

Master Program Digital Economy 2021 - Program Code

Academic Degree: Master of Science (WU), abbr. MSc (WU)

Minimum Duration of Studies: 4 semesters

120 ECTS

Strategic Aspects		Design Aspects		Implementation Aspects		Legal Aspects		Research and Development		
Digital Markets and Strategies (PI) 8 ECTS 4 Ch		Business Process Management (PI) 4 ECTS 2 Ch		Distributed Systems (PI) 4 ECTS 2 Ch		IT Law (PI) 4 ECTS 2 Ch		Business Project (PI) 12 ECTS 4 Ch		
Marketing and Innovation (PI) 4 ECTS 2 Ch		Value-based System Engineering (PI) 4 ECTS 2 Ch		Security and Privacy (PI) 4 ECTS 2 Ch				one of the following courses: Research Lab (FS) or Industry Lab (FS) 12 ECTS 4 Ch		
IT Governance, Risk and Control (PI) 4 ECTS 2 Ch		System Development and Operations (PI) 4 ECTS 2 Ch		Data Management and Analytics (PI) 4 ECTS 2 Ch						
Transformative Management (PI) 4 ECTS 2 Ch										Master's Thesis Seminar (FS) 4 ECTS 2 Ch
20 ECTS	10 Ch	12 ECTS	6 Ch	12 ECTS	6 Ch	4 ECTS	2 Ch	28 ECTS	10 Ch	
↓ The successful completion of at least 18 ECTS credits from the subjects "Strategic Aspects", "Design Aspects", "Implementation Aspects", and "Legal Aspects" is the prerequisite for admission to the specialization courses. ↓										
Specializations one of the following specializations must be selected:										
Information Systems			Digital Law and Economics			Digital Strategy, Marketing, and Transformation				
			Advanced Topics in IT Law (PI) 6 ECTS 2 Ch			2 courses for choice (each à 6 ECTS / 2Ch): - Advanced Topics in Strategy (PI) - Advanced Topics in Finance (PI) - Advanced Topics in Logistics (PI) - Advanced Topics in Marketing (PI) - Critical Thinking in Data Analytics (PI)				
↓ 2 of the following subjects (2 PIs à 6 ECTS/2Ch) must be selected: ↓			Economics of Digitalization (PI) 6 ECTS 2 Ch							
			↓ one of the following subjects (2 PIs à 6 ECTS/2Ch) must be selected: ↓							
Blockchain and Distributed Ledger Technology I + II			Business Process and Risk Management I + II			Data Science and Artificial Intelligence I + II				
Digital Ecosystems I + II			Digital Ethics and Sustainability I + II			Digital Network Analytics I + II				
24 ECTS		8 Ch		24 ECTS		8 Ch		24 ECTS		2 Ch
Master's Thesis										
									20 ECTS	