

## MASTER IN SPEECH AND LANGUAGE THERAPY

### Main Language of Instruction:

French  English  Arabic

Campus Where the Program Is Offered: CIS

### OBJECTIVES

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The Master in Speech and Language Therapy program aims to equip students with the following skills:

- Develop and enhance professional practices through reflective approaches;
- Master concepts, models and tools related to our discipline;
- Utilize technical resources for supervision, mentoring and innovative project conception;
- Gain expertise in specific domains and analyze one's practice effectively;
- Coach and support multidisciplinary teams of medical professionals;
- Strengthen theoretical and methodological training in speech and language therapy and related fields;
- Engage with interdisciplinary research by understanding issues and operations in other fields;
- Acquire theoretical and methodological knowledge to lead research projects using experimental, correlational and clinical approaches.

### PROGRAM LEARNING OUTCOMES (COMPETENCIES)

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- Gain in-depth understanding across various domains in speech and language therapy;
- Enhance professional skills to align with current scientific advancements, paving the way for a more robust and fulfilling career;
- Achieve a master's level academic qualification, on par with similar programs internationally, such as those in France;
- Increase employability, particularly in the Gulf countries, where a master's degree has become a prerequisite for many job opportunities.

### ADMISSION REQUIREMENTS

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Candidates are selected based on a thorough review of their application file. A prerequisite for admission is holding a degree in speech and language therapy (240 ECTS). USJ graduates in speech and language therapy are granted direct admission to the third semester of the Master's program.

### COURSE/CREDITS GRANTED BY EQUIVALENCE

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Speech and language therapists who have graduated from ISO are considered to have already completed the 60 credits required for the first year of the program (semesters 1 and 2). Those who obtained their diploma from ISO over 10 years ago, or who hold a speech and language therapy diploma from another university, will be granted equivalence for certain courses from the first year of the program (semesters 1 and 2) based on their academic record. However, they may be required to take certain prerequisite courses from semesters 1 and 2.


### PROGRAM REQUIREMENTS

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#### For the first year

#### Required Courses (54 Cr.)

Artificial Intelligence in Speech and Language Therapy: Applications and Prospects (2 Cr.). Bioethics (2 Cr.). Clinical Approach to SLT 7 (2 Cr.). Clinical Approach to SLT 8 (2 Cr.). Clinical Intervention and Decision-Making in SLT (2 Cr.). Deontology and Legislation (2 Cr.). Developmental Disorders Medical Research Updates (3 Cr.). Diagnostic Investigations in Psychology (2 Cr.). Diagnostic Investigations in Psychomotor Therapy (1 Cr.). English Level A (4 Cr.). Executive Functions in SLT intervention (2 Cr.). Institutional Internship - SLT (5 Cr.). Introduction to Health Policy and Systems (2 Cr.). Motor Control (2 Cr.). Practical Research Methods 6: Quantitative Designs and Types (2 Cr.). Practical Research Methods: Statistics (2 Cr.). Preliminary Research Project (1) (2 Cr.). Preliminary Research



Project (2) (3 Cr.). SLT Assessment and Intervention in Math Cognition Developmental Disorders (2 Cr.). Specialized Communication and Public Information (1 Cr.). Specific Terminologies: Advanced Arabic Language Course (CLAS) (2 Cr.). Speech and Language Therapy University Clinics (7 Cr.).

### USJ General Education Courses (6 Cr.)

For the second year

#### Fundamental Courses (60 Cr.)

##### Required Courses (33 Cr.)

Applied Statistics to Research (2 Cr.). Clinical Approach in SLT 9 & 10 (2 Cr.). Current Research in Language Disorders (2 Cr.). Master's Thesis – Continued (9 Cr.). Master's Thesis (9 Cr.). Practical Research Methods 8: Systematic Reviews, Systematic Reviews, Qualitative Designs & Single - Subject Design (2 Cr.). Practical Research Methods 9: Scientific Communication and Writing (1 Cr.). Prevention and Diagnosis of Language Disorders in Multilingual Contexts (3 Cr.). Research Seminar (1 Cr.). Theories of Multilingual Development (2 Cr.).

##### Institution's Elective Courses (27 Cr. out of 38 Cr.)

Clinical Decision-Making in Fluency Disorders (2 Cr.). Clinical Interview (2 Cr.). Cognition and Math Disorders: From Theory to Practice (2 Cr.). Deafness and Cochlear Implant: Current Research and Intervention Practices (3 Cr.). Explanatory Models and Current Research in Autism (2 Cr.). Introduction to Management (2 Cr.). Multilingualism and Written Language Disorders: Assessment and Intervention Practices (3 Cr.). Neuro-Functional Models of Intervention in Autism: Exchange and Development Therapy (3 Cr.). Pathologies of Swallowing and Research Advances in Rehabilitation of Dysphagia (3 Cr.). Pragmatic and Discursive Abilities: Evaluation and Intervention (2 Cr.). Prevention in Speech and Language Therapy and Parental Coaching (3 Cr.). Professional Internship (2 Cr.). Research Internship (2 Cr.). School Curriculum and Adaptations in the Context of Specific Disorders (3 Cr.). Voice Pathologies and Advances in Vocal Rehabilitation Practices (3 Cr.).

