

## BACHELOR 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 Bachelor in Speech and Language Therapy aims to equip students with the following skills:

- Assess communication and swallowing disorders;
- Design effective treatment plans;
- Implement tailored care strategies;
- Serve diverse populations;
- Collaborate with healthcare professionals;
- Provide high-quality therapeutic interventions;
- Engage in research and lifelong learning;
- Adhere to ethical and professional standards.

### PROGRAM LEARNING OUTCOMES (COMPETENCIES)

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- Conduct thorough clinical assessments for screening, evaluating, and implementing speech and language therapy intervention, employing quantitative reasoning and critical thinking;
- Collaborate with diverse therapists, adapting communication methods to different audiences and contexts, to establish comprehensive intervention plans supported by both oral and written rationales;
- Acquire communication skills necessary for establishing therapeutic relationships with patients, facilitating oral and written exchanges, sharing information, and educating parents, professionals, and the patients' support networks;
- Actively participate in clinical research endeavors aimed at advancing linguistic knowledge and the speech and language therapy profession in Lebanon, considering the unique context and applying quantitative reasoning and critical thinking;
- Adhere to ethical and professional principles in all speech and language therapy practices;
- Recognize the importance of lifelong learning.

### PROGRAM REQUIREMENTS

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**240 credits:** Required courses (189 credits), Institution's elective courses (12 credits), Open elective courses (6 credits), and USJ General Education Program (33 credits)

#### Fundamental Courses (201 Cr.)

##### Required Courses (189 Cr.)

Acquired Cognitive-Linguistic Disorders (2 Cr.), Adult Psychopathology (2 Cr.), Artificial Intelligence in Speech Therapy: Applications and Perspectives (2 Cr.), Augmentative and Alternative Communication (2 Cr.), Aphasiology: Speech Therapy Evaluation and Intervention (3 Cr.), Articulation and Motor Speech Disorders (1 Cr.), Audiology: Anatomy, Physiology, and Pathologies (3 Cr.), Cerebral Palsy: Clinical and Linguistic Profiles (3 Cr.), Child and Adolescent Psychopathology (3 Cr.), Clinical Approach to SLT 1 (2 Cr.), Clinical Approach to SLT 2 (2 Cr.), Clinical Approach to SLT 3 (2 Cr.), Clinical Approach to SLT 4 (2 Cr.), Clinical Approach to SLT 5 (3 Cr.), Clinical Approach to SLT 6 (2 Cr.), Clinical Approach to SLT 7 (2 Cr.), Clinical Approach to SLT 8 (2 Cr.), Clinical Internships 1 (4 Cr.), Clinical Internships 2 (4 Cr.), Clinical Phoniatrics (1 Cr.), Communication Disorders and Autism (3 Cr.), Current Medical Research Related to Developmental Disorders (3 Cr.), Dementias and Neurodegenerative Diseases (2 Cr.), Development of Pre-logical and Logical Reasoning (1 Cr.), Developmental Language Disorders (3 Cr.), Dysphagia (2 Cr.), Executive Functions and Remediation in Speech Therapy (2 Cr.), Feeding and Swallowing Disorders in the Context of Disability (3 Cr.), Fluency Disorders (4 Cr.), General Linguistics (3 Cr.), Genetic Diseases and Speech Therapy (3 Cr.), Genetic Embryology and Pediatrics (2 Cr.), Hearing Loss 1 (3 Cr.), Hearing Loss 2 (3 Cr.), Institutional

Speech and language Therapy Internship (5 Cr.), Internship 1 (1 Cr.), Internship 2 (1 Cr.), Interpretation of Diagnostic Investigations in Psychomotor Therapy and Psychology (3 Cr.), Introduction to Education Sciences (2 Cr.), Introduction to Psychomotor Therapy (3 Cr.), Introduction to Speech and Language Therapy (2 Cr.), Mathematical Cognition: Pathologies, Assessment, and Remediation (2 Cr.), Mathematical Cognition: Normal Development of Mathematical Thinking in Children (2 Cr.), Maxillofacial Stomatology and Orthodontics (2 Cr.), Mediation in SLT 2 (2 Cr.), Neuroanatomy (2 Cr.), Neurology (3 Cr.), Observation Internship 1 (3 Cr.), Observation Internship 2 (3 Cr.), Occupation in Rehabilitation (1 Cr.), Ophthalmology (1 Cr.), Oral Language Disorders: Assessment (2 Cr.), Oral Language Disorders: Clinical Characteristics (4 Cr.), Oral Language Disorders: Intervention (3 Cr.), Orofacial Function Rehabilitation: Dysfunctional Salivary Swallowing (1 Cr.), Phonation: Anatomy, Physiology, and Pathologies (2 Cr.), Phonetics 1 (3 Cr.), Phonetics 2 (2 Cr.), Practice Analysis: Foundations of Clinical Practice in Speech Therapy and EBP (2 Cr.), Practice Analysis: Speech Therapy Assessment Methodology and Decision Trees (2 Cr.), Research Methodology: Concepts and Methodology (2 Cr.), Research Methodology: Introduction to Speech and Language Therapy Research (2 Cr.), Research Methodology: Types and Quantitative Models (2 Cr.), Research Methodology: Scientific Article Analysis (2 Cr.), Research Project Proposal 1 (2 Cr.), Research project Proposal 2 (3 Cr.), Speech Therapy Care Center Internship (7 Cr.), Speech Therapy Practice and Word Games in Arabic (2 Cr.), Speech Therapy Practice and Word Games in French (4 Cr.), Speech Therapy Writing Workshop (2 Cr.), Syntactic Analysis 1 (3 Cr.), Syntactic Analysis 2 (2 Cr.), Typical Development of Communication and Language (2 Cr.), Vocal Rehabilitation 1 (2 Cr.), Vocal Rehabilitation 2 (2 Cr.), Written Language 1: Typical Development of Written Language (2 Cr.), Written Language 2: Atypical Acquisition of Written Language and Speech Therapy Assessment (2 Cr.), Written Language 3: Remediation of Written Language Disorders (3 Cr.).

**Institution's Elective Courses (12 Cr.), to be chosen from the list below:**

Corporate Verbal Communication Workshop (2 Cr.), Interactive Reading (2 Cr.), Mediation in SLT 1 (2 Cr.), Pedagogy Through Art (3 Cr.), Personal Development Workshop (2 Cr.), Polyphonic Singing 1 (2 Cr.), Polyphonic Singing 2 (2 Cr.), Practical Introduction to Research 1 (2 Cr.), Relaxation Techniques I (2 Cr.), Toolkit for University Integration (2 Cr.)

**Open Elective Courses (6 Cr.)**

**USJ General Education Program (33 Cr.)**

Code	Course Name	Credits
	<b>ENGLISH OR OTHER LANGUAGE</b>	<b>4</b>
040ANSPL7	Specific English Level A	4
	<b>ARABIC</b>	<b>4</b>
	<i>Arabic language and Culture</i>	<i>2</i>
435LALML2 or 435LRCTL2	Arabic Language and Culture: Arabic Language and the Media or Arabic Language: Contemporary Novel, Cinema, and Theater	2
	<i>Other Course Taught in Arabic</i>	<i>2</i>
065CLS2M1	Specific Terminologies: Advanced Arabic Language Course (CLAS)	2
	<b>HUMANITIES</b>	<b>9</b>
064VALEL1	USJ Values in Daily Life	2
	<i>Ethics</i>	<i>2</i>
040BIETL7	Bioethics	2
	<i>Civic Engagement and Citizenship</i>	<i>2</i>
015ABC2L3	Volunteering and Civic Action	2
	<i>Other Humanities Course</i>	<i>3</i>
040PSYDL1	Developmental Psychology	3

<b>SOCIAL SCIENCES</b>		<b>6</b>
	<i>Professional Integration and/or Entrepreneurship</i>	2
015LIPPL5	Leadership, Innovation and Professionalism	2
	<i>Other Courses</i>	4
065DEOLM1	Deontology and Legislation	2
065EC2SM2	Introduction to Health Policy and Systems	2
<b>TECHNIQUES DE COMMUNICATION</b>		<b>4</b>
040EFPOL1	French Expression for Speech and Language Therapist	3
040CSIGL8	Specialized Communication and Public Information	1
<b>TECHNIQUES QUANTITATIVES</b>		<b>6</b>
040MTREL5	Research Methodology: Introduction to Statistical Tests	2
040MRSRL8	Research Methods: Inferential Statistics	2
040IPR2L6	Practical Introduction to Research 2	2

## **SUGGESTED STUDY PLAN**

The tables below list all of the Required and Institution's Elective Courses that must be taken, along with 6 credits of Open Elective Courses.

