

**Faculty of
Health Sciences
(FHS)**

Faculty of Health Sciences (FHS)

Officers of the Faculty

Fadlo R. Khuri	President of the University
Zaher Dawy	Provost
Abla Mehio Sibai	Dean
Monique Chaaya	Associate Dean
Bradley Jon Tucker	Registrar, ex-officio
Antoine Sabbagh	Director of Admissions, ex-officio
Fatima Charafeddine	Interim University Librarian, ex-officio

Faculty Administrative Support

Mona Katul	Executive Officer/HR Specialist
Amal Kassis	Student Services Manager
Daisy Nasr	Financial Officer
Gina Cordahi	Coordinator of Special Projects
Diala Badreddine	Accreditation Officer
Annie Tabakian	Project Manager (Communications)
Stephanie Dib	Graduate Officer
Maya Abou Khouzam	Events and Project Support Officer
Maia Sieverding	Director, Public Health Education Office

Faculty Academic Support

Suzanne El Khechen	Instructor (Assistant to Dean)
Nida' El Helou	Instructor (Practicum Coordination and Career Services)
Maya Abi Chahine	Instructor of Public Health Practice (University for Seniors)
Rima Afifi	Adjunct Faculty

Historical Background

The Faculty of Health Sciences (FHS) was established in 1954 as an independent School of Public Health, the first of its kind in the region. The name of the school was changed to the Faculty of Health Sciences in 1978 to accommodate programs in allied health.

FHS serves to educate and train professionals and competent leaders to help meet the health needs of Lebanon and the region. Currently, FHS hosts four departments: Epidemiology and Population Health (EPH), Environmental Health (EH), Health Promotion and Community Health (HPCH), and Health Management and Policy (HMP); and a Division of Health Professions hosting three programs in collaboration with the Faculty of Medicine: Medical Audiology Sciences¹, Medical Imaging Sciences and Medical Laboratory Sciences. FHS offers a BS degree in: Environmental Health, Medical Audiology Sciences¹, Medical Imaging Sciences and Medical Laboratory Sciences; a BA degree in Health Communication; an MS in Public Health (MPH) (concentrations in Epidemiology and Biostatistics, Health Promotion and Community Health, and Health Management and Policy); and an MS in Epidemiology. FHS also offers an MS in Environmental Sciences, major: Environmental Health (as part of an Interfaculty Graduate Environmental Sciences Program), an Executive Master in Health Care Leadership, and a PhD program in Epidemiology. In addition, FHS provides teaching of public health to students in the Faculty of Medicine.

Accreditation

In October 2006, the Public Health Program (PHP) of the Faculty of Health Sciences (FHS) became accredited by the Council on Education for Public Health (CEPH) and was reaccredited in 2012 for seven years term extending to 2019. In December 2019, the CEPH Board voted to renew the accreditation of the program for another seven-year term ending in 2026. The PHP includes the Master of Public Health, Master of Science in Epidemiology, Master of Science in Environmental Health, and the PhD in Epidemiology, as well as the newly launched Bachelor of Arts in Health Communication and most recently, in 2021, the Bachelor of Science in Environmental Health. CEPH is an independent agency in the United States, which is recognized to accredit schools and programs of public health. The PHP at FHS was the first graduate public health program to be accredited by CEPH outside the Americas and remains the only program in the Arab region. Accreditation indicates that the PHP of the FHS meets standards for Public Health Education of leading schools of public health in the world.

Mission

To improve the health of populations and advance the public health discipline and field of health professions in the region and beyond, through excellence in education, research, and community engagement.

Vision

The leading academic voice and driver for equity, justice, and better health in the Arab region and beyond.

¹) frozen

Undergraduate Programs

Admission Requirements

To be eligible for admission to the programs leading to the degree of Bachelor of Science, candidates must have satisfactorily completed the freshman program in the Faculty of Arts and Sciences or its equivalent with a minimum cumulative GPA of 2.3 and a minimum science GPA of 2.3.

