CURRICULUM M.SC. CYBER SECURITY MANAGEMENT

DISTANCE LEARNING, 60 ECTS

Semester			Module	Course Code	Course	ECTS	Type of Exam
FT	PT I	PT II					
1. Semester	1. Semester	1. Semester	Cyber Security and Data Protection	DLMCSITSDP01	Cyber Security and Data Protection	5	Oral Assignment
			Cyber Risk Assessment and Management	DLMCSECRAM01_E	Cyber Risk Assessment and Management	5	Exam
			Corporate Governance of IT, Compliance, and Law	DLMIGCR01-01_E	Corporate Governance of IT, Compliance, and Law	5	Exam
	2. Semester	2. Semester	Theoretical Computer Science for IT Security	DLMCSETCSITS01	Theoretical Computer Science for IT Security	5	Exam
			Advanced Research Methods	DLMARM01	Advanced Research Methods	5	Written Assignment
			Cyber Systems and Network Forensics	DLMCSECSNF01_E	Cyber Systems and Network Forensics	5	Exam
2. Semester	3. Semester	3. Semester	Seminar: Standards and Frameworks	DLMIMSSF01_E	Seminar: Standards and Frameworks	5	Research Essay
			ELECTIVE A*		e.g. Continuous and Lifecycle Security	10	
		4.	Master Thesis		Master Thesis Thesis Defense	14 1	Master Thesis Presentation: Colloquium
Total 60 ECTS							

Elective A

IT Service and Architecture Management
Artificial Intelligence
Secure Software Development
Blockchain and Quantum Computing
Continuous and Lifecycle Security
Audit- and Security Testing
Advanced Cyber Security and Cryptography

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You can find more information about your degree program in the module handbook on our website.

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☑
You've already planned out exactly how your course schedule should look? Wonderful!
The IU International University of Applied Sciences offers you the flexibility to choose any module you like from any semester. You can work on a number of modules at the same time or one by one.

☑
At the beginning, choose modules that particularly interest you or that you can use directly in your job. This motivates you and gives you success right from the start.

☑
* Elective: Choose one module

FT: Full-Time, 12 months
PT I: Part-Time I, 18 months
PT II: Part-Time II, 24 months