

Automation and Industrial Electronic Engineering Degree

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Environmental Engineering	3	Chemistry	6
Automation and Industrial Control Methods	7	Technical Office and Project Management	6
Theory of Machines and mechanisms	7	Materials Science and Technology	6
Applications of Industrial Electronics	6	Strength of Materials	6
		Power Electronics and Control of Electrical Drives	9
		Advanced Robotics	6
TOTAL ECTS	23		39

Engineering in Renewable Energies and Energy Efficiency

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Environmental Engineering	3	Chemistry	6
Automation and Industrial Control Methods	7	Materials Science and Technology	6
Theory of Machines and mechanisms	7	Technical Office and Project Management	6
Applications of Industrial Electronics	6	Strength of Materials	6
		Power Electronics and Control of Electrical Drives	9
		Smart Buildings	6
TOTAL ECTS	23		39

Mechanical Engineering Degree

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Environmental Engineering	3	Chemistry	6
Automation and Industrial Control Methods	7	Materials Science and Technology	6
Theory of Machines and mechanisms	7	Strength of Materials	6
Elasticity	6	Technical Office and Project Management	6
Industrial Manufacturing Systems	3	Computer aided engineering or CAE	6
Advanced Manufacturing Methods	6		
Eco-Product design and carbon footprint	6		
Mechanical Design and virtual reality	6		
TOTAL ECTS	44		30

Engineering in Industrial Organization Degree

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Environmental Engineering	3	Chemistry	6
Automation and Industrial Control Methods	7	Materials Science and Technology	6
Manufacturing Methods	7	Technical Office and Project Management	6
Professional Ethics	3	Operations Research	9
Quantitative Methods in Management	6	Statistical Control of Products and Processes	6
Industrial Organization Engineering Projects	6	Quality, Security and Environmental Management	6
Supply Chain Management	6		
TOTAL ECTS	38		33

Automotive Engineering Degree

Fall semester		Spring semester	
Subject	ECTS	Subject	ECTS
Environmental Engineering	3	Chemistry	6
Automation and Industrial Control Methods	7	Materials Science and Technology	6
Theory of Machines and mechanisms	7	Strength of Materials	6
Elasticity	6	Technical Office and Project Management	6
Industrial Manufacturing Systems	3	Computer aided engineering or CAE	6
Advanced Manufacturing Methods	6		
Eco-Product design and carbon footprint	6		
Mechanical Design and virtual reality	6		
Supply Chain Management	6		
Competition Engineering and Data Analysis	6		
TOTAL ECTS	56		30

1st year

2nd year

3rd year

4th year

