### **CURRICULUM**

DEPARTMENT OF EDUCATION AND SOCIAL WELL-BEING STATE DEPARTMENT OF EDUCATION (SEBS-ISEP) DEPARTMENT OF HIGHER EDUCATION AND RESEARCH

### CENTRO DE ENSEÑANZA TÉCNICA Y SUPERIOR (CETYS) Name of Institution

Master Degree in Education in the Area of Special Education Name of Program

	ID: <b>MEEE 07</b>				
	From January 2008		Bachel	or Degree	
	Validity	Scho	ool Entrance	Requirem	ent
Course	Course Name	CH	RH	TH	Credits
ID					
00.740	Common Ed Axis	216	504	720	45
CS 519	Education Towards XXI Century	24	56	80	5
CS 520	Curricular and Instructional Development	24	56	80	5
CS 521	Learning Facilitation	24	56	80	5
CS 522	Technology Mediated Learning	24	56	80	5
CS 523	Learning Assessment	24	56	80	5
CS 524	Educational Research	24	56	80	5
CS 525	Educational Psychology	24	56	80	5
CS 526	Educational Administration	24	56	80	5
CS 527	General Didactics	24	56	80	5
	Elective Axis	144	240	384	24
	Elective I	36	60	96	6
	Elective II	36	60	96	6
	Elective III	36	60	96	6
	Elective IV	36	60	96	6
					_
	Major Field of Studies	36	60	96	6
CS 505	Integrating Seminar	36	60	96	6
					_
	Total	396	804	1200	75
	Mexicali, Baja California, Oct	ober 24, 200	7.		
	PRESIDENT OF	DEAN	OF EDUCAT	TION OF CE	TYS
С	ETYS UNIVERSITY SYSTEM		UNIVERSITY		-

DEAN OF HIGHER EDUCATION AND RESEARCH STATE DEPARTMENT OF **EDUCATION SEBS-ISEP** 

Mr. Ángel Montañez Aguilar

Mr. Enrique C. Blancas de la Cruz

Mrs. Esther Vaca Jiménez

# **ELECTIVE AXIS**

Students can select four of the following courses:

PS 502	Developmental Psychology
PS 518	Functional and Dysfunctional Families
PS 525	Special Education Assessment and Diagnosis
PS 526	Contrastive Analysis of Especial Education Models
PS 527	Learning Problems and Poor School Performance
PS 528	Development of Cognitive Processes
PS 530	Learning Strategies Workshop I
PS 531	Learning Strategies Workshop II

### **ELECTIVE AXIS**

Course Name:	Course ID:
Developmental Psychology	PS 502

# Placement in Curricular Map: Elective

### **Course Characteristics:**

In this course people's behavioral changes are studied through different stages in life: childhood, school age, adolescence, youth, maturity and seniority. Changes are analyzed not only from a psychological point of view but also considering the historical context and sociocultural influences in which they are developed.

### **General Learning Objectives:**

Students will be able to understand and analyze the different stages of the vital cycle of human development.

	Contents		
Topics	and subtopics of the unit:	Hours	l
1.	Evolutionary psychology as a science.	3	
2.	Research in evolutionary psychology.	3	
3.	Intrauterine period.	3	
4.	Lactation.	3	
5.	Early lactation.	3	
6.	Preschool childhood.	3	
7.	Childhood or early school age.	3	
8.	Preadolescence.	3	
9.	Adolescence.	3	
10	. Young Adulthood.	3	
11.	. Middle Adulthood.	3	
12	. Late Adulthood.	3	

- Classroom activities:
  - Presentation of topic by instructor.
  - Case discussions.
  - Invited Lecturers.
  - Presentation of final project by students.

# • Independent activities by students:

- Previous readings.
- Assignments.
- Exercises and practice.
- Research projects.

