



Master Programs (*Please do not exceed one page for all the information*)

Master Program	Physical-Chemistry, Materials and Catalysis/Chimie-Physique, Matériaux et Catalyse/ والتحفيز والمواد الفيزيائية الكيمياء
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 checked="" type="checkbox"/> Hadat <input type="checkbox"/> Fanar <input type="checkbox"/> Tripoli <input type="checkbox"/> Nabatieh
About the Program	The program of this master's degree largely deals with problems encountered in the fields of materials, surface and interface, pharmacy, cosmetics, paints and coatings as well as problems related to catalysis and processes. It also aims to understand and master the relationships existing between the structure, chemical composition and reactivity of solid surfaces on both fundamental and applied levels, and to the chemistry of materials and the development of new materials and applications.
Program Learning Outcomes	This master: <ul style="list-style-type: none"> • Prepares students to have a large competence in Physical Chemistry, Materials and Catalysis; • Prepares academic experts in research to continue their doctoral studies; • Participates to form specialists in the different fields of materials, nanomaterials, polymers, catalysts and the industrial and environmental applications of these materials.
Fields of Work	<ul style="list-style-type: none"> • In research to continue doctoral studies or to be research expert in research institutions. • Working as engineer or assistant-researcher in industries such as chemical engineering, cosmetics, adhesion, paints, polymers. • Expert in the domain of chemistry of materials.
Admission Requirements	GPA: Minimum GPA of 55/100 for students from Lebanese University Minimum GPA of 3.2 for students from outside Lebanese University Major: <input checked="" type="checkbox"/> Chemistry <input type="checkbox"/> Biochemistry <input type="checkbox"/> Animal Biology <input type="checkbox"/> Plant Biology <input type="checkbox"/> Math <input type="checkbox"/> Computer Science <input type="checkbox"/> Electronics <input type="checkbox"/> Physics <input checked="" type="checkbox"/> Please add other accepted majors if applicable
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