



TECHNICAL UNIVERSITY OF SOFIA

CONFIRMED

Rector:

/Prof. Dr. Eng. Ivan Kralov/

Educational and qualification degree:	Master's degree
Qualification:	Master of Industrial Management
Period:	2,5 years
Form of education:	Regular form of education

CURRICULUM

of the specialty

“Industrial Management” (in German)

Professional field:

5.13 General engineering

for graduates with a bachelor's degree
in specialties from professional fields

3.7. Administration and management, 3.8. Economy, 5.1. Mechanical engineering, 5.2. Electrical engineering, electronics and automation, 5.3. Communication and computer equipment, 5.4. Energy, 5.5. Transport, shipping and aviation, 5.9. Metallurgy, 5.10. Chemical technologies, 5.11. Biotechnologies, 5.12. Food technologies and 5.13. General Engineering, 4.1. Physical Sciences and 9. Security and Defence

in German

I. CURRICULUM - Master's degree program in "Industrial Management" (in German)

Code of disciplines according to ECTS T MINDMg №

- T – type of educational and qualification degree: M – "Master";

- MBAg – “Master of Business Administration” (in German);

- № – sequence number of the course;

Lectures (L), Tutorials (T), Laboratory Work (Lab.), Exam (E), Continuous Assessment (CA), Semester Project (SP), Semester Assignment (coursework) (SA)

№	ECTS code	SUBJECT	Semester						Assessment				ECTS credits
			L	T	Lab.	Auditorium Total	Self-Study	Total	E	CA	SP	SA	
First semester													
1	MINDMg01	Introduction to Economics	30	30	0	60	120	180	1				6
2	MINDMg02	Finance	30	30	0	60	120	180	1				6
3	MINDMg03	Basics of law	30	30	0	60	120	180	1				6
4	MINDMg04	Marketing	30	30	0	60	120	180	1				6
5	MINDMg05	Microeconomics and Macroeconomics	30	30	0	60	120	180		1			6
Total:			150	150	0	300	600	900	4	1	0	0	30
Second semester													
6	MINDMg06	Management of the industrial enterprise	30	30	0	60	120	180	1				6
7	MINDMg07	Accounting and controlling	30	30	0	60	120	180	1				6
8	MINDMg08	Optional discipline (List 1)	30	30	0	60	120	180		1			6
9	MINDMg09	Organization and leadership	30	30	0	60	120	180	1				6
10	MINDMg10	Marketing management	30	30	0	60	120	180	1				6
Total:			150	150	0	300	600	900	4	1	0	0	30

Third semester													
11	MINDMg11	Research project - Management of interfaces and technologies	30	20	0	50	130	180			1	6	
12	MINDMg12	Innovations	30	20	0	50	100	150	1			5	
13	MINDMg13	Ergonomics and occupational safety	30	0	0	30	90	120	1		1	4	
14	MINDMg14	Organizational management and leadership	30	20	0	50	100	150		1		5	
15	MINDMg15	Quality management and decision support	30	20	0	50	100	150	1		1	5	
Total:			150	80	0	230	520	750	3	1	1	2	25
Fourth semester													
16	MINDMg16	Research Project - Management Seminar	30	20	0	50	130	180		1	1	6	
17	MINDMg17	Production management	30	20	0	50	100	150	1			5	
18	MINDMg18	Supply chain management	30	20	0	50	100	150		1		5	
19	MINDMg19	E-services	30	20	0	50	70	120	1			4	
20	MINDMg20	E-business	30	20	0	50	100	150	1			5	
Total:			150	100	0	250	500	750	3	2	1	0	25
Fifth semester													
21	MINDMg21	Master Thesis					900	900	Master Thesis Defence			30	
Total:							900	900				30	

II. BASIC PARAMETERS OF THE CURRICULUM

1. Period –	2,5 years	5 semesters
2. Auditorium		
2.1. Total –		1080 hours
2.2. Lectures –		600 hours
2.3. Tutorials –		480 hours
2.4. Lab. –		0 hours
3. Self-Study –		3120 hours
4. Total –		4200 hours
5. Subjects		
5.1. Mandatory –		19
5.2. Optional –		1
5.4. Facultative –		1
5.5. Foreign language –		0
5.6. Sport –		0
5.7. Semester Project –		2
5.8. Practical works –		
6. Control		
6.1. Exams –		14
6.2. Continuous Assessment –		5
6.3. Semester Project –		2
6.4. Semester Assignment (coursework) –		2
7. Practical training		weeks
8. Total number of credits by ECTS:		140

Date: 30.6.2022

Dean FDIBA :
/Prof. Dr. Vasil Galabov/

Updated by FC	FDIBA	30.6.2022	Protocol № 6
Accepted by FC	FDIBA	17.9.2020	Protocol № 4
Approved by the AC of TU-Sofia on		30.02.2020	Protocol № 8

LIST OF OPTIONAL SUBJECTS

List 1 Optional subjects		ECTS =6
1	Intercultural business communication	MINDMg08.01
2	Marketing of industrial goods	MINDMg08.02
3	Change Management	MINDMg08.03

LIST OF FACULTATIVE SUBJECTS

№	Code	SUBJECT	Semester						Assessment				ECTS credits
			L	T	Lab.	Auditorium Total	Self-Study	Total	E	CA	SP	SA	
1	FaMINDMg01	Entrepreneurship	30	30	0	60	120	180		1			6
2	FaMINDMg02	Projects and contracts	30	30	0	60	120	180		1			6
3	FaMINDMg03	Processes and digital change	30	30	0	60	120	180		1			6
4	FaMINDMg04	Business language (German and English)	30	30	0	60	120	180		1			6

Note: The content of the lists of elective and optional subjects are subject to updating before the start of the academic year by decision of the Faculty Council.

Date: 30.6.2022

Dean of FDIBA

/Prof. Dr. Vasil Galabov /

Updated by FC FDIBA

30.6.2022

Protocol № 6