### Assessment Criteria and Procedures:

Essay on Human Development 40%
Reading report 20%
Field Work 40%

	Туре	Title	Author	Publisher	Year
1	Reference	Desarrollo Humano: el	F. P. Rice	Prentice	1997
		estudio del ciclo vital		Hall	
2	Reference	Psicología del	L. Hoffman, S. Paris,	McGraw-Hill	1995
		desarrollo hoi	E. Hall		
3	Reference	Psicología del	D. Shaffer	Thomson	5ª Ed.
		desarrollo. Infancia y			2000
		adolescencia			
4	Reference	El desarrollo humano	J. Delve	Silo XXI	1994
5	Reference	Desarrollo del niño y	L. Bark	Prentice	4ª Ed.
		del adolescente		Hall	1999
6	Reference	Psicología del	Mariano Morale	Alfa omega	
		desarrollo. Infancia,		– Mar	
		adolescencia,		combo	
		madurez y selectos			

Course Name	Course ID
Functional and Dysfunctional Families.	PS 518

### **Placement in Curricular Map**

**Elective Axis** 

#### **Course Characteristics**

The main topic of this course is the understanding of the theories and processes that explain the reasons why a family develops a dysfunctional process in a given stage of the vital cycle. This course comprehends topics such as family health, successful and unsuccessful adaptability processes in life demands, as well as the means used by families to adapt. Concepts such as normality and abnormality, referring to the family's optimal functioning inside changing sociocultural contexts are revised.

### **General Learning Objectives**

At the end of the course students will be able to:

- 1. Identify characteristics of some types of "special" or dysfunctional families that may be found in daily clinic practice.
- 2. Develop competencies to approach this type of families more efficiently.

Contents:		Hours
1. The st	ructure in some type of families.	4
a.	Pas de deux	
b.	Three-generations families.	
C.	Changing families.	
d.	Families with poor living conditions.	
e.	Single-parent families.	
2. Psych	osomatic families.	4
a.	Health-Illness concept.	
b.	Interpersonal system.	
C.	Expansion and self-regulation.	
d.	Meanings.	

3.	Famili	es with members with eating disorders.	10
	a.	Eating disorders: A classification through DSM IV - R	
	b.	Anorexia nervosa and Bulimia: A psychiatric explanation vs. a systemic explanation.	
	C.	Family dynamics in this type of families.	
	d.	Family therapy.	
4.	Drug a	addiction and family.	10
	a.	Drug use as a common phenomenon in adolescence.	. •
	b.	Characteristics of a family with an addict member.	
	C.	Resistance towards change.	
	d.	Traditional programs.	
	e.	Contextual programs.	
5.	Alcoho	olic families.	8
	a.	Alcoholic families and families with an alcoholic member.	0
	b.	Regulating behavior and vital cycle.	
	C.	Stages of systemic maturation.	
	d.	Alcoholic family treatment.	

# Instructor guided learning activities

Topics presentation

Laboratory practices and/or workshop

Plenary presentation and/or Discussions guided by instructor

Small groups activities guided by instructor

Individual activities guided by instructor

### **Independent Learning Activities:**

- 1. Reading of material selected by instructor.
  - Students must carry out individual readings to know and understand the systemic approach applied to the explanation of dysfunctional families as revised in class.
- 2. Writing of article, essay or reading report.
  - a. Students must write a paper clearly presenting their posture on functional and dysfunctional families. They must explain such posture in systemic and inter-generational terms. They must write it using APA style.
- 3. Solution to problems selected by instructor.
  - a. Students must select a type of family and create an annotated bibliography containing articles from research published during the last five years and that show new approaches to cases pertaining to the selected modality.
- 4. Field practicum.

Student must carry out individually or in small teams as agreed with instructor, at least three visits to an alcoholic or neurotic anonymous group, or a support group to people with eating disorders and write a integrative report on such experience.

#### **Assessment Instruments and Procedures**

The assessment instruments and procedures throughout the course will be the ones listed below.

- 1. Products to hand in.
  - a. Students must hand in a paper presenting their posture on functional and dysfunctional families.
  - b. Students will hand in a report of the visits to support groups for people and families with any of the disorders seen in class.
  - c. They will create an annotated bibliography consisting on research articles published in the last five years in which cases in the modality selected by the students are treated with a new approach.
- 2. Class presentations.
  - a. All students must present their support group report on the day and time agreed with the instructor and the class.
- 3. Participation in discussions.

#### **Assessment Criteria:**

1. The assessment procedures and instruments will be focused on the learning activities, either instructor guided or independent.

