

Distance Learning

Semester			Module	Module Code	Credit Points	Type of Assessment
FT	PT I	PT II				
1. Semester (Level 7)	1. Semester	1. Semester	Concepts in Data Management	LIBFEXDLMDMCDM	15	Exam
			Relational and NoSQL Databases	LIBFWAWADLMBIRND	15	Written Assessment: Written Assignment
			Advanced Research Methods	LIBFWAWADLMARM-01	15	Written Assessment: Written Assignment
	2. Semester	2. Semester	Big Data Technologies	LIBFOARPDLMDSBDT	15	Oral Assignment + Reflection Paper
			Data Warehousing, Pipelines and Orchestration	LIBFWACSDLMDMDWPO	15	Written Assessment: Case Study
			Managing Data Projects	LIBFOARPDLMMDMP	15	Oral Assignment + Reflection Paper
2. Semester (Level 7)	3. Semester	3. Semester	Cyber Security and Data Protection	LIBFOARPDLMCSITSDP	15	Oral Assignment + Reflection Paper
			Seminar: Ethic & Societal Considerations in Data Management	LIBFWAREDLMDMSESC	15	Written Assessment: Research Essay
	3. Semester	4. Semester	Elective A		15	
		4. Semester	Master Thesis	LIBFMTMMTHE	45	Master Thesis
Total			180			



FT: Full-Time, 12 months
 PT I: Part-Time I, 16 months
 PT II: Part-Time II, 24 months



The sequence of the modules is to be strictly followed

Electives

Elective A

Internet of Things

Master Data Management

Leveraging Data Sources & Data Mining

Data Science

Data Engineering

Project: AI Excellence with Creative Prompting Techniques

Data Query Languages

Artificial Intelligence

Internship