

Business Informatics - full-time Master

No.	Course	ECTS	Total hours	Lectures	Classes	Lab.	Sem.	Pra.
SEMESTER I								
1.	Fundamentals of Business Informatics	3	15	15				
2.	Information Systems Modeling	5	30	15		15		
3.	Data warehouses	4	30	15		15		
4.	Enterprise Resource Planning Systems	5	30			30		
5.	ERP in Financial Accounting	5	30			30		
6.	Fundamentals of Requirements Engineering	2	15	15				
7.	SCRUM in Information Systems	3	30	15		15		
8.	Quantitative research methodologies	1	15			15		
9.	Elective Lecture	2	15	15				
ALL		30	210	90		120		
SEMESTER II								
1.	Design of Human Computer Interaction	5	30	15		15		
2.	Business Intelligence Systems	5	30			30		
3.	Data Analytics with ERP Solutions	5	30	15		15		
4.	Controlling and Asset Management in Enterprise Systems	5	30			30		
5.	Logistics Management in ERP	4	30			30		
6.	Enterprise architecture and Requirements Engineering	2	15	15				
7.	Elective Lecture	2	15	15				
8.	Master Seminar	2	30				30	
ALL		30	210	60		120	30	
SEMESTER III								
1.	Big Data Systems	4	30			30		
2.	Internet of Things	4	30			30		
3.	Innovations Management	2	15	15				
4.	Business Process Modelling with ARIS	3	15			15		
5.	Production Planning and Execution with ERP Solutions	4	30			30		
6.	IT Project Management	2	15			15		
7.	E-government and Smart Cities	2	15			15		
8.	Challenges of Business Informatics	2	15	15				
9.	Elective Lecture	2	15	15				
10.	Master Seminar	2	30				30	
11.	Professional practice	3	120					120
ALL		30	330	45		135	30	120

SEMESTER IV								
1.	Design Thinking for Business Informatics	3	15			15		
2.	Project Management with the Support of ERP Systems	5	30	15		15		
3.	Leadership in IT	3	15	15				
4.	Cloud Computing	3	15			15		
5.	Machine Learning	3	15			15		
6.	IT - Supported Human Resources Management	3	15			15		
7.	Legal Aspects of Business Informatics	3	15	15				
8.	AI-Enabled Innovative Business Models	3	15	15				
9.	Elective Lecture	2	15	15				
10.	Master Seminar	2	30				30	
ALL		30	180	75		75	30	
TOTAL		120	930	270		450	90	