2. Instructor will assess and assign a grade in each of the assessment instruments. The assigned grade must be from 0 to 100.

a. Written assignment: 40 %

b. Annotated bibliography: 30 %

c. Support group visit report: 15 %

d. Class presentation: 15 %

3. Instructor will report to the Graduate Students Department the average grade of all assessment instruments obtained per student.

4. The minimum passing grade in each course will be 80 points.

Туре	Title	Author	Publisher	Year
Text	Somática familiar.	Kornblit, A.	Gedisa	1988
Reference	Terapia familiar de los trastornos psicosomáticos.	Onnis, L.	Paidós	2000
Reference	Muchachas anoréxicas y bulímicas.	Selvini Palazzoli, y otros.	Paidós	2000
Reference	La familia del toxicodependiente.	Cirillo, et al.	Paidós	2001
Reference	Psychosomatic families	Minuchin, S., Rosman, B., y Baker, L.	Harvard University Press.	1981
Reference	Anorexia nerviosa y bulimia.	Herscovici, C. R. y Bay, L.	Paidós	2000
Reference	Terapia familiar del abuso y la adicción a las drogas.	Stanton, M. D. y Todd, T. C.	Gedisa	1991
Reference	La familia alcohólica.	Steinglass, P., Benett, L. A., Wolin, S. J. y Reiss, D.	Gedisa	1989

Course Name:	Course ID:
Special Education Assessment and Diagnosis.	PS 525

# Placement in Curricular Map:

Elective Axis

### **Course Characteristics:**

This is a study including different techniques for the assessment of children with special educational needs.

# **General Learning Objectives**

At the end of this course students will:

- Have information on aspects to consider at the moment of assessing children with special educational needs.
- Have objective elements to perform a proper channeling to a special education group or an integrated group.

Contents.	
Topics and subtopics of unit:	Hours
Special Education: definition and concept.	4
Detecting and channeling of students at risk to assessment.	4
Assessment in classrooms.	10
3.1 Instruments used in the classroom by the instructor.	
4. Considerations to give tests to students with special educational	6
needs.	
5. Dispussion and the soft attention to province	
5. Diagnosis and type of attention to receive.	4
6 Parameters to promote students to an integration	4
6. Parameters to promote students to an integration.	+
7. Parameters to channel students to an especial education school.	4
diameters to discuss of all opposite adduction conton.	

- Classroom activities:
  - Presentation of topic by instructor.
  - Case discussions.
  - Invited Lecturers.
  - Presentation of final project by students.

# • Independent activities by students:

- Previous readings.
- Assignments.
- Exercises and practice.
- Research projects.

### **Assessment Criteria and Procedures:**

- Final exam 20%
- Assignment and Research 30%
- Final Research Project 40%
- Participation 10%

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	Туре	Title	Author	Publisher	Year
1	Textbook	Evaluación en la educación especial, 2ª. Ed.	Salvia, J. E Ysseldyke, J. E.	El Manual Moderno	2001
2	Textbook	Evaluación infantil, 3ª. Ed.	Sattler	El Manual Moderno	2001
3	Reference	Compendio de educación especial	Sánchez, Cantón, y Sevilla	El Manual Moderno	1997

Course Name:	Course ID:
Contrastive Analysis of Special Education Models	PS 526

Placement in Curricular Map:	
Elective Axis	

#### **Course Characteristics:**

This course is directed to instructors, psychologists or people that work in special education areas. Throughout this course different special ed models will be analyzed and contrasted among them.

### **General Learning Objectives**

At the end of this course students will:

- Have learned the characteristics of the main special education models.
- Have carried out a contrastive analysis among them.
- Have written an essay presenting the main advantages and disadvantages of special education models and that justifies their personal inclination towards one of them.

Cont	lents.	
Topic	Topics and subtopics of unit:	
1.	Special education models. 1.1 Clinic model 1.2 Therapeutic model 1.3 Educational model 1.4 Transactional model 1.5 Ecological model	6 6 6 6 6

- Classroom activities:
  - Presentation of topic by instructor.
  - Case discussions.
  - Invited Lecturers.
  - Presentation of final project by students.

# • Independent activities by students:

- Previous readings.
- Assignments.
- Exercises and practice.
- Research projects..