### **Semester 1**

<b>Code</b>	<b>Course Name</b>	<b>Credits</b>
040SEP1L1	Clinical Approach to SLT 1	2
040INOTL1	Introduction to Speech and Language Therapy	2
040EFPOL1	French Expression for Speech and Language Therapist	3
040PSYDL1	Developmental Psychology	3
040OPOIL1	Ophthalmology	1
040AUDIL1	Audiology: Anatomy, Physiology, and Pathologies	3
040NEROL1	Neuroanatomy	2
065IPM3L1	Introduction to Psychomotor Therapy	3
070INSDL1	Introduction to Education Sciences	2
435LALML2 or 435LRCTL2	Arabic Language and Culture: Arabic Language and the Media or Arabic Language: Contemporary Novel, Cinema, and Theater	2
064VALEL1	USJ Values in Daily Life	2
040STA1L1	Internship 1	1
	<b>Institution's Elective Courses</b>	4
	<b>Total</b>	<b>30</b>

### **Semester 2**

<b>Code</b>	<b>Course Name</b>	<b>Credits</b>
040SEP2L2	Clinical Approach to SLT 2	2
040DVPLL2	Typical Development of Communication and Language	2
040EMPEL2	Genetic Embryology and Pediatrics	2
040MRP1L2	Research Methodology: Introduction to Research in Speech Therapy	2

040SMFOL1	Maxillofacial Stomatology and Orthodontics	2
040PLF2L2	Speech Therapy Practice and Word Games in French	4
040PLA2L2	Speech Therapy Practice and Word Games in Arabic	2
040PHONL2	Phonation: Anatomy, Physiology, and Pathologies	2
040FNTQL2	Phonetics 1	3
040STA2L2	Internship 2	1
040LINGL2	General Linguistics	3
015ABC2L3	Volunteering and Civic Action	2
<b>Institution's Elective Courses</b>		2
	<b>Total</b>	<b>29</b>

#### Semester 3

Code	Course Name	Credits
040SED1L3	Clinical Approach to SLT 3	2
040COAAL3	Augmentative and Alternative Communication	2
040PALYL3	Cerebral Palsy: Clinical and Linguistic Profiles	3
040ARTIL3	Articulation and Motor Speech Disorders	1
040PSPEL3	Child and Adolescent Psychopathology	3
040TRLOL3	Oral Language Disorders: Clinical Characteristics	4
040ANSYL3	Syntactic Analysis 1	3
040DEREL3	Orofacial Function Rehabilitation: Dysfunctional Salivary Swallowing	1
040SRDTL3	Hearing Loss 1	3
040STGEL1	Observation Internship 1	3
040PHONL3	Phonetics 2	2
040LEC1L4	Written Language 1: Typical Development of Written Language	2
494OCREL3	Occupation in Rehabilitation	1
<b>Institution's Elective Courses</b>		2
	<b>Total</b>	<b>32</b>

#### Semester 4

Code	Course Name	Credits
040SED2L4	Clinical Approach to SLT 4	2
040ANS2L4	Syntactic Analysis 2	2
065PSADL4	Adult Psychopathology	2
040LEC2L5	Written Language 2: Atypical Acquisition of Written Language and Speech Therapy Assessment	2
040MRP3L4	Research Methodology: Scientific Article Analysis	2
040TLE4L4	Oral Language Disorders: Assessment	2
040LAN4L4	Oral Language Disorders: Intervention	3
040MGOTL4	Genetic Diseases and Speech Therapy	3
040NGIEL4	Neurology	3

040PHCLL4	Clinical Phoniatrics	1
040SAGOL4	Observation Internship 2	3
040TRADL4	Feeding and Swallowing Disorders in the Context of Disability	3
040DSCLL6	Mathematical Cognition: Normal Development of Mathematical Thinking in Children	2
	<b>Institution's Elective Courses</b>	2
	<b>Total</b>	<b>32</b>

#### Semester 5

Code	Course Name	Credits
040APROL5	Clinical Approach to SLT 5	3
040FLENL5	Fluency Disorders	4
040DSFSL5	Developmental Language Disorders	3
040NPS1L5	Aphasiology: Speech Therapy Evaluation and Intervention	3
040RVCLL5	Vocal Rehabilitation 1	2
040OTSM5	Communication Disorders and Autism	3
040LAGEL5	Written Language 3: Remediation of Written Language Disorders	3
040STA5L5	Clinical Internship 1	4
040MTREL5	Research Methodology: Introduction to Statistical Tests	2
040AEOTL5	Speech Therapy Writing Workshop	2
	<b>Institution's Elective Courses</b>	2
	<b>Total</b>	<b>31</b>

#### Semester 6

Code	Course Name	Credits
040SET2L6	Clinical Approach to SLT 6	2
040SURDL5	Hearing Loss 2	3
040DYSPL6	Dysphagia	2
040DPLLL6	Development of Pre-logical and Logical Reasoning	1
040RVC2L6	Vocal Rehabilitation 2	2
040STA6L6	Clinical Internship 2	4
040MRPOL6	Research Methodology: Concepts and Methodology	2
040ANPRL6	Practice Analysis: Speech Therapy Assessment Methodology and Decision Trees	2
040NPS2L6	Acquired Cognitive-Linguistic Disorders	2
040MED2L6	Mediation in SLT 2	2
040IPR2L6	Practical Introduction to Research 2	2
	<b>Open Elective Course</b>	2
	<b>Total</b>	<b>26</b>

## Semester 7

Code	Course Name	Credits
040ANPRL7	Practice Analysis: Foundations of Clinical Practice in Speech Therapy and EBP	2
040SEQ1L7	Clinical Approach to SLT 7	2
040DYS2L7	Mathematical Cognition: Pathologies, Assessment, and Remediation	2
065DEOLM1	Deontology and Legislation	2
040SYDYL7	Executive Functions and Remediation in Speech Therapy	2
065LIOTL6	Interpretation of Diagnostic Investigations in Psychomotor Therapy and Psychology	3
040METOL7	Research Methodology: Types and Quantitative Models	2
040AVPOL7	Research Project Proposal 1	2
040BIETL7	Bioethics	2
065CLS2M1	Specific Terminologies: Advanced Arabic Language Course (CLAS)	2
040ANSPL7	Specific English Level A	4
040IASOL7	Artificial Intelligence in Speech Therapy: Applications and Perspectives	2
040DEMML6	Dementias and Neurodegenerative Diseases	2
	Open Elective Course	4
	<b>Total</b>	<b>33</b>

## Semester 8

Code	Course Name	Credits
040SEQ2L8	Clinical Approach to SLT 8	2
040ARMTL8	Current Medical Research Related to Developmental Disorders	3
040MRSRL8	Research Methodology: Inferential Statistics	2
015LIPPL5	Leadership, Innovation and Professionalism	2
065EC2SM2	Introduction to Health Policy and Systems	2
040AVPRL8	Research Project Proposal 2	3
040SCDSL8	Speech Therapy Care Center Internship	7
040STINL8	Institutional Speech Therapy Internship	5
040CSIGL8	Specialized Communication and Public Information	1
	<b>Total</b>	<b>27</b>

## COURSE DESCRIPTION

<b>040SEP1L1</b>	<b>Clinical Approach to SLT 1</b>	<b>2 Cr.</b>
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This required course enables students to establish connections between theoretical knowledge and observations in a clinical setting, and develop their skills in terms of knowledge, interpersonal skills, and practical abilities. It also allows them to enhance their oral and written communication, which is essential in speech therapy. It serves as a prerequisite for the second-year internship and the following courses: Internship 2, Clinical Approach in Speech Therapy 3 and 4, Oral Language Disorders: Clinical Characteristics, Oral Language Disorders: Assessment, Oral Language Disorders: Rehabilitation, Genetic Diseases and Speech Therapy.

