

## PROGRAMME OF STUDIES

## 1. Description

<i>Number of semesters:4</i>	<i>Number ECTS points necessary to obtain qualifications:120</i>
<p><i>Prerequisites (particularly for second-level studies):</i></p> <p><b>Graduate at least of first-level studies (bachelor program).</b></p> <p><i>According to internal ordinance no 32/2012 from 30<sup>th</sup> April 2012r.</i></p> <p><a href="http://rekrutacja.pwr.edu.pl/content/strona/PL/AKTY/rekrutacja20132014.html">http://rekrutacja.pwr.edu.pl/content/strona/PL/AKTY/rekrutacja20132014.html</a></p>	<p><i>Upon completion of studies graduate obtains</i></p> <p><i>professional degree of: Master of Science (magister)</i></p> <p><i>2nd level qualifications</i></p>
<p><i>Possibility of continuing studies: third-level studies, doctoral studies.</i></p>	<p><i>Graduate profile, employability:</i></p> <p>A masters graduate possesses advanced specialist knowledge in the field of management sciences in the following areas: analytical models and methods, integrated information systems and, in particular, contemporary concepts and methods in managing, planning and monitoring the results of the activities of an enterprise, together with the functioning, development and strategic renewal of organizations. A masters graduate is characterized by the ability to think abstractly and a critical approach to theory, which enables him/her to identify, describe, analyze and interpret the complex processes and problems of a firm and its surroundings. He/she is in possession of the ability to integrate knowledge from various disciplines (economics, psychology, law) and apply computer and mathematical tools to carry out a full diagnosis of a problem and create innovative solutions in the workplace.</p> <p>Such masters graduates are qualified to work as an independent entrepreneur, manager, specialist or consultant due to their advanced</p>

	<p>ability to identify, formulate and solve problems within the framework of a complex and uncertain environment, as well as to select the appropriate methods and tools for analysis.</p> <p>Graduates are qualified to carry out the role of managing employees taking into account professional standards, as well as ethical norms and socially accepted traits. He/she is a specialist in the field of managing material and non-material resources. He/she is able to apply, in accordance with needs, instruments and the theory of directing and maintaining appropriate behavior and attitudes in individuals, teams and the organization as a whole. He/she is able to carry out complex decisions and actions, as well as function in changing conditions and uncertainty. He/she understands the role of a leader and the need for effective communication, negotiation and conflict resolution and make use of the wide range of instruments known from psychology and business sociology.</p> <p>The specialist knowledge and abilities gained during undergraduate studies, added to the specialist skills gained in the field of management decision making and behavior, qualify a graduate to play a role in middle and upper management in a medium-sized enterprise appropriate to his/her technical speciality. A graduate is also qualified to take the role of a department manager appropriate to his/her speciality in various types of enterprise.</p>
<p><i>Indicate connection with University's mission and its development strategy:</i></p> <p>Courses in Management are carried out within the Faculty of Computer</p>	

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<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

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<sup>7</sup> Optional – enter W, obligatory – enter Ob

Science and Management at Wrocław University of Technology. Although, such a subject lies in the field of social science, it lies directly within the mission and development strategy of a technical university.

The educational program in Management is coherent with the mission of Wrocław University of Technology in the following areas:

- Developing creative, critical and tolerant graduates, as studying a course in management develops these traits;
- Aiming to provide high quality courses and providing the students of Management and lecturers of the Institute of Organization and Management with conditions enabling open discussion and constructive criticism;
- Developing the values and tradition of higher education, wide-ranging cooperation with other universities via students taking part in the Erasmus program and with employers via practical learning, carried out in the form of projects in specific organizations;
- Aiming to make an impact on the national and international scene in the area of educating specialists in the field of management.

The development plan of the department is in line with the strategy of the university as a whole. In particular, the department "...connects theoretical, research and specialist abilities with educational and teaching skills. The department is a leading research and teaching center in Poland and an important center on the international scene. Its teaching and research profile,

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together with the quality of the courses and research carried out in economics and technical science, ensures it an appropriately high position in national and international rankings”. Teaching courses in management is one of the long standing elements in the department's development strategy. In accordance with the decisions made at Wrocław University of Technology, our courses in management have an interdisciplinary nature. The program satisfies all the conditions stipulated in current legislation and is also in accordance with the National Educational Plan in the field of social science. In line with the university's strategy, in order to increase the attractiveness of our courses on the educational market, our programs in management have a unique character, since they make use of the natural - in business practice - complementarity of technical science and economics, enriched with the element of computer science. In accordance with the university's strategy and the department's development plan, which indicates the need for interaction with the region and its economy, the institute has created a framework which ensures that students have systematic contact with enterprises and other institutions during their studies.