Freshman students applying to Environmental Health must complete the following science requirements: CHEM 101, CHEM 101L, MATH 101. Freshman students applying to Medical Laboratory Sciences, must complete the following science requirements: CHEM 101, CHEM 101L, CHEM 102, CHEM 102L, MATH 101, MATH 102 and BIOL 101. Freshman students applying to Medical Imaging Sciences or Medical Audiology Sciences must complete the following science requirements: PHYS 103 and PHYS 103L, MATH 101, MATH 102 and BIOL 101.

Freshman students applying to Health Communication must attain a cumulative GPA of 2.3 in the Freshman year and a cumulative GPA of 2.3 in English courses taken in the Freshman year.

Courses taken before the student is admitted to any of the programs may be credited at the discretion of the appropriate department.

To be eligible for admission to advanced standing (second year) in science majors, a candidate must have completed the equivalent requirements for the first (or second) year of undergraduate study in the Faculty of Health Sciences in the respective major and have met the following criteria:

- a minimum cumulative GPA of 2.3
- and a minimum GPA of 2.3 in science courses.

To be eligible for admission to advanced standing (second year) in Health communication major, a candidate must have completed the equivalent requirements for the first (or second) year of undergraduate study in the major and have met the following criteria:

- a minimum cumulative GPA of 3.0.

A student who has completed a minimum of two terms of study as a sophomore or its equivalent is eligible for admission to the first year in the Faculty of Health Sciences in science majors if the following criteria are met:

- a minimum cumulative GPA of 2.3,
- a minimum GPA of 2.3 in science courses,
- and completion of a minimum of 6 credits in basic science.

A student who has completed a minimum of two terms of study as a sophomore or its equivalent is eligible for admission to the first year in the Health communication major if the following criteria are met:

- a minimum cumulative GPA of 3.0

Admission decisions are subject to availability of places in the desired program of study. Lebanese students must present the Lebanese Baccalaureate or its equivalent and should be considered eligible by the AUB Office of Admissions for admission to the first year in health sciences. These candidates are evaluated based on SAT I scores and school performance.

Candidates holding the Lebanese Baccalaureate Part II—literature and humanities—or its equivalent are required to take CHEM 101, 101L and MATH 101 as remedial courses if joining the Environmental Health or Medical Laboratory Sciences program, or MATH 101 if joining the Medical Imaging Sciences or Medical Audiology Sciences program. Candidates holding the Lebanese Baccalaureate Part II—sociology and economy—or its equivalent are required to take CHEM 101 and 101L as a remedial course if joining the Environmental Health or Medical Laboratory Sciences program.

For complete and detailed information regarding admission to AUB, including recognized certificates, see the Admissions section and Certificate and Class Chart on of this catalogue.

Graduation Requirements

All recommendations for graduation are made by vote of the faculty, upon the recommendation of the Undergraduate Curriculum and Undergraduate Student Academic Affairs and Student Affairs (UGCA-SA) Committee.

BS in Environmental Health: To be eligible for graduation with the degree of Bachelor of Science in Environmental Health, a student must:

- pass a minimum of 96 credit hours after freshman science class or its equivalent,
- achieve a total cumulative GPA of 2.3 and achieve **a cumulative GPA of 2.3 in the major field of study.**

BA in Health Communication: To be eligible for graduation with the degree of Bachelor of Arts in Health Communication, a student must:

- pass a minimum of 95 credit hours after freshman class or its equivalent,
- achieve a total cumulative GPA of 2.3 and achieve **a cumulative GPA of 2.3 in the major field of study.**

BS in Medical Audiology Sciences: To be eligible for graduation with the degree of Bachelor of Science in Medical Audiology Sciences, a student must:

- pass a minimum of 103 credit hours after freshman science class or its equivalent,
- obtain a minimum grade of C+ GPA 2.3 in each of ORLG 220, ORLG 230, ORLG 240 and ORLG 250,
- achieve a total cumulative GPA of 2.3,
- and achieve **a cumulative GPA of 2.3 in the major field of study.**