<b>040STA1L1</b>	<b>Internship 1</b>	<b>1 Cr.</b>
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This internship takes place in a regular school and aims to discover the overall functioning of a school establishment

as well as to observe the areas of child development. It is mandatory and serves as a prerequisite for Internships 3 and 4.

<b>040SEP2L2</b>	<b>Clinical Approach to SLT 2</b>	<b>2 Cr.</b>
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This required course enables students to establish connections between theoretical knowledge and observations in a clinical setting, and develop their skills in terms of knowledge, interpersonal skills, and practical abilities. It also allows them to enhance their oral and written communication, which is essential in speech therapy.

<b>040AUDIL1</b>	<b>Audiology: Anatomy, Physiology, and Pathologies</b>	<b>3 Cr.</b>
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This required course introduces students to basic notions related to the anatomy, physiology, and pathology of the ear and hearing. It also allows them to understand the importance of the complementary nature of professions and the collaboration between speech therapists and ENT specialists.

<b>040DVPLL2</b>	<b>Typical Development of Communication and Language</b>	<b>2 Cr.</b>
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This course allows speech therapy and psychomotor therapy students to understand the typical socio-communicative and linguistic development, its functioning, and its stages. They will deepen their understanding of atypical communication and language development within the framework of various developmental or acquired pathologies.

<b>040EMPEL2</b>	<b>Genetic Embryology and Pediatrics</b>	<b>2 Cr.</b>
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This required course consists of two parts. The “Genetic Embryology” part allows students to acquire basic knowledge related to genetics and hereditary pathologies that may be encountered in speech therapy. The “Pediatrics” part is essential in the speech therapy curriculum and aims to develop students’ understanding of child development and to familiarize them with the most common childhood diseases to better care for patients.

<b>040EFPOL1</b>	<b>French Expression for Speech and Language Therapist</b>	<b>3 Cr.</b>
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This course aims at strengthening French language skills for adequate use in university courses and future speech therapy practice. It focuses on mastering basic language skills that allow the production of coherent, well-constructed discourse respecting the rules of French syntax and spelling in both oral and written forms.

<b>070INSDL1</b>	<b>Introduction to Education Sciences</b>	<b>2 Cr.</b>
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This course aims to develop psycho-pedagogical, relational, and reflective skills in students. It helps them, as part of their classroom observation, analyze the various factors that can affect children’s learning in order to take coherent and relevant actions with all educational partners to help and support students with learning difficulties.

<b>040INOTL1</b>	<b>Introduction to Speech and Language Therapy</b>	<b>2 Cr.</b>
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This course introduces students to the profession of speech therapy, its scope, and its importance. It also aims to familiarize them with the history, evolution, and current trends in speech therapy. The course addresses the theoretical and practical foundations of the profession, the various types of speech and language disorders, and the roles and responsibilities of speech therapists.

<b>040MRP1L2</b>	<b>Research Methodology: Introduction to Research in Speech Therapy</b>	<b>2 Cr.</b>
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This course introduces students to the principles and methods of scientific research in speech therapy. It covers the stages of the research process, including the formulation of research questions, literature review, research design, data collection, and data analysis. It aims to develop students’ critical thinking skills and their ability to conduct and evaluate research in the field of speech therapy.

<b>040NEROL1</b>	<b>Neuroanatomy</b>	<b>2 Cr.</b>
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This course provides students with basic knowledge of the structure and function of the nervous system. It covers the anatomy of the brain, spinal cord, and peripheral nerves, as well as their physiological functions. The course

aims to develop students' understanding of the neurological basis of speech, language, and communication disorders.

<b>040OPOIL1</b>	<b>Ophthalmology</b>	<b>1 Cr.</b>
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This course provides students with basic knowledge of the anatomy and physiology of the eye, as well as common eye diseases and their impact on communication and learning. The course aims to develop students' understanding of the role of vision in speech and language development and the importance of interdisciplinary collaboration in the assessment and treatment of visual impairments.

<b>040PHONL2</b>	<b>Phonation: Anatomy, Physiology, and Pathologies</b>	<b>2 Cr.</b>
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This course covers dysphonia (and more broadly, laryngeal pathologies), a frequently encountered disorder in speech therapy practice in Lebanon. It aims to develop students' understanding of basic sciences to facilitate the clinical process of evaluation and speech therapy intervention for individuals with dysphonia. Moreover, it allows students to acquire essential clinical knowledge for collaboration with other professionals. This course contributes to the development of the following skills:

- Understanding the multiple facets of the voice.
- Understanding the anatomy of the various organs involved in phonation.
- Understanding the functioning of the various organs involved in phonation.
- Defining dysphonia.
- Establishing a link between anatomical alterations and vocal consequences.

<b>040FNTQL2</b>	<b>Phonetics 1</b>	<b>3 Cr.</b>
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This course contributes to the development of competence 1 (clinical approach). It introduces linguistic disciplines dealing with the sound form of natural languages: phonetics.

<b>040PLA2L2</b>	<b>Speech Therapy Practice and Word Games in Arabic</b>	<b>2 Cr.</b>
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This course aims to help students master spoken and written Arabic, which is essential for their future profession. This is achieved through exercises and games that encourage deep thinking about word and sentence formation.

<b>040PLF2L2</b>	<b>Speech Therapy Practice and Word Games in French</b>	<b>4 Cr.</b>
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This course aims to develop students' mastery of the French language, indispensable in their future profession for precise and perfect communication with patients, their families, professionals around the patient, and as a perfect model to "correct" their patients' language defects. Therefore, a thorough understanding of the construction and functioning of the French language is necessary, both in terms of its phonological, lexical, syntactic, orthographic, and grammatical aspects. This course trains students to manipulate words according to different criteria, allowing them to better use the linguistic tool that is at the center of all rehabilitation.

<b>040PSYDL1</b>	<b>Developmental Psychology</b>	<b>3 Cr.</b>
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This course consists of theoretical sessions dealing with fundamental topics in developmental psychology. It incorporates practical sessions to discuss cases and theoretical applications to understand psychology in multidisciplinary contexts, aspects related to speech therapy, and language therapy.

<b>040STGEL1</b>	<b>Observation Internship 1</b>	<b>3 Cr.</b>
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This course allows students to establish links between theoretical knowledge and observations in an internship setting, to develop their skills in terms of knowledge, know-how, and soft skills. It contributes to the development of the following:

- Conducting a clinical process of screening, evaluation, and speech therapy intervention.
- Collaborating with different stakeholders in a manner adapted to the interlocutor and the context to establish a comprehensive intervention project.
- Informing and educating professionals, parents, and the patient's environment about the specificities of the encountered disorders and their implications in the patient's life, for prevention and screening purposes.

- Establishing and maintaining a quality therapeutic relationship with the patient and their relatives.

- Respecting ethical and deontological rules in all speech therapy therapeutic actions.

**Prerequisites:** Internship 2 (040STA2L2), Typical Development of Communication and Language (040DVPLL2).

**040STA2L2 Internship 2 1 Cr.**

This course consists of three successive internships: the first takes place in a nursery and aims to discover the functioning of a nursery as well as to observe the areas of a child's development; the second takes place at an ENT doctor's clinic, and the last one in a private practice with a speech therapist. The internship is mandatory and serves as a prerequisite for Internships 3 and 4.

**040SMFOL1 Maxillofacial Stomatology and Orthodontics 2 Cr.**

This course introduces students to dental medicine terminology and the classification of various types of malocclusions.

**065ACCVL2 Corporate Verbal Communication Workshop 2 Cr.**

This workshop is designed to help students develop their posture, voice, and facial expressions. It prepares them to understand and effectively use nonverbal communication in their professional practice.

