

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 | | | | |