



Master Programs

Master Program	Marine Biology and Ecology (BEMA)
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	<p>This master's degree covers marine biology (Science of marine organisms) and marine ecology. It focuses on the ecosystem approach to marine resources and aims to train future scientists who understand the functioning and management of marine ecosystems using analysis, observation tools, modern technologies, and mathematical modeling.</p> <p>Holders of this diploma will be able to develop research or development activities that require an understanding of the mechanisms governing the functioning of marine systems subjected to natural and anthropogenic disturbances. In addition to their research abilities, graduates will be able to apply their knowledge in consulting and project support situations.</p> <p>The teaching method includes conferences and workshops for analyzing scientific articles. A practical internship of 5 to 6 months, conducted in the second semester, is compulsory. Obtaining the BEMA Master requires passing the internship defenses and all oral and written exams.</p>
Program Learning Outcomes	<ul style="list-style-type: none"> • Understand the biological and ecological processes of marine species • Understand the role of living organisms in the functioning of marine ecosystems • Be able to develop research or development activities • Know the management of marine ecosystems • Provide advisory and support services for projects
Fields of Work	<p>This Master2 Research program is a compulsory gateway for those aiming for a PHD in marine science. In addition, it prepares graduates for careers in public research organizations (such as CNRS), the ministries of the Environment, Agriculture and National Education as well as companies, NGOs and national and international agencies.</p>
Admission Requirements	<p>GPA:</p> <p>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 checked="" type="checkbox"/> Animal Biology <input checked="" 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"/> Ecology - Environmental Sciences </p>
Coordinator of Master Program	<p>Pr. ABOU-HAMDAN Hussein</p> <p>Contact information:</p> <p>UL Email address: husseinabouhamdan.1@ul.edu.lb Alternative email: ah.hussein@yahoo.fr Phone number (<i>optional</i>): +961 3 032827</p>