CURRICULUM M.SC. BUSINESS INTELLIGENCE

DISTANCE LEARNING, 120 ECTS

Semester FT	PT I	PT II	Module	Course Code	Course	ECTS	Type of Exam
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
	4. Semester		Advanced Research Methods	DLMARM01	Advanced Research Methods	5	Written Assignment
		5. Semester	Seminar: Data Warehouse Approaches and Methodologies	DLMBISDWAM01	Seminar: Data Warehouse Approaches and Methodologies	5	Research Essay
3. Semester			Data Modeling and Reporting	DLMBIDMR01	Data Modeling and Reporting	5	Exam
		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							

☑

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.

☑

* 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

Data Engineer
Big Data Engineering
Big Data
Data Miner
Digital Marketing
Digital Business Models and Change
Technical Project Lead
Digital Business and Entrepeneurship

Elective B

Data Engineer
Big Data Engineering
Big Data
Data Miner
Digital Marketing
Digital Business Models and Change
Technical Project Lead
Digital Business and Entrepeneurship

ⓘ

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