**040CHP1L1 Polyphonic Singing 1 2 Cr.**

This course introduces students to the components of music, develops their auditory feedback, and initiates them to group singing. It enables them to master and understand their voice to ensure better patient follow-up in clinical practice.

**040CHP2L2 Polyphonic Singing 2 2 Cr.**

This course aims to optimize students' auditory feedback and teach them to sing in groups. It enables them to master and understand their voice to ensure better patient follow-up in clinical practice.

**065IPM3L1 Introduction to Psychomotor Therapy 3 Cr.**

This course is a prerequisite for the following courses: Psychomotor Concepts, Internship in Psychomotor Education, and Internship in Psychomotor Rehabilitation. It defines psychomotor therapy, identifies its fields of action, explains the clinical approach of the psychomotor therapist in professional practice, and describes their role within a team and in relation to other therapists in the multidisciplinary team. This course introduces students to different psychomotor domains and their importance in academic learning. By the end of this course, students should be able to contribute to diagnostic approaches by combining theory with clinical practice, develop reflexivity regarding professional identity and psychomotor practice, and position themselves as psychomotor therapists within a multidisciplinary team while respecting the complementarity of roles.

**040LINGL2 General Linguistics 3 Cr.**

This course contributes to clinical approach development: recognizing basic knowledge related to linguistics. Its objective is to introduce students to the fundamental concepts of general linguistics and provide them with the necessary foundation to understand language functioning and tools used in interpersonal communication. It allows students to become aware of the different components of language, understand and use certain notions and concepts in their speech therapy practice and in their subsequent research.

**040TKUIL1 Toolkit for University Integration 2 Cr.**

This course consists of two main parts: the first targets university integration and is offered by Mrs. Fiani and Mrs. Bou Habib for two mornings before the start of semester 1. It aims to provide the best possible integration for new ISO students, to familiarize them with USJ, the Innovation and Sports Campus, ISO (its team, values, operation), to get to know their classmates, and to participate in some activities aimed at personal development. In summary, the main objective of this course is to integrate students into their new environment and ensure a smooth transition from school to university. The second part covers the methodological aspect. It is offered

by Mrs. Richa Choucair in 6 sessions, during the first weeks of semester 1. It aims to provide new students with basic tools to start the university learning process, starting with mastering attentional and mnemonic abilities, structuring academic tasks, to effective reading, research, and information validation.

**015ABC2L3      Volunteering and Civic Action      2 Cr.**

This course aims to raise awareness among all students about the importance of their involvement in civic life by providing them with the opportunity to engage in various volunteering activities. It consists of two components: theoretical teaching and supervised practical activities.

**435LALML2      Arabic Language and Culture: Arabic Language and the Media      2 Cr.**

This course allows students to appreciate the Arabic language and its culture through a flexible and engaging approach that explores the use of the Arabic language in visual, auditory, and written media, as well as in visual, auditory, and written advertisements. It equips students with linguistic, oral, and written skills that are practically and tangibly beneficial.

**435LRCTL2      Arabic Language: Contemporary Novel, Cinema, and Theater      2 Cr.**

This course allows students to discover the Arabic language and its culture through a flexible and engaging approach, offering insight into the language's uses in sung poetry and various contemporary novels. Students thus develop effective oral and written communication skills.

**040ANSYL3      Syntactic Analysis 1      3 Cr.**

This course enables students to recognize and describe major syntactic constructions in French, English, and Lebanese Dialect. They will also be able to identify syntactic aspects affected by language pathology. This course covers appropriate linguistic terminology, allowing students not only to make precise descriptions but also to engage with scientific literature on (a)typical acquisition of syntax and its degeneration in adult pathologies.

**Prerequisites:** General Linguistics (040LINGL2), Phonetics 1 (040FNTQL2)

**040ANS2L4      Syntactic Analysis 2      2 Cr.**

This course enables students to recognize and describe major syntactic constructions in French, English, and Lebanese Dialect. They will also be able to identify syntactic aspects affected by language pathology. This course covers appropriate linguistic terminology, allowing students not only to make precise descriptions but also to engage with scientific literature on (a)typical acquisition of syntax and its degeneration in adult pathologies

**Prerequisites:** Syntactic Analysis 1 (040ANSYL3)

**040SED1L3      Clinical Approach to SLT 3      2 Cr.**

This course allows students to establish links between theoretical knowledge and observations in internship settings, and to develop their skills in terms of knowledge, behavior, and know-how.

**Prerequisites:** Clinical Approach in Speech Therapy 1 (040SEP1L1) and 2 (040SEP2L2)

**040SED2L4      Clinical Approach to SLT 4      2 Cr.**

This course allows students to establish links between theoretical knowledge and observations in internship settings, and to develop their skills in terms of knowledge, behavior, and know-how.

**Prerequisites:** Clinical Approach in Speech Therapy 3 (040ASY3L4)

**040COAAL3      Augmentative and Alternative Communication      2 Cr.**

This course allows students to learn about the different means of communication proposed to people with language difficulties and to evaluate and subsequently choose the most appropriate means of communication for the patient. Additionally, it allows students to acquire basic knowledge essential for collaboration with other professionals and the patient's environment.

**Prerequisites:** Typical Development of Communication and Language (040DVPLL2)

<b>040PALYL3</b>	<b>Cerebral Palsy: Clinical and Linguistic Profiles</b>	<b>3 Cr.</b>
This required course serves as a foundation for the training of speech therapists who wish to work with children or youth with disabilities, presenting communication and language difficulties. It allows students to know the clinical and linguistic semiology of people with cerebral palsy and understand the causes and consequences of problems encountered within the aforementioned population. Students will be able to evaluate the language specificities of people with cerebral palsy, adapt the appropriate therapeutic approach when dealing with these difficulties, work in an interdisciplinary manner, especially with occupational therapists to adapt visual assessments and rehabilitative material.		
<b>Prerequisites:</b> Neuroanatomy (040NEROL1), Pediatrics and Embryology (040EMPEL2)		
<b>040LEC1L4</b>	<b>Written Language 1: Typical Development of Written Language</b>	<b>2 Cr.</b>
This course allows students to acquire basic knowledge related to the typical development of reading, written comprehension, and transcription, and to recognize the links between written language and other abilities, such as metalinguistic skills.		
<b>040LEINL4</b>	<b>Interactive Reading</b>	<b>2 Cr.</b>
This course introduces students to the Interactive Reading of Books approach, covering its objectives, the five targeted competencies, and the identification of individuals who can benefit from this type of intervention. It enables students to apply the method during individualized sessions, tailored to each patient's needs, while working collaboratively with teachers and parents to support its use. Students also learn to establish and maintain meaningful therapeutic relationships, using natural contexts to enhance clients' oral language and literacy skills. Additionally, the course reinforces the integration of theoretical knowledge and the implementation of new intervention methods.		
<b>040MGOTL4</b>	<b>Genetic Diseases and Speech Therapy</b>	<b>3 Cr.</b>
This course focuses on developing a clinical approach to the evaluation and speech therapy intervention of individuals with intellectual disabilities. Additionally, it provides students with basic knowledge essential for collaboration with other professionals and the patient's environment.		
<b>Prerequisites:</b> Genetic Embryology and Pediatrics (040EMPEL2), Typical Development of Communication and Language (040DVPLL2)		
<b>040NGIEL4</b>	<b>Neurology</b>	<b>3 Cr.</b>
This course familiarizes speech therapy students with the neurological pathologies they will encounter. These pathologies are presented with an emphasis on mechanisms, correlation between deficit and causal lesion, speech and swallowing disorders at different stages of evolution, as well as associated neuropsychological disorders.		
<b>Prerequisites:</b> Neuroanatomy (040NEROL1)		
<b>494OCREL3</b>	<b>Occupation in Rehabilitation</b>	<b>1 Cr.</b>
This course aims to raise awareness of the occupational challenges frequently encountered by people with disabilities. The course initiates reflection on the dimensions of the person, their environment, and their occupations to understand the interactions and impacts on occupational performance. Students will become familiar with the role of occupational therapists and opportunities for collaboration within the care team.		
<b>040PHONL3</b>	<b>Phonetics 2</b>	<b>2 Cr.</b>
This course contributes to the development of students' clinical skills. It serves as a continuation of Phonetics 1 and mainly focuses on the acoustic aspect.		
<b>Prerequisites:</b> Phonetics 1 (040FNTQL2)		
<b>040PHCLL4</b>	<b>Clinical Phoniatrics</b>	<b>1 Cr.</b>
This course covers dysphonia, a frequently encountered disorder in speech therapy practice in Lebanon. It introduces vocal pathologies to facilitate the clinical approach to evaluation and speech therapy intervention for		

