

Winter semester 2023/2024

2ND DEGREE Managing Enterprise of the Future

Semester 2:

Courses	Exam	Lec	Ex	Lab	Proj	ECTS
Contemporary Concepts of Management		30			15	4
Process Management		15			15	4
E-business Marketing	E	15	15			4
Psychology of Management		15	15			2
Ethics of Management	E	15	15			2
Physical Exercises			15			0
Specialization module 2		60			60	10
Management in Industry 4.0						
a. Production Management in Industry 4.0		15			15	3
b. Management of Information Systems in Industry 4.0		15			15	2
c. Human Capital Management in Industry 4.0		15			15	3
d. Supportive Processes Management in Industry 4.0		15			15	2
Foreign Language (business language)			30			2
Elective 2 Business Models / Risk Management in Agile Enterprise		15	15			2
						30

1ST DEGREE Engineering Management

Semester 1:

Courses	Exam	Lec	Ex	Lab	Proj	ECTS
Mathematics		30	15			4
Basics of Management	E	30	30			5
Microeconomics	E	45	15			5
Advanced functions of MS Office				30		3
Computer-aided Engineering Drawing		15	15			4
Introduction to Engineering	E	30	15			5
Organizational behavior		30				3
Foreign Language			30			1
Physical Exercises			30			0

A Short Course for Library Users		1			0
A Short Course in Occupational Safety	4				0
					30

Semester 3:

Courses	Exam	Lec	Ex	Lab	Proj	ECTS
Financial Accounting		30	15			4
Marketing	E	30	15			5
Computer programming 2		30		45		5
Ergonomics	E	30		30		5
Computer-aided design		30	15			4
Strength of Materials		30	15	15		4
Foreign Language	E		45			3
						30

Semester 5:

Courses	Exam	Lec	Ex	Lab	Proj	ECTS
Production Management		30	15		15	5
Descriptive and elements of applied statistics		15	30			4
Quality Management		15	15		15	4
Machine Technology and Design of Production Processes 2		15		15	15	4
Marketing Research	E	30	30			4
Financing of enterprise	E	15	30			4
Telecommunication		15		15		2
Ethics		30				2
Theoretical basics of quality		15				1
						30

Semester 7:

Courses	Exam	Lec	Ex	Lab	Proj	ECTS
Design of Production Systems	E	15			15	3
Economics of Sustainable Development		15	15			3
Marketing in Commerce and Services		15	15			3
						9

2ND DEGREE Logistic Systems

Semester 2:

