



Master Programs

Master Program	Discrete Mathematic and Algebra
Master Type	<input type="checkbox"/> M1+ M2 Professional <input type="checkbox"/> M2 Professional <input checked="" type="checkbox"/> M2 Research
Teaching Language	<input checked="" type="checkbox"/> English <input type="checkbox"/> French <input type="checkbox"/> Mixed - English & French
Place of Teaching (Campus)	<input checked="" type="checkbox"/> Hadat <input type="checkbox"/> Fanar <input type="checkbox"/> Tripoli <input type="checkbox"/> Nabatieh
About the Program	<p>The area of mathematics that deals with discrete mathematical structures is called discrete mathematics. Specifically, one area of discrete mathematics that examines mathematical depictions of networks is called Graph Theory. Graph theory is a significant field of study within modern mathematics with many applications. Students enrolled in this master's program will gain advanced algebra and graph theory understanding. The student will be equipped with a rare combination of algebra and graph theory.</p>
Program Learning Outcomes	<ul style="list-style-type: none"> • The student will recognize some of the most important problems in graph theory and matrix theory. • The student will be able to discover the most important constructive proofs that addresses some open problems in the field of graph theory and matrix theory. • The student will be able to make research and build his\her own proofs.
Fields of Work	<p>Analytical abilities and graph theory techniques are crucial in today's world. In addition to teaching, you will find a graph theorist in key positions in: Computer Science and Networking, Operations Research, Data Science and Machine Learning, Social Networking, and telecommunication.</p>
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:</p> <p> <input type="checkbox"/> Chemistry <input type="checkbox"/> Biochemistry <input type="checkbox"/> Animal Biology <input type="checkbox"/> Plant Biology <input checked="" type="checkbox"/> Math <input type="checkbox"/> Computer Science <input type="checkbox"/> Electronics <input type="checkbox"/> Physics <input type="checkbox"/> Please add other accepted majors if applicable </p>
Coordinator of Master Program	<p>Maidoun Mortada</p> <p><u>Contact information:</u> UL Email address: maydoun.mortada@ul.edu.lb Alternative email: maidoun_88@hotmail.com </p>