BS in Medical Imaging Sciences: To be eligible for graduation with the degree of Bachelor of Science in Medical Imaging Sciences, a student must:

- pass a minimum of 102 credit hours after freshman science class or its equivalent,
- achieve a total cumulative GPA of 2.3,
- and achieve **a cumulative GPA of 2.3 in the major field of study.**

BS in Medical Laboratory Sciences: To be eligible for graduation with the degree of Bachelor of Science in Medical Laboratory Sciences, a student must:

- pass a minimum of 103 credit hours after freshman science class or its equivalent,
- achieve a total cumulative GPA of 2.3,
- and achieve **a cumulative GPA of 2.3 in the major field of study (LABM and MLSP courses).**

Residency Requirements

Students of the Faculty of Health Sciences must meet the following minimum residency requirements.

Environmental Health Major: A student must register in residence at the Faculty of Health Sciences—Environmental Health major for the last three regular terms.

Medical Laboratory Sciences/Medical Audiology Sciences/Medical Imaging Sciences/ Health Communication Majors: A student must register in residence in the major of study for the last four regular terms.

Minors

The Faculty of Health Sciences offers three minors, which require the completion of a number of courses as specified in the list below.

Minor in Environmental Health

The minor in Environmental Health introduces students to the environmental system and the interactive processes that affect human health, environmental protection and development. The minor in Environmental Health requires 15 credits, including the following: HPCH 205, ENHL 220, plus a minimum of 9 credits selected from the following ENHL courses: ENHL 221, ENHL 227, ENHL 231, ENHL 234, ENHL 235, ENHL 238 and ENHL 239.

Minor in Public Health¹

The minor in Public Health introduces students to substantive issues and methodological approaches in public health. Students are given an overview of the field in HPCH 205 and an introduction to epidemiology and biostatistics in EPHD 203. For the remaining courses towards the minor, students can choose from the list of approved electives from across the disciplines of public health according to their interests. A minor in public health allows students to become more aware of the factors influencing health and hence more capable of making choices that influence their own health and that of their communities. In addition, a minor in public health expands students' career options by exposing them to an increasingly important and expanding profession.

Students will be required to take:

- HPCH 205 Introduction to Public Health (3 credits)
- EPHD 203 Epidemiology and Biostatistics (3 credits)

The remaining 9 credits may be fulfilled through any combination of the following FHS courses (all courses are 3 credits unless otherwise noted):

¹) The minor in Public Health is not open to students majoring in Health Communication.

Table 1: Elective courses for the Minor in Public Health

Department\Course	GE Societies and Individuals	GE Understanding our World	GE Quant Reasoning
Environmental Health			
ENHL 220: Fundamentals of Environmental Health Sciences		X	
ENHL 221: Management of Domestic and Hazardous Waste			
ENHL 234: Occupational Health			
Epidemiology and Population Health			
EPHD 213 (2 crs): Survey Methods			X
Health Management and Policy			
HMPD 204: Introduction to Health Services Administration	X		
Health Promotion and Community Health			
HPCH 200: Global Public Health	X		
HPCH 201: Health Awareness and Behavior	X		
HPCH 202 (2 crs): Sexuality & Public Health	X		
HPCH 210: Health Communication Theory			
HPCH 211: Research Methods			
HPCH 237: Theories & Practice of Health Promotion	X		
Public Health			
PBHL 210: COVID-19, Inequality and Well-Being	X		
HEHI 201: Foundations of Humanitarian Engineering and Public Health Innovations	X		

The list of eligible electives was selected to include courses that cover broad public health content and/or introductory content to a subfield of public health. The student will be expected to develop her/his plan for the minor according to the student's interests and in discussion with the academic advisor.

To graduate with a minor, a student must attain a cumulative GPA of 2.3 or more in courses taken to satisfy the requirements of that minor.

Minor In Humanitarian Engineering And Public Health Innovations

The Minor in Humanitarian Engineering and Public Health Innovations is offered jointly by the Faculty of Health Sciences and the Maroun Semaan Faculty of Engineering and Architecture.

