



Master Programs

Master Program	Analytical Sciences
Master Type	M2 Professional
Teaching Language	Mixed - English & French
Place of Teaching (Campus)	Hadat
About the Program	<p>The MSc in Analytical Chemistry program provides advanced education and training in the principles and applications of analytical chemistry. Students will gain expertise in modern laboratory techniques, instrumentation, and data analysis methods used to identify and quantify chemical substances. The curriculum emphasizes critical thinking, research proficiency, and problem-solving skills, preparing graduates for careers in industries such as pharmaceuticals, environmental science, food and beverage, and forensics. The program also fosters professional development, ethical standards, and effective communication, equipping students for both independent and collaborative work in multidisciplinary teams.</p>
Program Learning Outcomes	<ol style="list-style-type: none">1. Demonstrate and apply advanced knowledge and techniques in analytical chemistry, including laboratory skills and instrumentation.2. Design, conduct, and report independent research, developing innovative solutions to complex analytical problems.3. Analyze and interpret complex data sets, and critically evaluate scientific literature and current research.4. Communicate technical information effectively and work both independently and collaboratively in multidisciplinary teams.5. Adhere to ethical, professional, and safety standards, demonstrating a commitment to continuous professional development and lifelong learning.
Fields of Work	1-Analytical Chemist; 2- Quality Control (QC) Analyst; 3- Quality Assurance (QA) Specialist; 4- Environmental Scientist; 5- Water Quality Analyst; 6- Food Chemist; 7- Petrochemical Analyst; 8- Forensic Scientist; 9- R&D Scientist; 10- Materials Analyst; 11- Clinical Research Scientist.
Admission Requirements	<p>GPA: Minimum GPA of 55/100 for students from Lebanese University Minimum GPA of 3.2 for students from outside Lebanese University</p> <p>Major: 1-Analytical Chemistry 2-Environmental Chemistry 3- Biochemistry 4- Any other equivalent degree</p>
Coordinator of Master Program	<p>Pr. Ismail Ibrahim Abbas <u>Contact information:</u> UL Email address: ismail.abbas@ul.edu.lb Alternative email: ismailabbas057@gmail.com Phone number (optional): +961- 3-601140</p>