### SUGGESTED STUDY PLAN

#### Semester 1

Code	Course Name	Credits
040BIOEL7	Bioethics	2
040CLAPL7	Clinical Approach to SLT 7	2
040IADML7	Clinical Intervention and Decision-Making in SLT	2
040DINPL7	Diagnostic Investigations in Psychology	2
040DIPTL7	Diagnostic Investigations in Psychomotor Therapy	1
040SELAL7	English Level A	4
040EFSIL7	Executive Functions in SLT Intervention	2
040PRP1L7	Preliminary Research Project (1)	2
040RMPRL7	Research Methods: Quantitative Designs and Types	2
040AICML7	SLT Assessment and Intervention in Math Cognition Developmental Disorders	2
040AISTL7	Artificial Intelligence in Speech Therapy: Applications and Prospects	2
065CLS2M4	Specific Terminologies: Advanced Arabic Language Course (CLAS)	2
	<b>Total</b>	<b>25</b>

## Semester 2

Code	Course Name	Credits
040APPRL8	Clinical Approach to SLT 8	2
040DEONL8	Deontology and Legislation	2
040INTNL8	Institutional Internship - SLT	5
065EC2SM3	Introduction to Health Policy and Systems	2
040MRUDL8	Developmental Disorders Medical Research Updates	3
040CDAML8	Motor Control	2
040PRLML8	Preliminary Research Project (2)	3
040PRACL8	Practical Research Methods: Statistics	2
040SCPIL8	Specialized Communication and Public Information	1
040STCIL8	Speech and Language Therapy University Clinics	7
	<b>Total</b>	<b>29</b>

### + 6 credits of USJ General Education Courses

For semesters 3 and 4, the student must validate 60 credits from the following tables, by taking the 33 core course credits and choosing 27 major elective course credits among the aforementioned choices.

## Semester 3

Code	Course Name	Credits
040CLPgM1	Clinical Approach in SLT 9 and 10	2
040PATHM1	Pathologies of Swallowing and Research Advances in Rehabilitation of Dysphagia	3
040RSCHM1	Research Seminar	1
040INTMM1	Introduction to Management	2
040LDREM1	Current Research in Language Disorders	2
040THEOM1	Theories of Multilingual Development	2
040EXPLM1	Explanatory Models and Current Research in Autism	2
040PROGM1	School Curriculum and Adaptations in the Context of Specific Disorders	3
040ASDEM1	Neuro-Functional Models of Intervention in Autism: Exchange and Development Therapy	3
040PGMDM1	Pragmatic and Discursive Abilities: Evaluation and Intervention	2
040VOICM1	Voice Pathologies and Advances in Vocal Rehabilitation Practices	3
040RMSQM2	Practical Research Methods 8: Systematic Reviews, Qualitative Designs & Single-Subject Design	2
040M2THM1	Master's Thesis	9
	<b>Total</b>	<b>36</b>

## Semester 4

Code	Course Name	Credits
040CLIIM2	Clinical interview	2
040DMFLM2	Clinical Decision-Making in Fluency Disorders	2
040PRDGM2	Prevention and Diagnosis of Language Disorders in Multilingual Contexts	3

040INTMM2	Cognition and Math Disorders: From Theory to Practice	2
040WLDMM2	Multilingualism and Written Language Disorders: Assessment and Intervention Practices	3
040DFCOM2	Deafness and Cochlear Implant: Current Research and Intervention Practices	3
040PREVM2	Prevention in Speech and Language Therapy and Parental Coaching	3
040APPSM2	Applied Statistics to Research	2
040INPRM2	Professional Internship	2
040INTRM2	Research Internship	2
040SCICM1	Practical Research Methods 9: Scientific Communication and Writing	1
040M2TEM2	Master's Thesis – Continued	9
	<b>Total</b>	<b>33</b>