HEHI 202	Capstone: Humanitarian Engineering and Public Health Innovations Capstone	3 crs.
HEHI 202 A		1 cr.
HEHI 202B		2 crs.

The capstone project course is an interdisciplinary service learning design course focused on development and humanitarian engineering solutions for health challenges. The capstone is divided into two sub-courses, HEHI 202A (1cr.) and HEHI 202B (2cr.), and must be registered in 2 consecutive semesters. In the capstone, students apply all tools learned in HEHI 201. Students work in multidisciplinary teams with disadvantaged communities, under joint supervision of at least two mentors from MSFEA, FHS, and other faculties. *Prerequisite: HEHI 201.*

Upon prior approval of the students' advisor and the coordinators of the Humanitarian Engineering Initiative, students who are required, as part of their degree requirement, to complete a capstone or final year project, can count that experience towards fulfilling the capstone requirement for the minor.

To graduate with the minor, a student must attain a cumulative GPA of 2.3 or more in courses taken to satisfy its requirements.

University minimum requirements for a minor are as follows:

- A minimum of 15 credit hours earned on the basis of regular graded courses (not tutorial or special project type courses) is required for a minor.
- At least 9 credit hours of coursework must be completed at AUB.
- No more than 9 credit hours taken in the major field of study may be used to satisfy a requirement for another minor.
- Minor courses may not be taken on a pass-fail basis at AUB.

Certificate Option

Students can opt for a certificate in Humanitarian Engineering and Public Health Innovations.

The "Humanitarian Engineering and Public Health Innovations" certificate requirements are:

- HEHI 201, "Foundations of Humanitarian Engineering and Public Health Innovations"
- HEHI 202, "Capstone: Humanitarian Engineering and Public Health Innovations Capstone"
- An internship approved by the Humanitarian Engineering Initiative of at least 8 weeks full-time

Students should declare the certificate before completing the requirements.

Upon prior approval of the students' advisor and the coordinators of the Humanitarian Engineering Initiative, students who are required, as part of their degree requirement, to complete an internship or practicum, can also count that experience towards fulfilling the internship requirement for the certificate.

General Education Requirements

Please refer to the General Education Requirements section in this catalogue (page 47).

Dual Degree

Students may, upon approval of the faculty concerned, complete the requirements for a second degree while registered in another faculty at AUB. In such a case, a student will be granted two degrees at the same time of graduation. If tuition differs, students will pay the higher of the tuitions. Please refer to the section on General University Academic Information (page 45) for more information.

Academic Rules and Regulations

Please refer to the section on General University Academic Information for information on attendance, classes and laboratories, examinations and quizzes, course loads, premedical requirements, incompletes, probation (placement on academic probation, removal of probation), dismissal and readmission, repeating courses, special students not working for a degree, tutorials and withdrawal from courses.

Full-time Students and Credit Load

A full-time student must carry a minimum load of 12 credits per term. If a student wishes or is forced to reduce her/his load to fewer than 12 credits, s/he must first apply to the UGCA-SA Committee for approval. This should be done no later than 10 weeks after the start of the term.

Students on probation for the first time are allowed a maximum load of 17 credits. Students who continue on probation beyond one term can register for a maximum of 13 credits per term.

Students can normally register for up to 18 credits per term and 9 credits during the summer term. Students who wish to register for more than 18 credits (or 9 credits in summer) must petition the appropriate faculty committee for permission to do so.

Policy on registration of courses during practical training:

At the Division of Health Professions, students are required to abide by the time allocated for the clinical training at AUBMC. Any student, registering for a course during that time, will be dropped automatically from the course.

Promotion

For class promotion, a student must complete a minimum number of credits per year as listed in the table below: ¹

UG Major	For Class Promotion from Year I to Year II	For Class Promotion from Year II to Year III
EH	30 credits	63 credits
MLS	31 credits	66 credits
MAS	33 credits	68 credits
MIS	34 credits	65 credits
HCOM	32 credits	66 credits

Majorless Status

Students who refrain from following the assigned course curriculum will automatically be given the status of majorless. Majorless students in the Environmental Health program are required to take ENHL 220. Majorless students are given two academic terms to transfer to the desired major. If by the end of the second term the student does not secure acceptance to the desired major, s/he is dropped from the faculty.