individuals with dysphonia. Moreover, it allows students to acquire essential clinical knowledge for collaboration with other professionals. This course contributes to the development of the following skills: being reactive to the knowledge acquired during the Phonation course: anatomy, physiology, pathology; developing new knowledge necessary for acquiring rehabilitation methods in the 3rd year for dysphonic patients; and reflecting on the diagnosis and management of a dysphonic patient. It encourages students in self-learning by promoting group work, and is based on the principles of “Collaborative Learning” and “Team-Based Learning”.

**Prerequisites:** Phonation (040PHONL2)

**040PSPEL3      Child and Adolescent Psychopathology      3 Cr.**

This course covers the complex psychopathological disorders encountered by children and adolescents, requiring consideration of all psychological, biological, and social factors that contribute to their onset and maintenance. This course presents each disorder with diagnostic criteria, determining factors, and an overview of treatments. By the end of this course, students will be able to detect the main symptoms of each disorder in order to refer to a professional when needed. Students will also identify risk situations and analyze a clinical case, including writing a clinical observation.

**Prerequisites:** Developmental Psychology (040PSYDL1)

**040DEREL3      Orofacial Function Rehabilitation: Dysfunctional Salivary Swallowing      1 Cr.**

This required course (approximately 12 hours of classes and 3 hours of TPC) is taught in French for 2<sup>nd</sup>-year speech therapy students.

**Prerequisites:** Phonation (040PHONL2) and Maxillofacial Stomatology and Orthodontics (040SMFOL1)

**040SAGOL4      Observation Internship 2      3 Cr.**

This required course allows students to establish links between theoretical knowledge and observations in internship settings, and to develop their skills in terms of knowledge, behavior, and know-how.

**Prerequisites:** Observation Internship 1 (040STA3L3)

**040SRDTL3      Deafness 1      3 Cr.**

This course explains how to recognize specific oral language disorders in deafness, better use the means of communication, and understand the role of speech therapy intervention within a multidisciplinary team. It contributes to the development of the following skills: Competence 1: Clinical approach: recognizing basic knowledge specific to deafness: communicative, linguistic, etc.; Competence 2: Collaboration: knowing the scope of the speech therapist's action with deaf children and collaborating with other professionals for a global intervention project; Competence 3: Communication ability: identifying the needs of the deaf person, their environment, and transmitting appropriate advice and interventions to teams and families; Competence 4: Therapeutic relationship: establishing and maintaining a therapeutic relationship with the deaf person and their family, while adjusting communication and being able to explain the importance and limits of speech therapy intervention.

**Prerequisites:** Audition (040AUDIL1), Typical Development of Communication and Language (040DVPLL2)

**040TRADL4      Feeding and Swallowing Disorders in the Context of Disability      3 Cr.**

This required course serves as a basis for the training of speech therapists who wish to work with children or young people with disabilities, presenting feeding and swallowing difficulties.

**Prerequisites:** IMCI (040IMCIL3), Orofacial Function Rehabilitation: Salivary Swallowing (040REEDL3)

**040TRLOL3      Oral Language Disorders: Clinical Characteristics      4 Cr.**

This course consists of a theoretical introduction to the domains of oral language (phonology, articulation, vocabulary, syntax, pragmatics, discourse) and to language disorders. It covers the components of language and the characteristics of language disorders.

**Prerequisites:** Typical Development of Communication and Language (040DVPLL2) and Internship 2 (040STA2L2)

<b>040ART13</b>	<b>Articulation and Motor Speech Disorders</b>	<b>1 Cr.</b>
This course covers articulation and speech disorders, their classifications and symptoms, as well as underlying genetic and neurological causes. By the end of this course, students will be able to assess, diagnose, and treat articulation and speech disorders as well as differentiate them from other similar disorders.		
<b>Prerequisites:</b> Typical Development of Communication and Language (040DVPLL2) and Internship 2 (040STA2L2)		
<b>040TLE4L4</b>	<b>Oral Language Disorders: Assessment</b>	<b>2 Cr.</b>
This course is an introduction to the evaluation of oral language, interpretation of assessment results, and writing an assessment report.		
<b>Prerequisite:</b> Oral Language Disorders: Clinical Characteristics (040TRLOL3)		
<b>040LAN4L4</b>	<b>Oral Language Disorders: Intervention</b>	<b>3 Cr.</b>
Oral Language 4: Clinical Case Studies. Last part of the “Oral Language” module: theoretical and practical treatment of evaluation and intervention modalities for oral language disorders. This course teaches students to analyze the data collected following the evaluation of a patient’s oral language, by crossing inter-language results and taking into account the socio-cultural environment, to make a speech therapy diagnosis.		
<b>Prerequisite:</b> Oral Language Disorders: Clinical Characteristics (040TRLOL3)		
<b>040MED1L3</b>	<b>Mediation in SLT 1</b>	<b>2 Cr.</b>
This course prepares students to adopt an effective clinical approach during rehabilitation sessions in the 3rd and 4 <sup>th</sup> years. It develops their ability to understand and apply various tools from different mediations, justify their use, and employ them flexibly and creatively in shared activities. This transversal course can be conducted individually or in groups and runs concurrently with the 2nd-year internship.		
<b>040LEC2L5</b>	<b>Written Language 2: Atypical Acquisition of Written Language and Speech Therapy Assessment</b>	<b>2 Cr.</b>
This required course has a dual objective. First, it familiarizes students with the atypical development of written language and its clinical manifestations, including reading, transcription, written comprehension, and metalinguistic skills. Second, it introduces the different evaluation methods used in Lebanon and teaches students how to select the appropriate tools in order to make a precise diagnosis for each child’s case.		
<b>Prerequisite:</b> Written Language 1 (040LEC1L4)		
<b>040MRP3L4</b>	<b>Research Methodology: Scientific Article Analysis</b>	<b>2 Cr.</b>
This course introduces students to research methods and the formulation of research questions. It aims to help them understand the outcomes of Evidence-Based Practice (EBP), formulate relevant research questions, and understand research designs to conduct critical appraisals.		
<b>Prerequisite:</b> Research Methodology: Introduction to Research in Speech Therapy (040MRP1L2)		
<b>040DPLL6</b>	<b>Development of Pre-logical and Logical Reasoning</b>	<b>1 Cr.</b>
This course aims to provide students with basic theoretical knowledge on the development of pre-logical and logical thinking in children. It also aims to raise awareness of new cognitive theories relating to the development of reasoning in children.		
<b>040ANPRL6</b>	<b>Practice Analysis: Speech Therapy Assessment Methodology and Decision Trees</b>	<b>2 Cr.</b>
This course is linked with “Practice Analysis 1: Fundamentals of Speech Therapy Practice.” It enables students to develop the following skills: - Carry out an effective clinical approach to screening, evaluation, and speech therapy intervention - Develop a justified and reasoned speech therapy diagnostic hypothesis - Use scientific data to support clinical practice - Collaborate with different stakeholders in a manner appropriate to the interlocutor and context - Inform parents, professionals, and the environment about the specificities of disorders and what actions to take - Develop a speech therapy treatment plan tailored to the patient’s needs and objectively verifiable - Respect deontological and ethical rules in all therapeutic actions.		

