

**TECHNICAL UNIVERSITY OF GABROVO  
FACULTY OF ECONOMICS**

Endorsed with Academic Council resolution  
Record № 6/12.03.2019



## CURRICULUM

Master degree course: **INDUSTRIAL MANAGEMENT – INNOVATION AND BUSINESS EXPANSION (IN ENGLISH)**

Higher education area: **TECHNICAL SCIENCES /code 5/**

Professional trend: **GENERAL ENGINEERING /code 5.13/**

Professional qualification: **MASTER IN INDUSTRIAL MANAGEMENT - INNOVATION AND BUSINESS EXPANSION**

Form of training: **FULL-TIME**

Duration of training: **2 /TWO/ SEMESTERS**

№	Subject Taught	Form of assessment		Course work	Workload in number of academic hours				Weekly distribution (L+SC+LC)	Type of subject	ECTS Credits
		E	CA		Lectures (L)	Sem. Classes (SC)	Lab. Classes (LC)	Total			
1	2	3	4	5	6	7	8	9	10	11	12
<b>First semester</b>											
1	Project management	E			30	30	0	60	2+2+0	CS	5/2,4
2	Marketing research and analysis	E		CW	30	30	0	60	2+2+0	CS	5/2,4
3.1	Automation of the engineering labor										
3.2	Optimization of objects in machine building	E			30	0	15	45	2+0+1	CS	5/1,8
4.1	Logistics										
4.2	Planning and forecasting		CA	CW	30	15	0	45	2+1+0	ES	4/1,8
4.3	Process Cost Calculation and Target Costing										
5.1	National and International accounting	E			30	15	0	45	2+1+0	ES	4/1,8
5.2	Annual financial statement										
6.1	Information systems in management	E			30	0	30	60	2+0+2	ES	5/2,4
6.2	Engineering databases										

1	2	3	4	5	6	7	8	9	10	11	12
7	Developing and implementing innovative solutions - project		CA							CS	2/0
	<i>Business English</i> <i>Business Bulgarian</i>		(CA)		(0)	(45)	(0)	(45)	(0+3+0)	(OS)	(5/1,8)
	<b>Total 1<sup>st</sup> semester</b>	<b>5E</b>	<b>2CA</b>	<b>2CW</b>	<b>180</b>	<b>90</b>	<b>45</b>	<b>315</b>	<b>12+6+3=21</b>		<b>30/12,6</b>
	<b>Second semester</b>										
8	International Management	E			24	12	0	36	2+1+0	CS	3/1,4
9	Risk management	E		CW	24	12	0	36	2+1+0	CS	3/1,4
10	Business expansion	E		CW	30	15	0	45	2+1+0	CS	4/1,8
11	Innovation management	E			24	12	0	36	2+1+0	CS	3/1,4
	<i>Intercultural Competence</i>	(E)			(30)	(15)	(0)	(45)	(2+1+0)	OS	(4/1,8)
12	Pre-graduation apprenticeship	E						(60)		CS	2/0
	Master Thesis									CS	15/0
	<b>Total 2<sup>nd</sup> semester</b>	<b>5E</b>		<b>2CW</b>	<b>102</b>	<b>51</b>	<b>0</b>	<b>153</b>	<b>8+4+0=12</b>		<b>30/6,0</b>
	<b>Total for the degree course</b>	<b>10E</b>	<b>2CA</b>	<b>4CW</b>	<b>282</b>	<b>141</b>	<b>45</b>	<b>468</b>			<b>60/18,6</b>

**ABBREVIATIONS USED:**

CS - Compulsory subject  
 ES - Elective subject  
 OS - Optional subjects  
 CW - Course work  
 E – exam  
 CA – Current assessment  
 L - Lectures  
 SC - Seminar Classes  
 LC - Laboratory Classes

SUBJECTS		WORKLOAD		ECTS credits
TYPE	NUMBER	HOURS	%	NUMBER
CS	7	273	58,33	25
ES	4	195	41,67	18
OS	(2)	(90)		(9)
Practice	1	(60)		2
Master thesis				15
<b>TOTAL</b>	<b>12</b>	<b>468</b>	<b>100</b>	<b>60</b>

The curriculum is endorsed with Department Council resolution, Department of Management, Record № 1/28.01.2019 and Faculty Council resolution, Faculty of Economics, Record № 1/29.01.2019.

Department Chair:.....  
 /Assoc. Prof. A. Nikolova/

Dean:.....  
 /Assoc. Prof. M. Koleva/