¹) Excluding credits for ENGL 102

Curriculum for Bachelor of Arts in Health Communication

Course Number	Course Title	Lecture Hrs./ Week	Lab Hrs./ Week	Credits Hrs.
Fall 1				
HPCH 210	Health Communication Theory	2	2	3
EPHD 203	Epidemiology & Biostatistics	2	2	3
HPCH 205	Introduction to Public Health	2	2	3
HPCH 211	Research Methods	2	2	3
ENGL 203	Academic English	3	0	3
Term Credit Total				15
Spring 1				
EPHD 213	Survey Methods	1	2	2
HPCH 203	Interpersonal Communication	3	0	3
HPCH 201	Health Awareness & Behavior	2	2	3
MCOM 202	Communication Theory	3	0	3
MCOM 228	Introduction to Digital media	3	0	3
ENGL 204	Advanced Academic English	3	0	3
Term Credit Total				17
Fall 2				
HPCH 237	Theories & Practice of Health Promotion	3	0	3
MCOM 215	Media Law and Ethics	1	2	3
ARAB 223	Arabic for the Media	3	0	3
	Societies and Individuals Elective I	3	0	3
HPCH 212	Design & Evaluation of Health Communication Activities	2	2	3
Term Credit Total				15

Spring 2				
HPCH 204	Social Marketing	2	2	3
HPCH 207	Risk Communication in Public Health Practice	1	2	2
	Cultures and Histories (History of Ideas) Elective I	3	0	3
	Culture and Histories Elective II	3	0	3
	Understanding The World Elective I	3	0	3
	Arabic Communication Elective	3	0	3
Term Credit Total				17
Summer				
HPCH 250	Practicum	–	–	2
Term Credit Total				2
Fall 3				
HPCH 200	Global Public Health	3	0	3
HPCH 208	Advocacy and Activism for Social Change	2	2	3
	Free Elective	1	2	2
MCOM 246	Digital and Multimedia News	3	0	3
MCOM 247	Trauma Journalism	3	0	3
Term Credit Total				14
Spring 3				
HPCH 215	Project Management Skills	1	2	2
	Understanding the World Elective	3	0	3
	Societies and Individuals Elective II	3	0	3
	Culture and Histories Elective II	3	0	3
HPCH 209	eHealth for Public Health	1	2	2
HPCH 251	Capstone Seminar	0	2	2
Term Credit Total				15
Total Credits				95

Curriculum for Bachelor of Science in Environmental Health

Course Number	Course Title	Lecture Hrs./ Week	Lab Hrs./ Week	Credits Hrs.
Fall 1				
BIOL 200	Diversity of Life	2	2	3
CHEM 208	Brief Survey of Organic Chemistry	2	2	3
CHEM 209	Introductory Organic Laboratory	2	2	3
ENGL 203	Academic English	2	2	3
ENHL 220	Fundamentals of Environmental Health Sciences	3	0	3
Term Credit Total				15
Spring 1				
ENHL 221	Management of Domestic and Hazardous Wastes	3	0	3
ARAB 2xx	Understanding Communication (Arabic)	3	0	3
ENGL 204	Advanced Academic English	3	0	3
ENHL 227	Environmental Microbiology	2	2	3
	Cultures and Histories – History of Ideas	3	0	3
Term Credit Total				15
Fall 2				
ENHL 231	Water and Wastewater Quality Control	3	0	3
ENHL 232	Instrumentation, Analytical Techniques and Sampling	3	1	3
ENHL 238	Indoor and Outdoor Air Pollution	3	0	3
EPHD 203	Epidemiology and Biostatistics	2	2	3
EPHD 203A	Biases in Epidemiology	1	0	1
	Cultures and Histories Elective	3	0	3
Term Credit Total				16

