

# Engineering Management 2021-2022

## WINTER SEMESTER

### Bachelor Degree - Full Time Studies

#### Semester 1:

	Course	Exam	Lec	Ex	Lab	Proj	Sem	ECTS
1	Mathematics		30	15				4
2	Basics of Management	E	30	30				5
3	Microeconomics	E	45	15				5
4	Advanced functions of MS Office				30			3
5	Computer-aided Engineering Drawing		15	15				4
6	Introduction to Engineering	E	30	15				5
7	Organizational behavior		30					3

#### Semester 3:

	Course	Exam	Lec	Ex	Lab	Proj	Sem	ECTS
1	Financial Accounting		30	15				4
2	Marketing	E	30	15				5
3	Computer programming 2		30		45			5
4	Ergonomics	E	30		30			5
5	Computer-aided design		30	15				4
6	Strength of Materials		30	15	15			4

#### Semester 5:

No.	Module	Exam	Lec	Classes	Lab	Proj	ECTS
1	Financing of Enterprise	E	15	30			4
2	Marketing Research	E	30	30			4
3	Quality Management		15	15		15	4
4	Machine Technology and Design of Production Processes 2		15		15	15	4
5	Ethics		30				2
6	Production Management		30	15		15	5
7	Telecommunication		15		15		2

#### Semester 7:

No.	Module	Exam	Lec	Classes	Lab	Proj	ECTS
1	Design of Production Systems	E	15			15	2
2	Marketing in Commerce and Services		15	15			4

### Engineering Management - Specialization: Managing Enterprise of the Future

#### Master Degree - Full Time Studies

#### Semester 2

Lp.	Course	Exam	Lec	Classes	Lab	Proj	S	ECTS
1	Contemporary Concepts of Management		30			15		4
2	Process Management		15			15		4
3	E-business Marketing	E	15	15				4
4	Psychology of Management		15	15				2
5	Ethics of Management	E	15	15				2
6	Specialization module 2 Management in Industry 4.0		60			60		10
	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
7	Foreign Language (business language)			30				2
8	Elective 2 Business Models/ Risk Management in Agile Enterprise		15	15				2