### Assessment criteria and procedures:

- Final exam 25%
- Assignments and research 30%
- Final research project 35%
- Participation 10%

	Туре	Title	Author	Publisher	Year
1	Reference	Educación especial: Un enfoque ecológico	Thomas M. Shea y Anne Marie Bauer	Mc Graw Hill	2000

Course Name:	Course ID:
Learning and Poor School Performance	PS 527

### Placement in Curricular Map:

Elective Axis

#### **Course Characteristics:**

This course is oriented to instructors, psychologists or people directly involved in the process of teaching children and adolescents in different educational levels. Throughout this course an analysis of the most common learning processes and the deep connection they have with a high/poor school performance will be carried out. A theoretical revision of the contents and practical application of such processes will be done. During this course students will apply their acquired knowledge in their work centers.

#### General learning objectives

At the end of the course students will:

- Have learned the characteristics of the most common learning problems and the intervention for their treatment.
- Have understood the relationship of these problems with poor school performance.
- Have elaborated intervention plans for real cases.
- Have applied at least one of such plans with the aim of improving the school performance of a minor

Topics and subtopics of each unit:	
Learning problems.     1.1 Learning problems related to reading and writing.	20

	1.2 Learning problems related to mathematics.	
	1.3 Learning problems related to language expression and comprehension.	
	1.4 Attention-deficit/hyperactivity disorder (AD/HD).	
	1.5 Mental retardation.	
	1.6 Treatment of the most common learning problems.	
2.	School performance.	8
	2.1 Definition of school performance.	
	2.2 Assessment of school performance.	
	2.3 Causes of a poor school performance.	
	2.4 Consequences of a poor school performance.	
3.	Repercussion of learning problems in school performance.	8
	3.1 In students.	
	3.2 In the family.	
	3.3 In school.	
	3.4 In society in general.	

- Classroom activities:
  - Presentation of topic by instructor.
  - Case discussions.
  - Invited Lecturers.
  - Presentation of final project by students.
- Independent activities by students:
  - Previous readings.
  - Assignments.
  - Exercises and practice.
    - Research projects.

### **Assessment criteria and procedures:**

- Final exam 30%
- Assignments and research 30%
- Final research project 30%
- Participation 10%

	9				
	Туро	Title	Author	Publisher	Year
1	Reference	Dificultades de aprendizaje e intervención psicopedagógica.	Jesús – Nicasio García Sánchez	Ariel Educación	2001
2	Reference	Problemas de atención y aprendizaje en los	Kinsbourne y Caplan	La prensa médica	1990

		niños.			
3	Reference	Problemas de aprendizaje	Frances Schoning	Trillas	1990

Course Name:	Course ID:
Development of Cognitive Processes	PS 528

Placement in Curricular Map:	
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Elective Axis	

#### **Course Characteristics:**

This course covers the basic cognitive processes and their development. The basic processes that contribute to behavior organization and individuals complex experience are presented. The basic idea that studying is essential not only for the understanding of human behavior but also for the development of different fields in and out psychology's scope (e.g. neuropsychology, psychotherapy, artificial intelligence, among others).

### **General Learning Objectives**

At the end of this course students will:

- Know the principal aspects related to the study of cognition.
- Know updated conceptual outlining, the main results of field research as well as the technological applications of each one of the cognitive processes covered in this course.
- Apply acquired concepts to practical situations at work with students with special educational needs.

Topics and subtopics of each unit:	Hours
The concepts of cognition and cognitive psychology. Associated problems, related concepts. Main application fields and related sciences.	4
Current cognition models: computer, connectionist, narrative.	4

Attention: Foundations, explicative models, relationships with other cognitive processes, automatic processes and controlled processes, concentration and states of consciousness.	4
Memory: Foundations, types of memory and their relationships, associated phenomena.	4
Stages of the information retention process and factors that affect mnemonic retention, mnemonics.	4
Representation of knowledge:  • Mental images.	·
<ul><li>Concepts.</li><li>Semantic nets.</li><li>Thought:</li></ul>	4
<ul> <li>Foundations, explicative models of reason and fundamental types (inductive, deductive, daily).</li> <li>Decision-making. Making decisions. Problem solving, cognitive strategy.</li> </ul>	4
Language: Basic components of human language, neuropsychological basis.	4
Linguistic theories (positions of Piaget, Vygotski, Skinner, Chomsky, Bruner), relations between thought and language.	4

- Classroom activities:
  - Presentation of topic by instructor.
  - Case discussions.
  - Invited Lecturers.
  - Presentation of final project by students.

