[Name of the Certificate]
"Cyber Informatics"

[Requirements for Acquiring a CI Program Certificate]

	Subject name	Minimum number of credits
Program Courses, Research Concept and Methodology Courses	Design and Implementation of System Software	At least 12 credits
	Multimedia Knowledge Base Design and Implementation	
	Information Security -Theory and Practice	
	Conceptual Framework (CI)	
	Advanced Research (CI)	
	Modern Web Platform Technologies	
	Human Computer Interaction Design	
	Environmental Information System Architecture	
	Cybersecurity Case Study	
	Software Security	
	Network Security	
	Cryptography and Data Security	
	DESIGN STRATEGY (SPATIAL INFORMATION SYSTEMS AND ARCHITECTURE	
	DESIGN STRATEGY(INTERACTION)	
	ARCHITECTURE FOR DIGITAL TRANSFORMATION	
	INTRODUCTION TO PROBABILISTIC COMPUTING	
	INCIDENT RESPONSE AND FORENSIC	
Project Courses, Master Research	< Academic Projects in which the leader is a faculty member of the CI Program. (1) > < Master Seminar in CI Program >	At least 8 credits
Master Thesis	Master Thesis1(1) Master Thesis2(1)	2 credits

[Project Courses Related to the Program]

Novel Computing: AI and Brain Science
Creation of Smart City
Software System
HCI Remixed
Internet Technology
Internet Civilization
Creating Shared Value in Practice
Mathematics for AI