

COURSE IMPLEMENTATION SCHEDULE FOR THE MASTER'S PROGRAMME
Faculty of Electrical Engineering – Applied Computer Science

YEAR 1						
CORE COURSES						
USOS Code	Course Title	ECTS	AUTUMN	WINTER	SPRING	SUMMER
639A-NS-MEA-1ZI4101	Software Analysis and Design with UML	5				
639A-NS-MEA-1ZI4102	Advanced Databases	5				
639A-NS-MEA-1ZI4103	Ethical AI: From Principles to Practice	5				
639A-NS-MEA-1ZI4104	Business Process Modelling	5				
639A-NS-MEA-1ZI4105	Statistical Learning	5				
639A-NS-MEA-1ZI4106	Data Warehousing and Visualisation	5				
PHYSICS						
639A-NS-MEA-1ZI4116	Physics	5				
SOCIO-ECONOMIC COURSES						
639A-NS-MEA-1ZI4117	IT Project Management	5				
ON-CAMPUS CLASSES						
639A-NS-MEA-1ZI4118	Specialization Laboratory	6				
YEAR 2						
CORE COURSES						
USOS Code	Course Title	ECTS	AUTUMN	WINTER	SPRING	SUMMER
639A-NS-MEA-1ZI4107	Distributed Computing	5				
639A-NS-MEA-1ZI4110	Sustainable Software Engineering at Scale	5				
ELECTIVE COURSES (2 OUT OF 6)						
639A-NS-MEA-1ZI4112	Designing graphical user interfaces (UX)	5				
639A-NS-MEA-1ZI4109	Low-Code Software Development	5				
639A-NS-MEA-1ZI4108	Technical Aspects of Neural Networks in Business	5				
639A-NS-MEA-1ZI4113	Cybersecurity	5				
639A-NS-MEA-1ZI4114	LLM in Action	5				
639A-NS-MEA-1ZI4115	Startup Entrepreneurship	5				
DIPLOMA PROJECT						
USOS Code	Course Title	ECTS	AUTUMN	WINTER	SPRING	SUMMER
639A-NS-MEA-1ZI4121	Master of Science Thesis	20				
639A-NS-MEA-1ZI4120	Master Diploma Seminar	4				