

Automation and Industrial Electronic Engineering Degree

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Automation and Industrial Control Methods	7	Environmental Engineering	3
Applications of Industrial Electronics	6	Chemistry	6
		Technical Office and Project Management	6
		Materials Science and Technology	6
		Strength of Materials	6
		Power Electronics and Control of Electrical Drives	9
		Advanced Robotics	6
TOTAL ECTS	13		42

Engineering in Renewable Energies and Energy Efficiency

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Automation and Industrial Control Methods	7	Environmental Engineering	3
Industrial Manufacturing Systems	3	Chemistry	6
		Materials Science and Technology	6
		Technical Office and Project Management	6
		Strength of Materials	6
		Power Electronics and Control of Electrical Drives	9
		Smart Buildings	6
TOTAL ECTS	10		42

Mechanical Engineering Degree

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Automation and Industrial Control Methods	7	Environmental Engineering	3
Elasticity	6	Chemistry	6
Industrial Manufacturing Systems	3	Materials Science and Technology	6
Advanced Manufacturing Methods	6	Strength of Materials	6
Eco-Product design and carbon footprint	6	Technical Office and Project Management	6
Mechanical Design and virtual reality	6	Computer aided engineering or CAE	6
TOTAL ECTS	34		33

Engineering in Industrial Organization Degree

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Automation and Industrial Control Methods	7	Environmental Engineering	3
Manufacturing Methods	7	Chemistry	6
Professional Ethics	3	Materials Science and Technology	6
Quantitative Methods in Management	6	Technical Office and Project Management	6
Industrial Organization Engineering Projects	6	Operations Research	9
Supply Chain Management	6	Statistical Control of Products and Processes	6
Advanced Manufacturing Methods	6	Quality, Security and Environmental Management	6
TOTAL ECTS	41		39

Automotive Engineering Degree

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Automation and Industrial Control Methods	7	Environmental Engineering	3
Elasticity	6	Chemistry	6
Industrial Manufacturing Systems	3	Materials Science and Technology	6
Advanced Manufacturing Methods	6	Strength of Materials	6
Eco-Product design and carbon footprint	6	Technical Office and Project Management	6
Mechanical Design and virtual reality	6	Computer aided engineering or CAE	5
Supply Chain Management	6		
TOTAL ECTS	40		32

1st year

2nd year

3rd year

4th year