### Independent activities by students:

- Previous readings.
- Assignments.
- Exercises and practice.
- Research projects.

# Assessment criteria and procedures:

- Final exam 20%
- Assessment and research 30%
- Research final project 35%
- Participation 15%

	Туре	Title	Author	Publisher	Year
1	Reference	Aprendizaje y memoria.	Anderson, J.	McGraw Hill.	2001
2	Reference	Introducción a la psicología cognoscitiva	De Vega, M.	Alianza.	1993
3	Reference	Manual de psicología del pensamiento.	Garmham, A. y Oakhill, J	Paidós.	1996
4	Reference	Aprendizaje y cognición.	Leahey, T. H. y Harris, R. J.	Prentice Hall.	1998
5	Reference	Psicología cognoscitiva: Desarrollo y perspectivas.	Puente, A., Poggioli, L. y Navarro, A	McGraw Hill.	1995

Course name:	Course ID:
Teaching Strategies Workshop I	PS 530

# Placement in Curricular Map: Elective Axis

#### **Course Characteristics:**

This course covers aspects related to the experience of the reality of having a child with special educational needs and the strategies through which families can collaborate in a positive way in rehab processes, attention and care of their children.

### **General Learning Objectives**

At the end of this course students:

- Will have developed comprehension of the premises of the ecological approach on systems for the conceptualization of the family.
- Will understand the adaptation process a family with a child with special educational needs experiences.
- Will have obtained competencies in tutoring families with children with special educational needs.

Topics ar	nd subtopics	of each unit:	Hours
1. TI	he family froi	m an ecological perspective of systems.	2
2. TI	he child with	special educational needs and his family.	4
	n ecological	aptation of a family to their children with special needs: perspective. ppens at home. Personal factors. Intra-familiar mechanisms. Beliefs and values of the family regarding children with	10

	special needs.  3.2 The grief process which parents go through.	
4.	Areas in which the child's problem is manifested and family's perception: intelligence, sensorial deficiencies, activity level and attention capacity, brain damage and minimal brain malfunction, genetic factors, immaturity, emotional, environmental and educational factors.	10
5.	Collaboration of the family in the help process for their child with special educational needs: Participation, openness, commitment.	4
6.	Family and educational system, relatives, friends.	
7	Professional and family	4
7.	Professional and family.	2

- Classroom activities:
  - Presentation of topic by instructor.
  - Case discussions.
  - Invited Lecturers.
  - Presentation of final project by students.

### Independent activities by students:

- Previous readings.
- Assignments.
- Exercises and practice.

Research projects.

# **Assessment Criteria and Procedures:**

- Final exam 20%
- Assignments and research 35%
- Research final project 35%
- Participation 10%

	Туре	Title	Author	Publisher	Year
1	Textbook	Educación especial: Un enfoque ecológico.	Shea, T. M. Y Bauer, A. M.	McGraw-Hill	2000
2	Textbook	Ecología del desarrollo humano.	Bronfenbrenner, U.	Buenos Aires Paidós	1995
3	Reference	Familias y terapia familiar	Minuchin, S.	Buenos Aires Paidos	1986
4	Reference	Parents and teachers of children with exceptionalities: A handbook for	Shea, T. M. & Bauer, A. M.	Boston Allyn & Bacon	2000

		collaboration.			
5	Reference	Problemas en el aprendizaje: Un asunto familiar.	Osman, B. B.	México. Ed. Trillas	1988
6	Reference	Familia y Escuela.	Dowling, E. Y Osborne, E.	Buenos Aires Paidos	2001

Course Name:	Course ID:
Teaching Strategies Workshop II	PS 531

Placement in Curricular Map:	
Elective Axis	

#### **Course Characteristics:**

This course presents an overview of the difficulties a child with special educational needs encounters at school and the support that must be provided to teachers. This course offers a reference frame to understand this situation and to think of alternative ways to confront and solve it.

