CURRICULUM M.SC. BUSINESS INTELLIGENCE

DISTANCE LEARNING, 120 ECTS credits

Semester			Module	Course Code	Course	ECTS credits	Type of Exam
FT	PT I	PT II					
1. Semester	1. Semester	1. Semester	Business Intelligence I	DLMDSEBA01	Business Intelligence I	5	Case Study
			Concepts in Data Management	DLMDMCDM01	Concepts in Data 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	Relational and NoSQL Databases	DLMBIRND01	Relational and NoSQL Databases	5	Written Assignment
			Data Query Languages	DLMDMDQL01	Data Query Languages	5	Oral Assigment
			Project: Business Intelligence	DLMDSEBA02	Project: Business Intelligence	5	Portfolio
2. Semester	3. Semester	3. Semester	Seminar: Ethic & Societal Considerations in Data Management	DLMDMSESC01	Seminar: Ethic & Societal Considerations in Data Management	5	Research Essay
			Strategic Management	DLMBSME01	Strategic Management	5	Exam
			Data Warehousing Architecture Types	DLMBIDWAT01	Data Warehousing Architecture Types	5	Exam
		4. Semester	Extract, Transform and Load Technologies	DLMBIETLT01	Extract, Transform and Load Technologies	5	Case Study
			Advanced Research Methods	DLMARM01	Advanced Research Methods	5	Written Assignment
	4. Semester	5. Semester	Seminar: Data Warehouse Approaches and Methodologies	DLMBISDWAM01	Seminar: Data Warehouse Approaches and Methodologies	5	Research Essay
			Data Modeling and Reporting	DLMBIDMR01	Data Modeling and Reporting	5	Exam
3. Semester		6. Semester	Project: Data Modeling and Reporting	DLMBIPDMR01	Project: Data Modeling and Reporting	5	Project Report
	5. Semester		ELECTIVE A*		e.g. Big Data Engineering	10	
		7.	ELECTIVE B*		e.g. Data Miner	10	
4.	6.	8.	Master Thesis		Master Thesis Thesis Defense	27 3	Master Thesis Presentation: Colloquium
Total 120 ECTS credits							

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You've already planned out exactly how your course schedule should look? Wonderful! The IU 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.

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* Electives: Choose two modules, every elective module can only be chosen once.

FT: Full-Time, 24 months
PT I: Part-Time I, 36 months
PT II: Part-Time II, 48 months

Elective A	Elective B
Data Engineer	Data Engineer
Big Data Engineering	Big Data Engineering
Big Data	Big Data
Data Miner	Data Miner
Digital Marketing	Digital Marketing
Digital Business Models and Change	Digital Business Models and Change
Technical Project Lead	Technical Project Lead
Digital Business and Entrepeneurship	Digital Business and Entrepeneurship
	AI and Mastering AI Prompting

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