Spring 2				
ENHL 233	Quality Determination of Water and Wastewater	2	2	3
ENHL 234	Occupational Health	2	2	3
ENHL 235	Toxicology and Risk Analysis	3	0	3
ENHL 239 or NFSC 282	Food Safety	3	0	3
EPHD 213	Survey Methods	1	2	2
	Societies and Individuals Elective	3	-0	3
Term Credit Total				17
Fall 3				
ENHL 242	Environmental Management Tools and Applications	3	0	3
HMPD 204	Introduction to Health Services Administration	3	0	3
HPCH 237	Theories and Practices of Health Promotion	3	0	3
	Free Elective	3	-0	3
PHIL 209	Environmental Ethics	3	0	3
Term Credit Total				15
Winter 3				
ENHL 236	Practicum	-	-	3
Term Credit Total				3
Spring 3				
ENHL 243	Global Environmental Issues	3	0	3
	Free elective	3	0	3
	Free elective	3	0	3
ENHL 245	Environmental Economics	3	0	3
	Cultures and Histories Elective	3	0	3
Term Credit Total				15
Total Credits				96

Curriculum for Bachelor of Science in Medical Imaging Sciences

Course Number	Course Title	Lecture Hrs./ Week	Lab Hrs./ Week	Credits Hrs.
Fall 1				
MIMG 201	Introduction to MIS	2	0	2
ENGL 203	Academic English	3	0	3
ARAB 2XX	Understanding Communication (Arabic)	3	0	3
	Cultures and Histories (History of Ideas)	3	0	3
HUMR 246	Human Morphology	2	2	3
PSYC 201	Introduction to Psychological Sciences	3	0	3
Term Credit Total				17
Spring 1				
MIMG 206	Principle of Imaging I	3	0	3
MIMG 206L	Principle of Imaging I Laboratory	0	4	2
ENGL 204	Advanced Academic English	3	0	3
NURS 201	Introduction to Nursing Practice	1.2	3	2
PHYL 246	Physiology	4	0	4
PHYS 205	Modern Physics	3	0	3
Term Credit Total				17
Summer 1				
MIMG 202	Imaging Physics	3	0	3
DGRG 220	Clinical Practicum I	0	12	2
Term Credit Total				5
Fall 2				
MIMG 203	Medical Imaging Equipment I	3	0	3
MIMG 207	Principle of Imaging II	3	0	3
EPHD 203	Epidemiology & Biostatistics	2	2	3
	Cultures and Histories Elective	3	0	3
DGRG 230	Clinical Practicum II	0	12	4
Term Credit Total				16

Spring 2				
MIMG 204	Medical Imaging Equipment II	3	0	3
MIMG 205	Introduction to Principles of Diseases	3	0	3
MIMG 208	Sectional Anatomy	3	0	3
EPHD 213	Survey Methods	1	2	2
DGRG 240	Clinical Practicum III	0	8	2
Term Credit Total				13
Summer 2				
DGRG 250	Clinical Practicum IV	0	12	2
Term Credit Total				2
Fall 3				
MIMG 210A	Research Project I	3	0	0
HMPD 204	Introduction to Health Services Administration	3	0	3
PHIL 205	Bio Medical Ethics	3	0	3
	Societies and Individuals Elective	3	0	3
HPCH 203	Health Communication	3	0	3
DGRG 260	Clinical Practicum V	1	12	4
Term Credit Total				16
Spring 3				
MIMG 209	Quality Management & Image Analysis	3	0	3
MIMG 210B	Research Project II	3	0	3
	Cultures and Histories Elective	3	0	3
	Free Elective	3	0	3
DGRG 270	Clinical Practicum VI	0	12	4
Term Credit Total				16
Total Credits				102

