



American University of Beirut
Faculty of Health Sciences and Faculty of Medicine



Health Professions Programs

**Faculty of Health Sciences
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What Are Health Professions?

In addition to doctors and nurses, the world of healthcare includes other dedicated health care professionals who provide quality care to patients. These health care professionals need the best education and training to meet the challenges of increasingly complex health care services and of the rapidly growing healthcare field in Lebanon and the region.

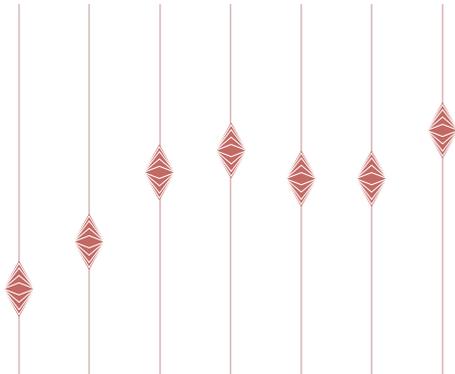
If you have a desire for professional growth and lifelong learning, consider applying to one of the following health profession degrees:

Medical Audiology Sciences (MAS)

Medical Imaging Sciences (MIS)

Medical Laboratory Sciences (MLS)

These programs are run jointly between the Faculty of Health Sciences (FHS) and the Faculty of Medicine (FM) at the American University of Beirut (AUB).



Medical Audiology Sciences

Audiology is the branch of science and healthcare concerned with hearing and balance function. It is an interdisciplinary specialty that assesses the nature and extent of hearing and balance problems, as well as determines a course of treatment leading to improved quality of life for individuals who have auditory or vestibular disorders.

The Bachelor of Science (BS) in Medical Audiology Sciences (MAS) requires three years of study post freshman, during which students participate in course, laboratory, clinical training, and research activities.

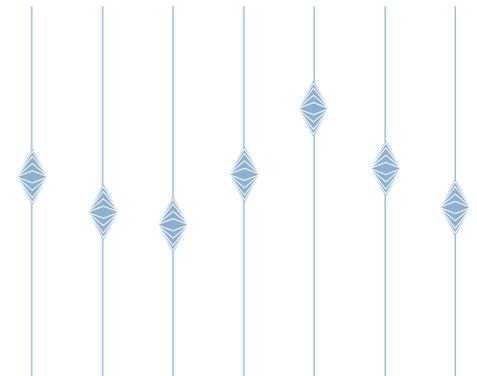
Year I of the MAS program includes basic science and elective courses. Years II and III are designed for in-depth theory and application in



sub-specialized areas such as: acoustics & amplification technologies, adult/pediatric assessment & management, vestibular/balance assessment, noise & environmental audiology, and counseling & rehabilitation.

Courses are designed to have clinical training at the American University of Beirut Medical Center (AUBMC). **Clinical training** is a vital component of study, allowing students to apply knowledge and skills learned in classroom and laboratory activities. **It is the first audiology program in Lebanon.** It is offered in coordination with the Department of Otolaryngology – Head and Neck Surgery at the Faculty of Medicine.

This program does not lead to Audiology licensure in New York State. For practice in the United States, a graduate-level degree in Audiology is required along with other state licensure requirements.



Medical Imaging Sciences

Medical imaging is a branch of science and healthcare that engages the use of imaging to both diagnose and treat disease processes visualized within the human body. Radiographers produce diagnostic images of internal structures of the body: from simple skeletal and chest radiography to sophisticated high-technology tests, such as Computed Tomography, Ultrasonography, Angiography, Nuclear Medicine and Magnetic Resonance Imaging.

The Bachelor of Science (BS) in Medical Imaging Sciences (MIS) is an interdisciplinary program offered jointly by the Faculties of Health Sciences (FHS) and Medicine (FM). It requires three years of study post freshman during which, students participate in coursework, clinical training, and research activities.

During the first year of study, students take basic science and elective courses. In the second and third year, **students learn in-depth theory and application of the following imaging modalities:** General Radiography, Mobile & Operating Room Radiography, Emergency Radiography, General Fluoroscopy, Digital Subtraction Angiography / Interventional Imaging,



Breast Imaging, Computed Tomography, Ultrasonography, Magnetic Resonance Imaging, Nuclear Medicine and Positron Emission Tomography.

Courses are designed to work in parallel with clinical training at the American University of Beirut Medical Center (AUBMC). **Clinical training** is a vital component of study, allowing students to apply knowledge and skills learned in classroom and laboratory activities. It is offered in coordination with the Department of Diagnostic Radiology at the Faculty of Medicine. Elective periods in related specialties such as radiation oncology may be possible.

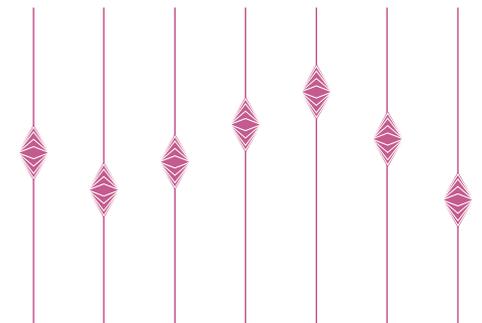
Medical Laboratory Sciences



Medical Laboratory Sciences (MLS) are central to the modern health care delivery system. Medical technologists perform laboratory tests and analyses that assist physicians in the diagnosis of diseases, in hospitals as well as private laboratories.

During the three-year MLS program, students acquire knowledge in basic and life sciences as well as state-of-the-art training in the performance of a broad array of medical laboratory tests. **Sub-specialization** covers the following fields: Bacteriology, Blood Banking, Clinical Chemistry, Cytogenetics, Hematology, Immunology, Molecular Biology, Parasitology, and Virology.

Year III of the program includes an **intensive program of rotation** through different sections of the laboratory at the American University of Beirut Medical Center (AUBMC). The MLS training program is offered in coordination with the Department of Pathology and Laboratory Medicine at the Faculty of Medicine.



FHS At a Glance

Established in 1954, the Faculty of Health Sciences (FHS) was the first school of public health in the Arab region. It engages in a rich array of relevant interdisciplinary research, community-based public health projects, and policy dialogues in Lebanon and the region.

FHS provides students with multiple opportunities for interaction with committed faculty members. Our professors take an interest in their students, follow their progress, and assist them in academic and professional matters alike.

Through its educational, research, and professional practice programs, FHS aims to prepare students of Lebanon and the region in the field of public health and health professions. For more information, visit our website: aub.edu.lb/fhs



Graduate Studies

Upon earning an undergraduate degree from FHS, students interested in pursuing their graduate studies can apply to one of the many majors on offer at the Faculty, part of the CEPH-accredited Graduate Public Health Program (GPHP). Visit our website for more information: aub.edu.lb/fhs.

Students interested in applying to the MD program at the Faculty of Medicine can follow a pre-medical track.

Work that Matters

With an FHS degree, you can actively contribute to making the world a better place. The workforce is in dire need of health professionals: be it in the public sector, non-governmental and international organizations, the private sector, hospitals, clinic and laboratories, medical and pharmaceutical companies, or academia.

Contact Us

The Faculty of Health Sciences is located in Van Dyck Hall in the upper AUB campus. We are here to welcome you and answer your queries in person.

For more information about FHS admissions, further graduate studies and financial aid, visit the Student Services Office (SSO), located in room 232 of Van Dyck Hall.