### **General Learning Objectives**

At the end of this course students:

- Will present a better understanding of the way schools face the problem of children with special educational needs and the necessity of instructor's knowledge on these problems.
- Will have developed skills in the design of strategies to provide tutoring for instructors in schools.
- Will be able to develop intervention projects in schools with children with special educational needs.

Topics and subtopics of each unit:	Hours
The professional in special education and the instructor: Two different but coincidental worlds.	4
The educational system and the professional in special education.	4
School structures and interdisciplinary work.	6
A reference frame to conceptualize the collaboration and tutoring process.	12

Instructor's factors.	
School context factors.	
Consultant's factors.	
<ul> <li>Factor belonging to the child and family.</li> </ul>	
Concept of tutoring and its application in schools.	
<ul> <li>Methodological and ethical implications.</li> </ul>	10
<ul> <li>Development of tutor role.</li> </ul>	

### Classroom activities:

- Presentation of topic by instructor.
- Case discussions.
- Invited Lecturers.
- Presentation of final project by students.

### • Independent activities by students:

- Previous readings.
- Assignments.
- Exercises and practice.
- Research projects.

# Assessment criteria and procedures

- Final Exam 10%
- Assignments and research 40%
- Final research project 40%
- Participation 10%

	Туро	Title	Author	Publisher	Year
1	Reference	Dificultades de aprender en la infancia: Un enfoque cognitivo.	Docknell, J. Y McShane, J.	Buenos Aires Paidós	1997
2	Reference	.Las necesidades especiales en las aulas ordinarias: Profesores de apoyo.	Hanko, G.	Buenos Aires Paidós	1998
3	Reference	Dificultades de aprendizaje e intervención psicopedagógica.	García Sánchez, J. N.	Barcelona Ed. Abril	2001
4	Reference	Educación especial: Un enfoque ecológico	Shea, T. M. Y Bauer, A. M.	McGraw- Hill	2000

#### MAJOR FIELD OF STUDIES: INTEGRATING SEMINAR

Course Name:	Course ID:
Integrating Seminar	CS 505
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Placement in Curricular Man	

#### **Course Characteristics:**

Major Field of Studies

Participants will create a final application project considering the most important personal and professional knowledge acquired throughout this Master Degree. They will emphasize the need of developing appropriate methods and systems to assess their own practice and to continue the learning process that will make them competent and better qualified professionals in their specialization area. An ethics and values workshop is included with the purpose of making the participants analyze the contents of the professional ethics and values codes in special education.

#### **General Learning Objectives**

At the end of this course students:

- Will have acquired the necessary elements to develop an identity as instructors by making a synthesis of personal and group professional experiences gone through during this course.
- Will analyze the ethics and values implied in a professional practice.
- Will present a written assignment (dissertation type) containing their personal summary of this process.

Topics and subtopics of each unit:	Hours
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1.	Synthesis and integration as a way to build and systematize a personal approach and a defined posture before different situations emerging during the teaching practice.	8
2.	An integrative approach vs. eclectic approach.	10
3.	Ethics and values code in the professional practice.	10
4.	A personal writing style.	4
5.	The rescue of significant learning: interdisciplinary and academic updating.	4

- In class activities:
- Presentation of themes by instructor.
- Students presentations.
- Ethics and values workshop
- Students independent learning activities:
- Previous readings.
- Writing of an article, essay or reading reports.

# Assessment criteria and procedures:

- Hand in products (Advances and final document).
- Presentations in class.
- Participation.

Туре	Title	Author	Publisher	Year	
Text	AAMFT Code of Ethics	Asociación Americana de Terapia Familiar y Marital.	AAMFT	2004	
Reference	Formación valoral a nivel universitario.	Delgado Fresán, A.	UIA	2001	
Reference	Elementos fundamentales de ética.	Ibarra Barrón, C.	Pearson	1998	
Reference	Etica y mundo actual.	Ruiz Rodríguez, V.	UIA	1996	

	Text	Etica para Amador	Savater, F.	Planeta Mexicana.	2001		
PI	Plus the bibliography used according to the chosen area.						