theories	3	-		-
0801720	Theory of Test Development	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
0801704	Problems in Child Development	3	-		-
0801712	Teaching Thinking	3	-		-
0801714	Cognitive Enrichment Programs	3	-		-
0801721	Child' Development Evaluation	3	-		-
0801722	Classroom Assessment	3	-		-
0801745	Inferential statistics	3	-		-

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

STUDY PLAN

MASTER IN Educational Psychology / Learning and Development (None Thesis Track)

Plan Number			2005	N
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I. GENERAL RULES CONDITIONS:

This plan conforms to the regulations of programs of graduate studies.

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 as follows:

Course No.	Course Title	Credit hrs.	Theory	Prac.	Pre-request
0801701	Theories of Development and their Applications	3	-		-
0801702	Cognitive and language Development	3	-		-
0801710	Educational Psychology	3	-		-
0801711	Learning and Instruction Theories	3	-		-
0801720	Theory of Test Development	3	-		-
0801721	Child' Development Evaluation	3	-		-
0801722	Classroom Assessment	3	-		-
0801741	Methods of Research Design	3	-		-

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

Course No.	Course Title	Credit hrs.	Theory	Prac.	Pre-request
0801704	Problems in Child Development	3	-		-
0801712	Teaching Thinking	3	-		-
0801713	Creative Learning and Teaching	3	-		-
0801714	Cognitive Enrichment Programs	3	-		-
0801745	Inferential statistics	3	-		-
0805724	Behavior Modification in Special Education	3	-		-

3. A comprehensive exam (Number 0801798).

Course Descriptions

M.A Educational Psychology / Learning and Development

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).

0801702 Cognitive and language Development (3 credit Hrs)

This course tracks the development of cognition such as perception, memory, reasoning, problems solving, social cognition, knowledge representation and language development from infancy through childhood to adolescence.

0801704 Problems in Child Development (3 credit Hrs)

This course is investigates emotional, social and behavioral problems that can arise during childhood and adolescence-certain emphasis will be placed on the contribution of biological, environmental and social factors effecting children development. Strategies employed to assess and treat children will be also addressed.

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 deals with theory and practice of the learning process. It also concerned with hypotheses, classical experiments, learning unit and principles, learning theories, classical conditioning theory, trial and error, gestalt, behaviorism, deductive hypothetical, cognitive and social learning and attribution theory. In addition to instructional theories, meaningful and advanced organization, cognitive structure, learning hierarchy, cognitive representation theory, will be discussed.

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 stragies while tackling different subjects. Various programs designed to teach thinking will be also presented.

0801713 Creative Learning and Teaching (3 credit Hrs)

This course deals with creative learning and instruction the following issues will be discussed: active learning, conflict resolution, six hats, Synectic strategies, colorful thinking, Brainstorming, problem solving, alternative generation, creative priorities ordering.

0801714 Cognitive Enrichment Programs (3 credit Hrs)

This course deals with objectives, theory and cognitive Fundamental for program developing, as well as instrument, and mechanical procedures. Programs to be present: Enrichment thinking of Instruments and machines, Enrichment program of special thinking, Enrichment program of functional thinking, Enrichment program of guided thinking toward life activities such as: descion making, priorities thinking, selection, self- management thinking, and dependent internal thinking.

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 indictors formally and informally. Data collection techniques, scoring and interpretation of the assessment findings.

0801722 Classroom Assessment (3 credit Hrs)

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

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.

0801740 methods of research in education (3 credit Hrs)

This course deals with various educational research methodology; defining 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 .

0805734 Behavior Modification in Special Education (3 credit Hrs)

This course deals with Designing and implementing behavior modification programs in the field of special education; practical application of behavior modification with individuals with special needs; meta analysis of behavior modification research with individuals with special needs ; single subject designs and their alternatives; legal and ethical considerations of behavior modification in the field of special education ; parent training in designing and implementing behavior modification techniques with their children; recent studies in the area of behavior modification in special education field .