

UNIVERSITY DIPLOMA IN AUDIOPHONOLOGY

Main Language of Instruction:French ☐ English ☒ Arabic ☐**Campus Where the Program Is Offered:** CIS**OBJECTIVES**

The University Diploma in Audiophonology aims to train versatile audiologists capable of:

- Assessing the hearing of patients of all ages;
- Recommending appropriate solutions for hearing loss while supporting patients and their families;
- Organizing awareness campaigns on noise pollution, hearing impairments, and their consequences on personal development and quality of life.

PROGRAM LEARNING OUTCOMES (COMPETENCIES)

- Conduct accurate hearing screening and assessment, enabling targeted and individualized patient management based on evidence-based practice and the integration of new research into clinical care.
- Develop interdisciplinary teamwork skills by learning to collaborate effectively with ENT specialists, neurologists, hearing aid specialists, speech-language therapists, and other healthcare professionals involved in patient care.
- Establish high-quality communication with patients, their families, and healthcare professionals in order to promote informed decision-making and effective support.
- Strengthen their role as experts in audiophonology by respecting ethical principles and actively contributing to improving the quality of life of individuals with hearing impairments.

ADMISSION REQUIREMENTS

- Applicants must hold a degree in medicine or speech-language therapy.

PROGRAM REQUIREMENTS**15 Credits: Required Courses (15 credits)**

Hearing Loss in the 21st Century (3 Cr.), Clinical Audiology Diagnosing and Interpreting Hearing Disorders (4 Cr.), Hearing Aids: Selection, Functioning, and Technological Advances (2 Cr.), Preventing and Supporting Hearing Loss at All Ages (3 Cr.), Presbycusis: Diagnostic, Therapeutic, Family and Professional Support Approach (1 Cr.), Internship (2 Cr.).

COURSE DESCRIPTION

04oHITCF1	Hearing Loss in the 21st Century	3 Cr.
This course familiarizes students with the auditory system and provides them with an in-depth understanding of its functioning. It presents the different pathologies leading to hearing loss and introduces hearing assessment according to ENT clinical protocols. The course also addresses therapeutic solutions for hearing rehabilitation and highlights the complementary roles of the various professionals in the field (ENT specialists, speech-language therapists, audiologists, and hearing aid specialists).		
04oESHPP1	Clinical Audiology Diagnosing and Interpreting Hearing Disorders	4 Cr.
This course focuses on hearing assessment and management for infants, young children, and individuals with developmental delays, which are essential in minimizing the developmental effects of hearing loss. Students will gain an understanding of auditory behavior development, an overview of Early Hearing Detection and Intervention (EHDI) programs, developmentally appropriate physiological and behavioral assessment techniques, as well as hearing amplification. Case studies and video examples are used to reinforce key concepts.		

040HAIDF1	Hearing Aids: Selection, Functioning, and Technological Advances	2 Cr.
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This course provides detailed instruction on the selection, fitting, verification, and validation of hearing aids, with a focus on best practices and evidence-based clinical decision-making. The course covers candidacy assessment, selection of electroacoustic features, outcome measurement, and post-fitting follow-up. Students will develop skills in applying prescriptive formulas, conducting real-ear verification, and customizing technologies to meet individual patient needs. In addition, the course examines modern signal processing techniques used in digital hearing aids, such as compression/expansion, directionality, noise reduction, feedback suppression, frequency lowering, and wireless connectivity. Each strategy is reviewed in terms of theoretical principles, clinical application, advantages and limitations, and evaluation methods.

040PSHLF1	Preventing and Supporting Hearing Loss at All Ages	3 Cr.
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This course provides updated knowledge to better understand the different sociological, psychological, and environmental factors involved in the life course of individuals with hearing impairment, identify their impact on daily life, and provide informed and appropriate support. It also includes reflection on local public health initiatives intended to improve the daily lives of individuals with hearing impairment in Lebanon. The course promotes a compassionate and professional approach to supporting families from the time of diagnosis onward, while encouraging appropriate care for children.

040PDTF1	Presbycusis: Diagnostic, Therapeutic, Family and Professional Support Approach	1 Cr.
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This course provides an in-depth understanding of presbycusis, covering its epidemiology, pathophysiology, clinical manifestations, diagnostic tools, therapeutic approaches, as well as family and professional support strategies. Students will acquire both theoretical knowledge and practical tools for the assessment, intervention, and rehabilitation of older adults with hearing loss.

040AUINF1	Internship	2 Cr.
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This internship equips students with the skills required for clinical practice in audiophonology. They will be able to:

- Recognize the scope of practice of other professionals and/or cooperate with them;
- Identify, select, and use scientific evidence to address issues related to audiology practice;
- Integrate relevant contributions from other professionals into their own practice;
- Communicate effectively according to the level and knowledge of individuals;
- Implement support strategies in partnership with multidisciplinary team members and families;
- Establish and maintain high-quality therapeutic relationships with patients, parents, and individuals involved in patient care;
- Apply high-quality clinical knowledge and practice standards regardless of the complexity of the situation;
- Master various forms of oral and written communication for scientific and public audiences, particularly for prevention and awareness campaigns.

Students will complete three internships: one in a specialized school, one in a hearing aid center, and one in a hospital audiophonology center.