

# FACULTY OF INFORMATICS



PROGRAM OF STUDY:

**Master of Science in Artificial Intelligence**

DURATION / STUDY SYSTEM:

**2 ACADEMIC YEARS – FULL-TIME / 120 ECTS**

DEGREE TITLE:

**MASTER OF SCIENCE IN ARTIFICIAL INTELLIGENCE**

## First Academic Year

<i>Nr.</i>	<i>Courses</i>	<i>ECTS</i>
1	Introduction to AI	6
2	Programming for AI	6
3	Mathematics for AI	6
4	Machine Learning and Data Mining Techniques	6
5	Advanced Research Methods	6
6	Elective courses: 1.Computer Sciences Didactic 2.Project Management in Computer Sciences 3.Software Engineering	6
7	Big Data Analytics and Cloud Computing	6
8	AI Studio	6
9	Data Science	6
10	AI Ethic in Society	6

### Second Academic Year

<i>Nr.</i>	<i>Courses</i>	<i>ECTS</i>
1	Natural Language Processing (NLP)	6
2	Computer Vision	6
3	Deep Learning	6
4	Cybersecurity	6
5	AI in industry	6
6	Internship	12
7	Thesis / Project	18

Total study program: 120 ECTS