Curriculum for Bachelor of Science in Medical Laboratory Sciences

Course Number	Course Title	Lecture Hrs./ Week	Lab Hrs./ Week	Credits Hrs.
Fall 1				
BIOL 201	General Biology I	3	3	4
CHEM 208	Brief Survey of Organic Chemistry	3	0	3
CHEM 209	Introduction Organic Laboratory	1	4	2
ENGL 203	Academic English	3	0	3
	Cultures and Histories (History of Ideas)	3	0	3
Term Credit Total				15
Spring 1				
ARAB 2xx	Understanding Communication Arabic	3	0	3
BIOC 255	Biochemistry for MLSP	3	0	3
ENGL 204	Advanced Academic English	3	0	3
PHYL 246	Physiology for Nursing Degree Students and Undergraduates	4	0	4
	Cultures and Histories Elective	3	0	3
Term Credit Total				16
Fall 2				
LABM 201	Clinical Chemistry I	2	0	2
MLSP 201	Clinical Hematology I	3	0	3
MLSP 203	General Microbiology	2	4	3
MLSP 207	Immunology and Blood Banking	2	0	2
MLSP 208	General and Diagnostic Virology	2	0	2
	Societies and Individuals Elective	3	0	3
	Cultures and Histories Elective	3	0	3
Term Credit Total				18

Spring 2				
LABM 202	Clinical Chemistry II	3	0	3
LABM 210	Cytology and Histological Techniques	2	0	2
MBIM 223	Parasitology for MLS students	2	2	4
MLSP 202	Clinical Hematology II	3	0	3
MLSP 204	Systematic Bacteriology	3	5	4
MLSP 259	Diagnostic Serology	1	0	1
Term Credit Total				17
Summer 2				
	Practical Training in Laboratory Medicine	-	-	4
Term Credit Total				4
Fall 3				
EPHD 203	Epidemiology and Biostatistics	2	2	3
HMPD 204	Introduction to Health Services Administration	3	0	3
LABM 233	Genetics and Molecular Biology	2	0	2
LABM 235	Medical Mycology	1	0	1
	Practical Training in Laboratory Medicine	-	-	8
Term Credit Total				17
Spring 3				
PHIL 205	Bio-Medical Ethics	3	0	3
HPCH 203	Health Communication	3	0	3
LABM 231	Clinical Laboratory Quality Systems	1	0	1
MLSP 211	Seminar	1	0	1
	Practical Training in Laboratory Medicine	-	-	8
Term Credit Total				16
Total Credits				103

Practical Training in Laboratory Medicine

A total period of 30 weeks to cover practical experience and application of theoretical knowledge in the following areas of laboratory medicine for the periods and credits indicated below:

		Duration	Credits
LABM 220	Clinical Chemistry and Endocrinology	6 weeks	4
LABM 230	Clinical Hematology and Reception	6 weeks	4
LABM 240	Clinical Microbiology	6 weeks	4
LABM 250	Clinical Parasitology and Urinalysis	3 weeks	2
LABM 260	Serology	3 weeks	2
LABM 270	Blood Banking	3 weeks	2
LABM 280	Cytogenetics, Molecular Diagnosis and Histotechniques	3 weeks	2

Interdisciplinary courses

PBHL 210 COVID-19, Inequality and Well-Being 3.0; 3

This course will introduce students to the COVID-19 pandemic as both a global and regional public health crisis, with a focus on prevention, mitigation and impact. Geographically, it would focus on low and middle-income countries across the Global South and with a particular emphasis on the Arab region. The course will offer an intersectional analysis of the structural inequalities exposed by COVID-19, both in terms of differential vulnerability to and consequences of the pandemic by gender, age, socio-economic class, ethnicity, race and immigrant/refugee status. Drawing on recent research by FHS and AUB faculty members, lectures will examine some of the historical, economic, epidemiological/health sector and social aspects of the pandemic and explore policy responses across various contexts. The course will additionally address the myriad gendered consequences of lockdown measures adopted to combat the pandemic, such as poor mental health outcomes, the rise in gender-based violence, disruptions to education and loss of income, among others. Focusing on Lebanon as a case study, the course will also analyze the impact of the concomitant public health and economic crises on the health sector, exploring the burden on fragile health systems as well as the diversion of already-precarious healthcare resources from “non-essential” services.