

**Master of Science (MSc) in  
Speech – Language Pathology  
Non – Thesis Track**

**I. General Rules and Conditions**

- This plan conforms to the valid regulations of the programs of graduate studies.
- Admission:
  - Graduates in the following fields may be admitted to the program according to the following priorities :
  - a. Hearing and Speech Sciences or Hearing or Speech Sciences
  - b. Medical Sciences, Allied Health Sciences or Rehabilitation Sciences
  - c. Education Sciences or Psychology
  - d. Linguistics or Languages
  - e. Sciences branches

**II. Special Conditions:**

1. The applicant should pass hearing and speech clinical examination conducted by the Department

**III. The Study Plan consists of 39 credits distributed as follows:**
**A. Compulsory Courses:( 27 ) credits**

Course No.	Course Title	Credit Hours	Prerequisite
1804710	Child Language Development	3	
1804720	Articulation Disorders	3	
1804722	Fluency Disorders	3	
1804730	Audiology	3	
1804734	Aural Rehabilitation	3	1804730
1804750	Studies in child Language Disorders	3	
1804751	Neurogenic Language Disorders	3	
1804761	Clinical Practicum-speech	2	
1804770	Clinical Practicum-hearing	1	
1804780	Studies in Voice Disorders	3	

**B. Elective Courses :** (12) credits to be selected from the following :

<b>Course No.</b>	<b>Course title</b>	<b>Credit Hours</b>	<b>Prerequisite</b>
1804700	Craniofacial Anomalies & Resonance Disorders	3	
1804721	Studies in neuromotor speech disorders	3	
1804742	Principles of Clinics Management	3	
1804743	Instrumentation in Speech-Language Pathology	3	
1804752	Dyslexia	3	
1804753	Language disorders for special populations	3	
1804781	Studies in Swallowing Disorders	3	
0805733	Psycho Educational Assessment In Special Education	3	
0805734	Applied Behavior Modification in Special Education	3	

**C. Pass the Comprehensive exam (1804798)**

**IV. Practical Training:**

A. At the completion of 25 hours of observation of different disorders in clinics, the student must finish at least (300) contact hours at the Center for Phonetics Research, the department hearing and speech clinics or any other institution approved by the department. At the end, the student must pass a practical exam by a departmental committee with a pass or fail result.

B. A student who has Bachelor degree in Hearing and Speech Sciences is exempted from the 25 observation hours.

# MSc Program in Speech-Language Pathology

## Guidelines for Courses Registration

### First Semester:

Course No.	Course Title	Credits	Prerequisite
1804710	Child Language Development	3	
	Elective Course	3	

### Second Semester:

Course No.	Course Title	Credits	Prerequisite
1804722	Fluency Disorders	3	
1804730	Audiology	3	
1804720	Articulation Disorders	3	
	Elective Course	3	

### Third Semester:

Course No.	Course Title	Credits	Prerequisite
1804734	Aural Rehabilitation	3	1804730
1804750	Studies in Child Language Disorders	3	
1804780	Studies in Voice Disorders	3	
	Elective Course	3	

### Fourth Semester

Course No.	Course Title	Credits	Prerequisite
1804761	Clinical Practicum-Speech	2	
1804770	Clinical Practicum-Hearing	1	
1804751	Neurogenic Disorders	3	
	Elective Course	3	

## **MSc in Speech-Language Pathology**

### **Course Description**

#### **1804700 Craniofacial Anomalies & Resonance Disorders (3 credits)**

This graduate level course entails the study of the anatomical and physiological landmarks necessary for conducting various measurements necessary for evaluation and treatment of people with craniofacial anomalies. This course also incorporates the knowledge of anatomy and physiology, acoustics, diagnosis, phonology, language and audiology to provide better services to the patient. Also, this course emphasizes a hands-on approach in conducting videofluoroscopic evaluation and designing palatal

#### **1804710 Child Language Development (3 credits)**

This course investigates the development of the linguistic system in the child, including the sound system, grammar and meaning. The course also introduces theories of language acquisition: psycho-linguistics, socio-linguistic and generative theories.

#### **1804720 Articulation and Phonological Disorders (3 credits)**

The course is a detailed study of the theories related to functional disorders of articulation in children. Procedures for the diagnosis of articulation disorders including a review of specific tests and methods for the rehabilitation disorders and report writing are emphasized, psychological, social and academic impact of these disorders and ways to minimize these consequences are also discussed, the role of family members and school teachers in the rehabilitation process is also emphasized.