**Prerequisites:** Oral Language Disorders (Evaluation) (040TLE4L4) and Written Language 2: Atypical Acquisition of Written Language and Speech Therapy Assessment (040LEC2L5)

**040NPS1L5      Aphasiology: Speech Therapy Evaluation and Intervention      3 Cr.**

This course explains the link between brain function and language disturbances following brain injury, and is a prerequisite for the adult internship in the 4<sup>th</sup> year. It allows students to discover and understand the work of the speech therapist in the field of adult neurology, in the hospital setting at the acute stage, and in rehabilitation for longer-term follow-up. By the end of this course, students will be ready to use the acquired knowledge in terms of evaluation, write assessment reports using appropriate aphasia terminology, and establish baseline data if there is a need for treatment, while adapting to the specificities and constraints represented by the Lebanese dialect and the issue of multilingualism in Lebanon.

**Prerequisites:** Neurology (040NGIEL4), Oral Language Disorders (Clinical Characteristics) (040TRLOL3)

**040APROL5      Clinical Approach to SLT 5      3 Cr.**

This required course is part of the initial training program for speech therapists in semesters 5 and 6.

**Prerequisites:** Observation Internship 2 (040SAGOL4), Oral Language Disorders (Intervention) (040LAN4L4)

**040SET2L6      Clinical Approach to SLT 6      2 Cr.**

This course allows students to develop a clinical approach to speech therapy evaluation and intervention in students, by using knowledge related to pathologies and scientific data to support clinical practice. This course introduces students to a practice analysis approach while familiarizing them with the principles of Evidence-Based Practice.

**Prerequisites:** Clinical Approach 5 (040APROL5) and Clinical Internship 1 (040STA5L5)

**040AEOTL5      Speech Therapy Writing Workshop      2 Cr.**

This workshop explains the importance of the quality of professional writing, as well as the quality of written work through practical writing exercises and the presentation of writing tools in French.

**Prerequisite:** Observation Internship 2 (040SAGOL4)

**040DSCLL6      Mathematical Cognition: Normal Development of Mathematical Thinking in Children      2 Cr.**

This course provides students with basic theoretical knowledge about the normal development of logical and mathematical thinking.

**040DEMML6      Dementias and Neurodegenerative Diseases      2 Cr.**

This course provides an in-depth understanding of dementias and neurodegenerative diseases, as well as their consequences on communication and cognitive functions.

**Prerequisites:** Neurology (040NGIEL4), Aphasiology: Speech Therapy Evaluation and Intervention (040NPS1L5)

**040DYSPL6      Dysphagia      2 Cr.**

Neurological and neurodegenerative swallowing disorders: This part develops the theme of swallowing and its disorders, the assessment and management of swallowing disorders, and the multidisciplinary approach to recognizing them in adults.

Dysphagia related to upper aerodigestive tract cancer: This part provides an overview of the evaluation and management process of swallowing problems, and highlights responsible decision-making regarding service provision for dysphagia. It encourages a multidisciplinary approach and ensures the safety of patients.

**Prerequisites:** Eating and Swallowing Disorders (040TRADL4), Orofacial Function Rehabilitation: Dysfunctional Salivary Swallowing (040REEDL3)

**040LAGEL5      Written Language 3: Remediation of Written Language Disorders      3 Cr.**

This required course is offered to students enrolled in the third year of the Bachelor in Speech and Language Therapy. It follows the course taught in the 5<sup>th</sup> semester “Clinical Manifestations of Written Language Disorders

and Speech Therapy Evaluation.”

**Prerequisite:** Written Language 2: Atypical Acquisition of Written Language and Speech Therapy Assessment (040LEC2L5)

**040MTREL5 Research Methodology: Introduction to Statistical Tests**

**2 Cr.**

This course aims to provide students with experimental skills in the application of statistical tests in clinical practice, and helps them demonstrate the existence of similarities or differences on specific aspects in a studied population. It also provides them with the necessary knowledge for the design of case studies and the evaluation of treatment validity.

**Prerequisite:** Research Methodology: Introduction to Research in Speech Therapy (040MRP1L2)

**040MRPOL6 Research Methodology: Concepts and Methodology**

**2 Cr.**

This course is an introduction to research methods and the formulation of research questions. It helps students formulate a research question, draw hypotheses, and plan their research according to methodologies in use in the SLT field.

**Prerequisite:** Research Methodology: Analysis of Scientific Articles (040MRP3L4)

**040STA5L5 Clinical Internship 1**

**4 Cr.**

This internship develops students' clinical approach to the evaluation and intervention of patients with communication, language (oral or written), and fluency disorders, taking the patient's context into account. It enables students to conduct comprehensive screening and therapy, collaborate with educators, psychomotor therapists, and psychologists to design effective intervention plans, and inform stakeholders about the nature and implications of the disorders for prevention and screening purposes. Students also learn to establish and maintain high-quality therapeutic relationships, develop protocols based on theoretical evidence for rigorous rehabilitation, and adhere to professional and ethical standards in all speech therapy practices.

**Prerequisites:** Oral Language Disorders (Intervention) (040LAN4L4), Observation Internship 2 (040SAGOL4)

**040STA6L6 Clinical Internship 2**

**4 Cr.**

This internship develops students' clinical approach to the evaluation and intervention of patients with communication, language (oral or written), and fluency disorders, taking the patient's context into account. It enables students to conduct comprehensive screening and therapy, collaborate with educators, psychomotor therapists, and psychologists to design effective intervention plans, and inform stakeholders about the nature and implications of the disorders for prevention and screening purposes. Students also learn to establish and maintain high-quality therapeutic relationships, develop protocols based on theoretical evidence for rigorous rehabilitation, and adhere to professional and ethical standards in all speech therapy practices.

**Prerequisites:** Clinical Approach 5 (040SET1L5) and Clinical Internship 1 (040STA5L5)

**040SURDL5 Hearing Loss 2**

**3 Cr.**

This course develops students' clinical approach to the evaluation and intervention of children and adults with hearing loss. It also provides essential clinical knowledge to facilitate collaboration with patients' families and other team members, particularly in cochlear implant centers.

**Prerequisites:** Oral Language Disorders (Clinical Characteristics) (040TRL0L3), Hearing Loss I (040SRDTL3)

**040NPS2L6 Acquired Cognitive-Linguistic Disorders**

**3 Cr.**

This course is complementary to the “Aphasiology” course. It familiarizes students with cognitive and motor disturbances associated with language disturbances following brain injury. It is a prerequisite for the adult internship in the 4<sup>th</sup> year. It allows students to discover and recognize the disorders associated with aphasia, often encountered in brain-injured patients and interfering with the work of the speech therapist in the field of adult neurology, in the hospital setting at the acute stage and in rehabilitation for longer-term follow-up. It also aims at understanding the role of different specialized interveners in the field of adult rehabilitation for optimal evaluation and collaboration necessary for comprehensive and multidisciplinary care.