In line with the university's development strategy, the quality of our courses is being improved in all aspects. This is achieved through the development of our lecturers' research and teaching skills, as well as systematic refurbishment of the department's infrastructure, including modernization of lecture theaters, audio-visual equipment and computer laboratories.

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<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

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<sup>7</sup> Optional – enter W, obligatory – enter Ob

The program of masters studies in management develops the theoretical knowledge and practical skills of students, enabling graduates to be highly competitiveness on the employment market. Graduates are able to undertake doctoral studies and carry out their own research. They also are conscious of the need for constant self-development in cooperation with their alma mater.	
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## 2. Fields of science and scientific disciplines to which educational effects apply:

Area of Knowledge / Education: **SOCIAL SCIENCES**

Area of science: **ECONOMIC SCIENCES**

Scientific disciplines: **MANAGEMENT SCIENCE, FINANCE**

## 3. Concise analysis of consistency between assumed educational effects and labour market needs

The educational goals of our masters studies satisfy the following needs of employers on the job market:

- The need for employees to understand the functioning of an enterprise from a strategical perspective and, in particular, to assess and improve a firm's competitive and value (medium-sized and large enterprises);
- The ability to work independently, as well as to play various roles in a team including diagnosing problems, designing and implementing solutions in various functional areas of an enterprise - as appropriate to the graduate's speciality (medium-sized and large enterprises);
- Seeing the need for innovative methods and techniques for management and computer tools, as well as designing or choosing and implementing them;
- The ability to learn and share knowledge with others, as well as creativeness and openness to innovations.

The specific goals of this program answer the need for specialists/managers in production and/or logistics departments, as well as task/project groups involved in the planning and/or realization of production processes (as appropriate to the speciality of the graduate) in medium-sized and large enterprises. He/she is qualified to integrate both technical and managerial skills to solve complex practical and managerial problems, in particular to make decisions.

The masters level course programs in management, together with the long standing experience of the teaching staff, create the conditions for students to achieve the set goals and to meet the demands of employers.

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## 4. List of education modules:

### 4.1. List of obligatory modules:

#### 4.1.1 List of general education modules

##### 4.1.1.1 Liberal-managerial subjects module (min. .... ECTS points):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

##### 4.1.1.2 Foreign languages module (min. ....3..... ECTS points):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>
1	JZL	Foreign language B2+		1				K2_ZARZ_U16 K2_ZARZ_U15 K2_ZARZ_U20 K2_ZARZ_U19 K2_ZARZ_U21	15	30	1	0,5	T	Z	O	P	KO	W
2	JZL	Foreign language A1 or A2		3				K2_ZARZ_U20 K2_ZARZ_U19 K2_ZARZ_U21	45	60	2	2,0	T	Z	O	P	KO	W
		Total	0	4	0	0	0		60	90	3	2,5						

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**4.1.1.3 Sporting classes module (min. .... ECTS points):**

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

**4.1.1.4 Information technologies module (min. .... ECTS points):**

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

**Altogether for general education modules**

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Number of ECTS points for BK classes <sup>1</sup>
lec	cl	lab	pr	sem				

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<sup>4</sup>University-wide course /group of courses – enter O

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0	4	0	0	0	60	90	3	2,5
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## 4.1.2 List of basic sciences modules

### 4.1.2.1 Mathematics module

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
1	MAZ1138W	Operations Research	1					K2_ZARZ_W13	15	120	4	0,5	T	E				PD	Ob
2	MAZ1138L	Operations Research			2			K2_ZARZ_U10 K2_ZARZ_U18 K2_ZARZ_K01 K2_ZARZ_K08	30	90	3	1,0	T	Z		P		PD	Ob
3	MAZ1117W	Statistics and ekonometrics	2					K2_ZARZ_W13	30	120	4	1,0	T	Z				PD	Ob
4	MAZ1117L	Statistics and ekonometrics			1			K2_ZARZ_U14 K2_ZARZ_U12	15	90	3	0,5	T	Z		P		PD	Ob
Total			3	0	3	0	0		90	420	14	3,0							

### 4.1.2.2 Physics module

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
Total																			

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### 4.1.2.3 Chemistry module

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

other.....