#### **1804721 Studies in Neuromotor Speech Disorders (3 credits)**

The course is intended to introduce students to the basic principles of the nervous system processes, disorders of speech (Apraxia, Dysarthria, etc.) (trauma and abnormalities of the nervous system, in addition to diagnostic and therapeutic procedures). It also addresses in-depth the various types of neuromotor disorders, methods of diagnosis and treatment.

#### **1804722 Fluency Disorders (3 credits)**

The course is intended to discuss theoretical and empirical investigations of stuttering causation, developmental and environmental factors that have an impact on the onset and development of the problem, evaluation and intervention procedures with emphasis on the role of counseling as part of the treatment plan. Prevention measures are also emphasized, particularly the role of the family in both prevention and intervention.

#### **1804730 Audiology (3 credits)**

The course introduces students to the basic anatomy and physiology of the normal auditory systems: the disorders of hearing; theory and techniques for the measurement of hearing, in addition to methods of auditory rehabilitation.

**1804734 Aural Rehabilitation (3 credits)**

**Prerequisite: 1804730**

This course focuses on the approaches to aural (auditory) rehabilitation of children and adults. Introduction to educational audiology and assistive technology and devices and its clinical application.

**1804742 Principles of Clinics Management (3 credits)**

This course introduces students to the methods and techniques for organization and management of Speech/Language and hearing clinics in public and private schools, hospitals, rehabilitation centers and private practice facilities; principles and procedures underlying patient selection, appropriate placement, family counseling, and utilization of allied professions.

**1804743 Instrumentation in Speech-Language Pathology (3 credits)**

This course will provide the student with an understanding of principles for applying instruments in the field of speech and voice with an emphasis on clinical approaches to speech and voice. This will include a survey of the principal equipment and instrumentation and augmentative devices available to speech pathologists in their professional activities within medicine, education, and private practice.

**1804750 Studies in Language Disorders in Children (3 credits)**

The course is intended to introduce students to language disorders: early identification, aspects of language disorders (morphology and syntax, semantics, pragmatics), the role of context in treatment, assessment and intervention procedures including collecting speech samples, report writing, family and school counseling, maintaining facilitative language environment.

**1804751 Neurogenic Language Disorders (3 credits)**

The course is intended to introduce students to the basic principles of the nervous system processes, disorders of speech, trauma and abnormalities of the nervous system, in addition to diagnostic and therapeutic procedures. It also addresses in-depth the various types of aphasia, methods of diagnosis and treatment.

**1804752 Dyslexia (3 credits)**

This course provides students with insight into the abilities, needs and issues of individuals with dyslexia in a training setting. It also aims to teach students about some of the central topics in the study of reading development and dyslexia.

It also discusses foundation skills children need to be successful readers and processing skills and knowledge required for learning to spell. Subtypes of dyslexia are discussed and links between research and practice will be introduced by reviewing methods of teaching reading, assessment and the remedial intervention of children with dyslexia

**1804753 Language disorders for special populations (3 credits)**

This graduate level course is designed to provide students with the knowledge and skills needed for evaluation, diagnosis and remediation of language disorders in special populations including: mental retardation, hearing impairment, autism, cerebral palsy and dyslexia. The course introduces different procedures used in the assessment and treatment of these groups including collecting and analyzing speech samples, working in special education centers, models of service provided to these groups, augmentative and alternative communication devices, selecting the device for temporary or permanent use.

**1804761 Clinical Practicum-speech (2 credits)**

This course focuses on developing practical skills for students through evaluation and treatment of cases with various communication disorders under the supervision of the SLP. The student is expected to complete at least 48 clock hours.

**1804770 Clinical Practicum-hearing (1 credit)**

This course focuses on training the students on how the basic audiological tests are performed, how to approach the hearing impaired and interpretation and clinical diagnosis under the supervision of the specialist (audiologist). The student is expected to complete not less than 4 clock hours per week.

**1804780 Studies in Voice Disorders (3 credits)**

This course provides a presentation of the various disorders of the larynx; the nervous system influencing voice production, principles and procedures of diagnosis and treatment of voice disorders; nature and etiology.

**1804781 Studies in Swallowing Disorders (3 credits)**

This course will provide students with the basics of the anatomy and physiology of the normal swallow, the etiologies for dysphagia. It also provides students with the framework for the physical and laboratory evaluation and treatment of dysphagia