



Master Programs

Master Program	Advanced Artificial Intelligence and Generative Systems
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 type="checkbox"/> Hadat <input type="checkbox"/> Fanar <input type="checkbox"/> Tripoli <input checked="" type="checkbox"/> Nabatieh
About the Program	<p>Given the exponential growth in the importance of AI and generative systems across various sectors, this program aims to train a new generation of professionals and researchers capable of designing, developing, and implementing innovative solutions in this field.</p> <p>Within this framework, students will delve into the theoretical foundations of AI and generative systems while learning to apply this knowledge pragmatically. The program will emphasize the use of algorithms and techniques in machine learning and deep learning, natural language processing, generative models, computer vision, IoT, and other innovative approaches specific to AI and generative systems. Students will also develop skills in data management and analysis, essential for extracting relevant insights from the vast datasets generated by users and applications.</p>
Program Learning Outcomes	<ul style="list-style-type: none"> • Mastery of the fundamental concepts of AI and generative AI. • Proficiency in the use of deep learning techniques for the analysis of data of various types, including images, videos, text, and graphs. • Ability to apply natural language processing and generation techniques to a variety of tasks. • Skills in managing and analyzing massive datasets generated by users and applications. • Ability to ensure the explicability and interpretability of AI models. • Ability to design and undertake research projects in artificial intelligence.
Fields of Work	The holders of this master's degree can either enter the job market directly as artificial intelligence specialists or prepare for a PhD in artificial intelligence-related fields.
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: <input type="checkbox"/> Chemistry <input type="checkbox"/> Biochemistry <input type="checkbox"/> Animal Biology <input type="checkbox"/> Plant Biology <input type="checkbox"/> Math <input checked="" type="checkbox"/> Computer Science <input type="checkbox"/> Electronics <input type="checkbox"/> Physics </p>
Coordinator of Master Program	<p>Pr. Ali Choumane</p> <p><u>Contact information:</u> UL Email address: ali.choumane@ul.edu.lb Alternative email: ali.choumane@gmail.com Phone number (<i>optional</i>): +961- 81 – 911 310</p>