**Prerequisite:** Aphasiology: Speech Therapy Evaluation and Intervention (040NPS1L5)

<b>040OTSML5</b>	<b>Communication Disorders and Autism</b>	<b>3 Cr.</b>
This course explores the development and management of social communication disorders, including autism spectrum disorder, within the context of recent advances in neuroscience, cognitive science, developmental psychology, and genetics. It emphasizes the application of theoretical knowledge to clinical practice, guiding students in assessment and rehabilitation through evidence-based methods, consideration of each child's learning strategies, and the specific characteristics of their environment. Offered in the 5th semester of the initial speech therapy training, the course examines various rehabilitation practices and situates them within the context of the patient, their family, and the resources available to the speech therapist.		
<b>Prerequisites:</b> Oral Language Disorders (Intervention) (040LAN4L4), Child and Adolescent Psychopathology (040PSPEL3)		
<b>040FLENL5</b>	<b>Fluency Disorders</b>	<b>4 Cr.</b>
This required course, offered in the 5 <sup>th</sup> semester of the initial speech therapy program, focuses on the evaluation and intervention of individuals who stutter or stumble, pathologies commonly encountered in speech therapy practice in Lebanon. It develops students' clinical approach and provides essential knowledge for effective collaboration with the patient's family and other team members.		
<b>Prerequisite:</b> Oral Language Disorders (clinical characteristics, evaluation) (040LAN3L4)		
<b>040DSFSL5</b>	<b>Developmental Language Disorders</b>	<b>3 Cr.</b>
This course, offered in the 5 <sup>th</sup> semester of the basic curriculum, focuses on developmental language disorder (DLD), an invisible disability affecting approximately 1 in 14 children and influencing schooling, social relationships, and emotional development. It emphasizes the speech therapist's role in diagnosis, intervention, family support, and collaboration with other professionals. The course develops students' understanding of this complex, multifactorial disorder, enabling them to implement precise and context-sensitive clinical approaches that consider the patient's family, school, and multidisciplinary team.		
<b>Prerequisite:</b> Oral Language Disorders (Clinical Characteristics, Evaluation) (040LAN3L4)		
<b>040IPR2L6</b>	<b>Practical Initiation to Research 2</b>	<b>2 Cr.</b>
This course prepares students for future research (research paper for the completion of the Bachelor or Master in Speech and Language Therapy) by fostering rigor in data collection and reflection to achieve a good analysis of results through Excel software.		
<b>040MED2L6</b>	<b>Mediation in SLT 2</b>	<b>2 Cr.</b>
This course enables students to use various tools (derived from different mediations: books, games, music, and singing) in a flexible and enjoyable manner, in direct connection with the objectives set in the therapeutic project. This transversal approach, which can take place individually or in groups, will be applied according to different criteria characterizing children: age and pathology. Students will learn to use these mediations to serve targeted objectives, in a flexible yet rigorous manner, with pleasure and creativity. By the end of this course, students should be able to justify their interest and limitations in the intervention. This course takes place in parallel with the directed intervention internship in the 3 <sup>rd</sup> year.		
<b>Prerequisites:</b> Observation Internship 2 (040SAGOL4), Mediation in SLT 1 (040MED1L3)		
<b>040IPR1L5</b>	<b>Practical Initiation to Research 1</b>	<b>2 Cr.</b>
This course prepares students for future research (research paper for the completion of the Bachelor or Master in Speech and Language Therapy) by fostering curiosity about research, ethics, and rigor in data collection and scoring.		
<b>040RVCLL5</b>	<b>Vocal Rehabilitation 1</b>	<b>2 Cr.</b>
This course allows students to understand the functioning of the voice in order to assess it. Consequently, they will be able to establish the necessary objectives for a well-targeted speech therapy intervention.		

**Prerequisites:** Clinical Phoniatrics (040PHCLL4), Phonetics 2 (040PHONL3)

<b>040RVC2L6</b>	<b>Vocal Rehabilitation 2</b>	<b>2 Cr.</b>
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This course allows students to be better sensitized to various vocal pathologies such as laryngeal cancer and laryngeal immobility. It enables them to establish an appropriate scheme for speech therapy intervention. They will be increasingly equipped to intervene with patients presenting vocal pathologies through adapted exercises.

**Prerequisites:** Clinical Phoniatrics (040PHCLL4), Phonetics 2 (040PHONL3)

<b>040ARMTL8</b>	<b>Current Medical Research Related to Developmental Disorders</b>	<b>3 Cr.</b>
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This required course addresses developmental disorders, which are frequently encountered by speech therapists in their practice. It updates students' scientific knowledge regarding the main types of developmental disorders, in order to better understand them and propose more adapted evaluations and treatments, and provide effective support to families. The course also develops students' ability to analyze patient profiles taking into account the comorbidity of disorders and equips them with essential clinical knowledge for collaboration with other interveners.

<b>040ANPRL7</b>	<b>Practice Analysis: Foundations of Clinical Practice in Speech Therapy and EBP</b>	<b>2 Cr.</b>
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This course, which requires the prerequisite "Practice Analysis: Evaluation Methodology and Decision Tree," focuses on the essential role of speech therapy evaluation in the care process. It emphasizes the anamnesis interview as a fundamental step for contextualizing the complaint, identifying the patient's needs, and building clinical reasoning based on their history. This process is complemented by formal or standardized evaluations to objectify the complaint and guide therapeutic decisions. The course highlights the importance of establishing a therapeutic alliance and selecting appropriate evaluation tools and strategies. Students are introduced to making informed clinical decisions through the lens of Evidence-Based Practice (EBP), enabling them to choose the most relevant evaluation methods, targets, and intervention strategies tailored to each patient's needs.

**Prerequisites:** Concurrently take CDSO during the year

<b>040ANSPL7</b>	<b>Specific English Level A</b>	<b>4 Cr.</b>
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This course aims to cultivate critical thinking, reading, oral communication, and writing proficiency. It centers on the synthesis of sources to craft a research paper and defend it in front of an audience. The course underscores the importance of analytical reading across diverse text genres relevant to various disciplines, as well as the synthesis of information from multiple sources to generate written content and deliver it effectively in oral form.

**Prerequisites:** Graduation year

<b>040SEQ1L7</b>	<b>Clinical Approach to SLT 7</b>	<b>2 Cr.</b>
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This course develops students' clinical approach to the evaluation and intervention of children and adults with communication or language disorders, both oral and written, while considering the patient's context, including family, school, and other members of the multidisciplinary team. By the end of the course, students will be able to apply competencies in clinical practice, therapeutic relationships, research, and professionalism, making informed and justified clinical decisions in screening, evaluation, and management of specific oral language disorders, with attention to ethics and evidence-based practice. They will also develop collaboration and communication skills, enabling them to work effectively with various stakeholders to inform them and implement a coherent intervention plan that supports the patient's communication and overall development.

**Prerequisites:** Clinical Internships 1 (040STA5L5) and 2 (040STA6L6)

<b>040SEQ2L8</b>	<b>Clinical Approach to SLT 8</b>	<b>2 Cr.</b>
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This course develops students' clinical approach to the evaluation and intervention of children and adults with voice, communication, or language disorders, both oral and written, while taking the patient's context into account.

**Prerequisites:** Clinical Internships 1 (040STA5L5) and 2 (040STA6L6)

<b>040DYS2L7</b>	<b>Mathematical Cognition: Pathologies, Assessment, and Remediation</b>	<b>2 Cr.</b>
This course provides students with basic theoretical knowledge of atypical development of mathematical thinking. It aims to develop in students a clinical approach to speech therapy evaluation and interpretation of various mathematical disorders and number processing, as well as an estimation of their academic repercussions in children and adolescents.		
<b>Prerequisite:</b> Mathematical Cognition: Normal Development of Mathematical Thinking in Children (040DSCLL6)		
<b>065DEOLM1</b>	<b>Deontology and Legislation</b>	<b>2 Cr.</b>
This course aims to familiarize students with labor law and social security. By the end of this course, they will understand their rights and obligations in the workplace, both as future employees and employers.		
<b>040SYDYL7</b>	<b>Executive Functions and Remediation in Speech Therapy</b>	<b>2 Cr.</b>
This course emphasizes a holistic and transversal approach to assessing language and learning, taking into account the interrelated dimensions of cognitive and language development that influence behavior and learning. It develops students' competence in clinical expertise, including evaluation methodology, differential diagnosis, and targeted intervention practices based on executive function (EF) models. Offered in the first semester, the course equips future speech therapists to conduct diagnostic assessments, perform differential diagnoses, and implement targeted intervention plans. It also deepens their understanding of current research, enabling them to analyze patient issues more effectively by integrating insights from neuroscience and EF-related concepts.		
<b>Prerequisites:</b> Clinical Internships 1 (040STA5L5) and 2 (040STA6L6) and concurrently take CDSO		
<b>040CSIGL8</b>	<b>Specialized Communication and Public Information</b>	<b>1 Cr.</b>
This course aims to develop students' critical thinking regarding the use of social networks for professional purposes as speech therapists. It helps them understand the uses of social networks, reflect on the ethical issues they raise, and identify what is appropriate or not in a professional context.		
<b>040IASOL7</b>	<b>Artificial Intelligence in Speech Therapy: Applications and Perspectives</b>	<b>2 Cr.</b>
This course allows students to explore the many ways in which AI can be used to improve practices in speech therapy. Students will explore how generative AI can be used to create content, language, and resources useful in the field of speech therapy. The course focuses on practical applications, tools, and ethical implications of using generative AI in the context of rehabilitation and communication.		
<b>065LIOTL6</b>	<b>Interpretation of Diagnostic Investigations in Psychomotor Therapy and Psychology</b>	<b>3 Cr.</b>
This course offers practitioners, psychomotor therapists, and speech therapists a general overview of the various psychological tests used in children and adults. By the end of this course, students will be able to read and understand a psychological report to benefit from the resulting data and use psychological knowledge in their clinical and therapeutic practice.		
<b>040MRSRL8</b>	<b>Research Methodology: Inferential Statistics</b>	<b>2 Cr.</b>
This course familiarizes students with the design, analysis, and interpretation of statistical data using the IBM SPSS 25.0.0. By the end of this course, students will be able to input data, apply tests of normality, and use selected parametric tests. The course prepares them to handle the statistical component of their research papers.		
<b>Prerequisite:</b> Research Methodology: Introduction to Statistical Tests (040MTREL5)		
<b>040METOL7</b>	<b>Research Methodology: Types and Quantitative Models</b>	<b>2 Cr.</b>
This course introduces students to the main principles of quantitative and qualitative research, as well as the Systematic Review methodology. It highlights how research in speech-language therapy (SLT) differs from other fields, such as medicine or psychology, by often prioritizing individuals' experiences. In a context where patient satisfaction and personalized care are essential, understanding both quantitative and qualitative approaches is crucial. Quantitative methods are used to determine whether interventions are effective, while qualitative		

