

Semester 1

Course Code	Course Name	Language	Theoretical	Practical	Local Credits	ECTS Credits
70612MEE0Z-AIN0390	Current Topics in Artificial Intelligence	English	3	0	3	6
	Area Elective Course I	English	3	0	3	6
	Area Elective Course II	English	3	0	3	6
	Free Elective Course I	English	3	0	3	6
	Competency Development Elective Course	English	3	0	3	6
Number of Credits					15	30

Semester 2

Course Code	Course Name	Language	Theoretical	Practical	Local Credits	ECTS Credits
	Area Elective Course V	English	3	0	3	6
	Area Elective Course III	English	3	0	3	6
	Area Elective Course IV	English	3	0	3	6
	Free Elective Course II	English	3	0	3	6
	Competency Development Elective Course	English	3	0	3	6
Number of Credits					15	30

Semester 3

Course Code	Course Name	Language	Theoretical	Practical	Local Credits	ECTS Credits
70610DPE0Z-AIN0400	Computer Engineering Master's Project	English	0	0	0	30
Number of Credits					0	30

Elective Courses

Course Code	Course Name	Theoretical	Practical	Local Credits	ECTS Credits
70619-MEE0S-AIN0055	Logic Programming and Expert Systems	3	0	3	6
70619-MEE0S-AIN0065	artificial Intelligence Algorithms	3	0	3	6
70612-MEE0S-AIN0072	Data Mining	3	0	3	6
70612-MEE0S-AIN0082	Data Science and Data Analytics	3	0	3	6
70612-MEE0S-AIN0102	Foundations of Artificial Intelligence	3	0	3	6
70612-MEE0S-AIN0112	Applications of Artificial Intelligence	3	0	3	6
70619-MEE0S-AIN0122	Natural language Processing	3	0	3	6
70619-MEE0S-AIN0132	Machine Learning	3	0	3	6
70619-MEE0S-AIN0142	Artificial Neural Networks	3	0	3	6
70619-MEE0S-AIN0152	Internet of Things	3	0	3	6
70619-MEE0S-AIN0162	Pattern Recognition	3	0	3	6
70619-MEE0S-AIN0172	Image Processing	3	0	3	6
70619-MEE0S-AIN0182	Robotics and Intelligent Systems	3	0	3	6
70619-MEE0S-AIN0210	Automation and Production	3	0	3	6
70619-MEE0S-AIN0215	Technologies	3	0	3	6
70619-MEE0S-AIN0220	Artificial Intelligence in Health Field	3	0	3	6
70619-MEE0S-AIN0225	Autonomous Systems	3	0	3	6
70619-MEE0S-AIN0230	Intelligent Cities	3	0	3	6
70619-MEE0S-AIN0235	Artificial Intelligence and Arts	3	0	3	6
70619-MEE0S-AIN0240	Artificial Intelligence Ethics and Law	3	0	3	6
70613MEE0S-AIN0360	Data Science with R	3	0	3	6
70619MEE0S-AIN0371	Artificial Intelligence for Big Data	3	0	3	6
70610-MEE0S-AIN0381	Special Topics in Artificial Intelligence I	3	0	3	6
70610-MEE0S-AIN0382	Special Topics in Artificial Intelligence II	3	0	3	6

ARTIFICIAL INTELLIGENCE MASTER'S PROGRAM WITH THESIS

1. Semester

Course Code	Course Name	Language	Theoretical	Practical	Local Credits	ECTS Credits
70612MEE0Z-AIN0390	Current Topics in Artificial Intelligence	English	3	0	3	6
	Area Elective Course I	English	3	0	3	6
	Area Elective Course II	English	3	0	3	6
	Area Elective Course III	English	3	0	3	6
	Free Elective Course I	English	3	0	3	6
Number of Credits					15	30

2. Semester

Course Code	Course Name	Language	Theoretical	Practical	Local Credits	ECTS Credits
70610MEE0Z-AIN0490	Artificial Intelligence Master's Seminar	English	0	0	0	18
	Area Elective Course IV	English	3	0	3	6
	Free Elective Course II	English	3	0	3	6
Number of Credits					6	30

3. Semester

Course Code	Course Name	Language	Theoretical	Practical	Local Credits	ECTS Credits
70610YTE0Z-AIN0501	Artificial Intelligence Master's Thesis	English	0	0	0	30
Number of Credits					0	30

4. Semester

Course Code	Course Name	Language	Theoretical	Practical	Local Credits	ECTS Credits
70610YTE0Z-AIN0502	Artificial Intelligence Master's Thesis	English	0	0	0	30
Number of Credits					0	30

Elective Courses

Course Code	Course Name	Theoretical	Practical	Local Credits	ECTS Credits
70619-MEE0S-AIN0055	Logic Programming and Expert Systems	3	0	3	6
70619-MEE0S-AIN0065	Artificial Intelligence Algorithms	3	0	3	6
70612-MEE0S-AIN0072	Data Mining	3	0	3	6
70612-MEE0S-AIN0082	Data Science and Data Analytics	3	0	3	6
70612-MEE0S-AIN0102	Foundations of Artificial Intelligence	3	0	3	6
70612-MEE0S-AIN0112	Applications of Artificial Intelligence	3	0	3	6
70619-MEE0S-AIN0122	Natural language Processing	3	0	3	6
70619-MEE0S-AIN0132	Machine Learning	3	0	3	6
70619-MEE0S-AIN0142	Artificial Neural Networks	3	0	3	6
70619-MEE0S-AIN0152	Internet of Things	3	0	3	6
70619-MEE0S-AIN0162	Pattern Recognition	3	0	3	6
70619-MEE0S-AIN0172	Image Processing	3	0	3	6
70619-MEE0S-AIN0182	Robotics and Intelligent Systems	3	0	3	6
70619-MEE0S-AIN0210	Artificial Intelligence in Industrial Automation and Production	3	0	3	6
70619-MEE0S-AIN0215	Artificial Intelligence in Financial Technologies	3	0	3	6
70619-MEE0S-AIN0220	Artificial Intelligence in Health Field	3	0	3	6
70619-MEE0S-AIN0225	Autonomous Systems	3	0	3	6
70619-MEE0S-AIN0230	Intelligent Cities	3	0	3	6
70619-MEE0S-AIN0235	Artificial Intelligence and Arts	3	0	3	6
70619-MEE0S-AIN0240	Artificial Intelligence Ethics and Law	3	0	3	6
70613MEE0S-AIN0360	Data Science with R	3	0	3	6
70619MEE0S-AIN0371	Artificial Intelligence for Big Data	3	0	3	6
70610-MEE0S-AIN0381	Special Topics in Artificial Intelligence I	3	0	3	6
70610-MEE0S-AIN0382	Special Topics in Artificial Intelligence II	3	0	3	6