



Master Programs

Please do not exceed one page for all the information

Master Program	Cybersecurity
Master Type	<input type="checkbox"/> M1+ M2 Professional <input checked="" type="checkbox"/> M2 Professional <input 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 checked="" type="checkbox"/> Fanar <input type="checkbox"/> Tripoli <input type="checkbox"/> Nabatieh
About the Program	This master's program in Cybersecurity aims to equip students with advanced skills and knowledge to protect and defend applications, computer systems and networks from cyber threats. The curriculum typically covers a wide range of topics, including cybersecurity fundamentals, risk management, application and network security, cyber threat intelligence, legal and ethical aspects.
Program Learning Outcomes	<ol style="list-style-type: none"> 1. Cybersecurity Needs Analysis: Analyze and evaluate the cybersecurity needs of an organization to design effective security measures. 2. Risk Assessment: Conduct comprehensive cybersecurity risk assessments and develop strategies to mitigate potential threats. 3. Technical Proficiency: Demonstrate the technical knowledge and skills necessary to protect and defend computer systems and networks from cyberattacks, including configuring firewalls, IPS, VPNs, and applying cryptographic techniques. Understand and address the vulnerabilities and threats specific to wireless, mobile, and future networks such as IoT, and implement appropriate security measures, including secure programming practices and secure architectures. 4. Information Security Solutions: Design and formulate effective information security solutions tailored to business processes and systems. 5. Communication Skills: Communicate cybersecurity concepts and solutions effectively, both orally and in writing, to a variety of audiences. 6. Ethical and Legal Aspects: Understand and apply the ethical and legal aspects of cybersecurity in different contexts
Fields of Work	A master's degree in Cybersecurity opens up various career opportunities in several specialized fields, including Security Architect, Ethical Hacker, Cybersecurity Consultant, Cybersecurity Analyst, Forensic Computer Analyst, Security Software Developer, ...
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 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 <input type="checkbox"/> Please add other accepted majors if applicable
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