

**Program of Study For a Bachelor of Science in Medical Laboratory Sciences
AY 2021-22**

| | | Category | Course Number | Course Title | Crs. | |
|--|---------------------------|---------------------------|---------------|---|--------------------------------------|---|
| M A J O R C O U R S E S | Sciences | | MLSP 201 | Clinical Hematology I | 3 | |
| | | | MLSP 202 | Clinical Hematology II | 3 | |
| | | | MLSP 203 | General Microbiology | 3 | |
| | | | MLSP 204 | Systematic Bacteriology | 4 | |
| | | | MLSP 207 | Immunology and Blood Banking | 2 | |
| | | | MLSP 208 | General and Diagnostic Virology | 2 | |
| | | | MLSP 259 | Diagnostic Serology | 1 | |
| | | | LABM 201 | Clinical Chemistry I | 2 | |
| | | | LABM 202 | Clinical Chemistry II | 3 | |
| | | | LABM 210 | Cytology and Histological Techniques | 2 | |
| | | | LABM 231 | Clinical Laboratory Quality Systems | 1 | |
| | | | LABM 233 | Genetics and Molecular Biology | 2 | |
| | | | LABM 235 | Medical Mycology | 1 | |
| | | | MBIM 223 | Parasitology for MLS Students | 4 | |
| | | Seminar | | MLSP 211 | Seminar | 1 |
| | | Practical Training | | LABM 220 | Clinical Chemistry and Endocrinology | 4 |
| | | | LABM 230 | Clinical Hematology and Reception | 4 | |
| | | | LABM 240 | Clinical Microbiology | 4 | |
| | | | LABM 250 | Clinical Parasitology and Urinalysis | 2 | |
| | | | LABM 260 | Serology | 2 | |
| | | | LABM 270 | Blood Banking | 2 | |
| | | | LABM 280 | Cytogenetics, Molecular Diagnosis and Histotechniques | 2 | |
| N O N M A J O R C O U R S E S | Sciences | | BIOL 201 | General Biology I | 4 | |
| | | | CHEM 208 | Brief Survey of Organic Chemistry | 3 | |
| | | | CHEM 209 | Introductory Organic Laboratory | 2 | |
| | | | PHYL 246 | Physiology for Nursing Degree Students and UG | 4 | |
| | | | BIOC 255 | Biochemistry for MLSP (or its equivalent) | 3 | |
| | General Education* | Quantitative Thought | EPHD 203 | Epidemiology and Biostatistics | 3 | |
| | | Arabic course | ARAB | | 3 | |
| | | English | ENGL 203 | Academic English | 3 | |
| | | | ENGL 204 | Advanced Academic English | 3 | |
| | | Social Sciences 1 | HMPD 204 | Introduction to Health Services Administration | 3 | |
| | | Social Sciences 2 | HPCH 203 | Health Communication | 3 | |
| | | Social Sciences 3 | | | 3 | |
| | | Humanities 1 | PHIL 205 | Biomedical Ethics | 3 | |
| | | Humanities 2 | | | 3 | |
| Humanities 3 | | | 3 | | | |
| Humanities 4 | | | 3 | | | |

* Must be chosen from the updated list of the General Education requirements found on the Registrar's website.

N.B. Students who hold the Lebanese Baccalaureate or its equivalent (Literature and Humanities or Sociology and Economics) are required to take remedial courses.