methods explore how interventions work, including their feasibility, acceptability, and transferability. The course also provides practical guidance on applying these methods to research in SLT and communication disorders, including conducting Systematic Reviews.

**Prerequisite:** Research Methodology: Concepts and Methodology (040MRPOL6)

**040NOREL8      Research Project Proposal 2**

**3 Cr.**

This course develops students' research skills to meet both academic requirements, in compliance with the rules of research in speech therapy or medical sciences, and professional requirements, to provide practical utility in clinical practice. Prerequisites for the course include Clinical Internships 1 and 2. By the end of this course, students will be able to demonstrate Competency 5 by actively engaging in clinical research to advance knowledge and contribute to the profession of speech therapy in Lebanon.

**Prerequisites:** Clinical Internships 1 (040STA5L5) and 2 (040STA6L6)

**040AVPOL7      Research Project Proposal 1**

**2 Cr.**

This course develops students' research skills to meet both academic requirements, in compliance with the rules of research in speech therapy or medical sciences, and professional requirements, to provide practical utility in clinical practice. By the end of this course, students will be able to demonstrate Competency 5 by actively engaging in clinical research to advance knowledge and contribute to the profession of speech therapy in Lebanon.

**Prerequisites:** Clinical Internships 1 (040STA5L5) and 2 (040STA6L6)

**040SCDSL8      Speech Therapy Care Center Internship**

**7 Cr.**

This course develops students' clinical approach to the evaluation and intervention of patients with voice, communication, or language disorders, both oral and written, while considering the patient's context, including family, school, and other members of the multidisciplinary team. Prerequisites for the course include Clinical Internships 1 and 2. By the end of this course, students will demonstrate Competencies 1, 4, 5, and 6: clinical approach, therapeutic relationship, research, and professionalism, by making justified clinical decisions and mastering screening, evaluation, and management of specific oral language disorders with attention to ethics and evidence-based practice. They will also apply Competencies 2 and 3: collaboration and communication skills, by working effectively with stakeholders to implement a coherent intervention plan that supports the patient's communication and overall development.

**Prerequisite:** Clinical Internship 2 (040STA6L6)

**040STINL8      Institutional Speech Therapy Internship**

**5 Cr.**

This course develops students' clinical approach to the evaluation and intervention of patients with voice, communication, or language disorders, both oral and written, while considering the patient's context, including family, school, and other members of the multidisciplinary team. Prerequisites include Clinical Internships 1 and 2. By the end of this course, students will demonstrate Competencies 1, 4, 5, and 6: clinical approach, therapeutic relationship, research, and professionalism, by making justified clinical decisions and mastering screening, evaluation, and management of specific oral language disorders with attention to ethics and evidence-based practice. They will also apply Competencies 2 and 3: collaboration and communication skills, by working effectively with various stakeholders to implement a coherent intervention plan that supports the patient's communication and overall development.

**Prerequisite:** Clinical Internship 2 (040STA6L6)

**040BIETL7      Bioethics**

**2 Cr.**

This course aims to provide students with ethical, critical, and innovative reflection on their professional practice as well as on social and collective issues. This course is essential as it allows speech therapy students to understand the ethical principles and values in healthcare, and to reflect on common ethical dilemmas in their profession. It also enables them to apply ethical principles and values when making difficult healthcare decisions.

**065CLS2M1      Specific Terminologies: Advanced Arabic Language Course (CLAS)      2 Cr.**

This course is part of the Master in Psychomotor Therapy (Institute of Psychomotor Therapy) and is also open to students pursuing a diploma at the Higher Institute of Speech and Language Therapy.

Students will develop the following skills:

- Pursuing continuous professional development
- Working effectively within a multidisciplinary team

It enhances students' understanding of specialized Arabic language and technical terminology in the field of rehabilitation (particularly in psychomotor therapy and speech-language therapy), and trains them to use this language correctly and effectively in professional settings, including conversations, oral presentations, and well-structured written work.

**065EC2SM2      Introduction to Health Policy and Systems      2 Cr.**

This course aims to equip students with fundamental knowledge of health policies and systems. It covers essential concepts, principles, and scientific skills necessary for enhancing healthcare systems to promote population health. Students will be able to anticipate future needs, adapt to evolving models of community health, and address emerging societal demands in health policy development. While public health professionals typically focus on proposing technical solutions to population health issues, this course acknowledges the complexity of public policy development. It explores the influence of factors such as power dynamics, interests, politics, and human rights on program development, policy creation, and implementation. Providing a comprehensive introduction to healthcare system structures and objectives, the course also examines the role of power and processes in shaping health policies.

**015LIPPL5      Leadership, Innovation and Professionalism      2 Cr.**

This course initiates students to demonstrate leadership and innovation in facing complex situations. It encourages them to work in multidisciplinary teams and adopt a professional conduct that respects human values and institutional culture. It enables students to:

- Demonstrate leadership and innovation.
- Manage their skills according to the chosen career orientation and in line with evolving professional requirements.
- Work in a team with other professionals while respecting institutional culture and social work values.

**065PSADL4      Adult Psychopathology      2 Cr.**

This course equips future therapists (psychomotor therapists and speech therapists) with the knowledge of the symptomatology and semiology of psychiatric disorders encountered in adults.

**064VALEL1      USJ Values in Daily Life      2 Cr.**

This course raises students' awareness of the core values of the Saint Joseph University of Beirut (USJ) so that they can integrate them into their personal, interpersonal, and professional lives. It engages students in a critical reflection on how the values outlined in the USJ Charter can influence their behaviors, actions, and decisions in order to address the challenges of the contemporary world. They will also become aware of global issues and ethical responsibilities, ready to contribute positively to building a better society.

**040IPR2L6      Practical Introduction to Research 2      2 Cr.**

Building upon the Practical Introduction to Research I course, this course focuses on refining students' skills in data collection methods and analysis of results. It introduces the use of Microsoft Excel for creating tables and charts, offering both theoretical insights and practical exercises to equip students for their final dissertation.

**Prerequisite:** Practical Introduction to Research 1 (040PIRSL5)

**016PEARL1      Pedagogy Through Art      3 Cr.**

This integrated workshop brings together different artistic disciplines seen from an educational angle. It represents a space for an essential meeting between the world of education and that of creation. It promotes an approach centered on a critical, effective, in-depth, creative and reflective practice. It is a workshop for educational innovation and artistic engagement.