



## Master Programs

Master Program	Fundamental and Applied Mathematics
Master Type	<input type="checkbox"/> M1+ M2 Professional <input type="checkbox"/> M2 Professional <input checked="" type="checkbox"/> M2 Research
Teaching Language	<input type="checkbox"/> English <input type="checkbox"/> French <input checked="" type="checkbox"/> Mixed - English & French
Place of Teaching (Campus)	<input type="checkbox"/> Hadat <input checked="" type="checkbox"/> Fanar <input type="checkbox"/> Tripoli <input type="checkbox"/> Nabatieh
About the Program	The master 2 Research “Fundamental and Applied Mathematics” is a one-year program that completes the first year of the master “M1” in Mathematics (or any equivalent diploma) according to the LMD system. This year consists of 60 ECTS divided equally over two semesters. The first one is focused on theoretical courses in algebra, geometry, analysis, and their applications, while the second one is dedicated to a research internship introducing scientific research principles in a field related to the program.
Program Learning Outcomes	<ul style="list-style-type: none"> <li>• Advanced mathematical knowledge: Graduates will demonstrate a deep understanding of advanced mathematical concepts, in areas such as algebra, analysis and geometry.</li> <li>• Problem solving and critical thinking: Graduates will be able to apply rigorous critical thinking and analytical skills to formulate and solve challenging mathematical problems.</li> <li>• Mathematical communication and teaching: Graduates will be able to communicate complex mathematical ideas clearly, both orally and in writing, to a variety of audiences, and will possess the skills to teach undergraduate mathematics students.</li> </ul>
Fields of Work	This master's program enables students passionate about mathematical research to pursue doctoral studies. It also equips those who prefer to start working with the tools and scientific maturity needed for success in various roles, such as high school teaching.
Admission Requirements	<p><b>GPA:</b> Minimum GPA of 55/100 for students from Lebanese University Minimum GPA of 3.2 for students from outside Lebanese University</p> <p><b>Major:</b></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</p>
Coordinator of Master Program	<p>Pr. Fida El Chami</p> <p><b>Contact information:</b>  UL Email address: <a href="mailto:fchami@ul.edu.lb">fchami@ul.edu.lb</a>  Alternative email: <a href="mailto:fida.chami@gmail.com">fida.chami@gmail.com</a>  Phone number (<i>optional</i>): +961- 3 – 593559</p>