## COURSE DESCRIPTION

<b>040APPSM2</b>	<b>Applied Statistics to Research</b>	<b>2 Cr.</b>
<b>040BIOEL7</b>	<b>Bioethics</b>	<b>2 Cr.</b>
<p>This course is designed to equip students with a structured method for ethical analysis, fostering an ethical framework for navigating therapeutic scenarios marked by potential value conflicts. Through this approach, students will explore key contemporary bioethical issues, applying their ethical reasoning to real-world situations at the intersection of human life (beginning and end) and in the context of patient care. This includes scenarios specific to the practice of both speech and language and psychomotor therapy.</p>		
<b>040CLP9M1</b>	<b>Clinical Approach in SLT 9 &amp; 10</b>	<b>2 Cr.</b>
<b>040DMFLM2</b>	<b>Clinical Decision-Making in Fluency Disorders</b>	<b>2 Cr.</b>
<b>040CLIIM2</b>	<b>Clinical Interview</b>	<b>2 Cr.</b>
<b>040INTMM2</b>	<b>Cognition and Math Disorders: From Theory to Practice</b>	<b>2 Cr.</b>
<b>040LDREM1</b>	<b>Current Research in Language Disorders</b>	<b>2 Cr.</b>
<b>040DFCOM2</b>	<b>Deafness and Cochlear Implant: Current Research and Intervention Practices</b>	<b>3 Cr.</b>
<b>040EXPLM1</b>	<b>Explanatory Models and Current Research in Autism</b>	<b>2 Cr.</b>
<b>040INTMM1</b>	<b>Introduction to Management</b>	<b>2 Cr.</b>
<b>040M2THM1</b>	<b>Master's Thesis</b>	<b>9 Cr.</b>
<b>040M2TEM2</b>	<b>Master's Thesis – Continued</b>	<b>9 Cr.</b>
<b>040WLDMM2</b>	<b>Multilingualism and Written Language: Assessment and Intervention Practices</b>	<b>3 Cr.</b>
<b>040ASDEM1</b>	<b>Neuro-Functional Models of Intervention in Autism: Exchange and Development Therapy</b>	<b>3 Cr.</b>
<b>040PATHM1</b>	<b>Pathologies of Swallowing and Research Advances in Rehabilitation of Dysphagia</b>	<b>3 Cr.</b>

This course aims to enhance students' clinical skills in assessing and treating oropharyngeal dysphagia in individuals and their caregivers. It focuses on the following competencies:

- Researching new approaches and methodologies for swallowing screening and assessment;
- Mastering rehabilitation techniques and approaches for oropharyngeal dysphagia;

- Implementing advisory and expert strategies to make therapeutic decisions;
- Evaluating intervention effectiveness based on evidence and clinical practice;
- Engaging patients and their caregivers in therapeutic education;
- Collaborating effectively within multidisciplinary teams to provide comprehensive care for dysphagia patients.

<b>040PGMDM1</b>	<b>Pragmatic and Discursive Abilities: Evaluation and Intervention</b>	<b>2 Cr.</b>
<b>040PRP1L7</b>	<b>Preliminary Research Project (1)</b>	<b>2 Cr.</b>

This course is designed to cultivate a research-oriented mindset in students, meeting dual objectives: academic rigor, ensuring compliance with research standards in speech therapy or medical sciences, and practical proficiency for professional research. By the course's conclusion, students will be equipped to actively participate in clinical research endeavors aimed at advancing linguistic knowledge and the speech and language therapy profession in Lebanon. This entails considering contextual nuances, employing quantitative reasoning, and fostering critical thinking skills.

<b>040PRDGM2</b>	<b>Prevention and Diagnosis of Language Disorders in Multilingual Contexts</b>	<b>3 Cr.</b>
<b>040PREVM2</b>	<b>Prevention in Speech and Language Therapy and Parental Coaching</b>	<b>3 Cr.</b>
<b>040INPRM2</b>	<b>Professional Internship</b>	<b>2 Cr.</b>
<b>040INTRM2</b>	<b>Research Internship</b>	<b>2 Cr.</b>
<b>040RMPRL7</b>	<b>Practical Research Methods 6: Quantitative Designs and Types</b>	<b>2 Cr.</b>

This course aims to introduce the fundamental principles of quantitative and qualitative research, as well as systematic review methodology. Research in SLT differs from that of other professions such as medicine or psychology. SLTs often prioritize individual experiences, which is crucial in a healthcare landscape valuing patient satisfaction and personalized care. While quantitative methods are effective for certain inquiries, such as evaluating intervention efficacy, they may not suffice alone. Understanding how interventions work, including their feasibility, acceptability, and transferability, is increasingly vital. Qualitative methods, when conducted properly, can provide this insight. This course directly addresses both research methods used in SLT and communication disorders, along with systematic review techniques.

<b>040RSCHM1</b>	<b>Research Seminar</b>	<b>1 Cr.</b>
<b>040RMSQM2</b>	<b>Practical Research Methods 8: Systematic Reviews, Qualitative Designs &amp; Single-Subject Design</b>	<b>2 Cr.</b>
<b>040SCICM1</b>	<b>Practical Research Methods 9: Scientific Communication and Writing</b>	<b>1 Cr.</b>
<b>040PROGM1</b>	<b>School Curriculum and Adaptations in the Context of Specific Disorders</b>	<b>3 Cr.</b>
<b>040THEOM1</b>	<b>Theories of Multilingual Development</b>	<b>2 Cr.</b>
<b>040VOICM1</b>	<b>Voice Pathologies and Advances in Vocal Rehabilitation</b>	<b>3 Cr.</b>