### Altogether for basic sciences modules:

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Number of ECTS points for BK classes <sup>1</sup>
lec	cl	lab	pr	sem				
3	0	3	0	0	90	420	14	3,0

## 4.1.3 List of main-field-of-study modules

### 4.1.3.1 Obligatory main-field-of-study modules

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>

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1	EKZ1153W	MANAGEMENT ECONOMICS	2				S2_ZDM_W08 S2_ZDM_W01	30	60	2	1,0	T	Z			K	Ob
2	EKZ1153C	MANAGEMENT ECONOMICS		2			S2_ZDM_U01 S2_ZDM_U03	30	60	2	1,0	T	Z		P	K	Ob
3	ZMZ1159W	Management concepts	2				K2_ZARZ_W04 K2_ZARZ_W08	30	120	4	1,0	T	E			K	Ob
4	ZMZ1159P	Management concepts				1	K2_ZARZ_U04 K2_ZARZ_U16 K2_ZARZ_U17 K2_ZARZ_U06 K2_ZARZ_U18 K2_ZARZ_K09 K2_ZARZ_K01 K2_ZARZ_K02 K2_ZARZ_K06	15	60	2	0,5	T	Z		P	K	Ob
5	ZMZ1549W	Controlling	1				K2_ZARZ_W06 K2_ZARZ_W07	15	30	1	0,5	T	Z			K	Ob
6	ZMZ1549P	Controlling				1	K2_ZARZ_U02 K2_ZARZ_U06 K2_ZARZ_U08	15	30	1	0,5	T	Z		P	K	Ob
7	IEZ1192W	Business simulation	1				K2_ZARZ_W13	15	60	2	0,5	T	Z			K	Ob
8	IEZ1192L	Business simulation				1	K2_ZARZ_U11 K2_ZARZ_U12 K2_ZARZ_K06	15	60	2	0,5	T	Z		P	K	Ob
9	ZMZ1544W	Fundamentals of Management and Marketing	2				S2_ZDM_W03 S2_ZDM_W02 S2_ZDM_W04 S2_ZDM_W05 S2_ZDM_W10	30	150	5	1,0	T	E			K	Ob
10	ZMZ1544C	Fundamentals of Management and Marketing		2			S2_ZDM_U02 S2_ZDM_U05 S2_ZDM_U03 S2_ZDM_U07 S2_ZDM_U09	30	60	2	1,0	T	Z		P	K	Ob
11	ZMZ1544S	Fundamentals of Management and Marketing				1	S2_ZDM_U02 S2_ZDM_U05 S2_ZDM_U03 S2_ZDM_U07 S2_ZDM_U09	15	30	1	0,5	T	Z		P	K	Ob
12	PRZ1144W	Commercial law	1				S2_ZDM_W02	15	30	1	0,5	T	Z			K	Ob
13	PRZ1144C	Commercial law		1			S2_ZDM_U09 S2_ZDM_U01	15	30	1	0,5	T	Z		P	K	Ob
14	PSZ1153W	Psychology of decision	1				K2_ZARZ_W11 K2_ZARZ_W12	15	30	1	0,5	T	Z			K	Ob
15	PSZ1153S	Psychology of decision				1	K2_ZARZ_U05 K2_ZARZ_U18 K2_ZARZ_K03 K2_ZARZ_K04 K2_ZARZ_K02 K2_ZARZ_K06 K2_ZARZ_K09 K2_ZARZ_K08	15	30	1	0,5	T	Z		P	K	Ob
16	FBZ1124W	Managerial Accounting	1				K2_ZARZ_W06 K2_ZARZ_W07	15	30	1	0,5	T	Z			K	Ob
17	FBZ1124C	Managerial Accounting		1			K2_ZARZ_U02 K2_ZARZ_U14 K2_ZARZ_U18 K2_ZARZ_U03 K2_ZARZ_U08	15	60	2	0,5	T	Z		P	K	Ob
18	ZMZ1548W	Project Management	2				S2_ZDM_W12	30	120	4	1,0	T	E			K	Ob

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19	ZMZ1548C	Project Management		1				S2_ZDM_U11 S2_ZDM_U10 S2_ZDM_U08 S2_ZDM_U06 S2_ZDM_U04	15	60	2	0,5	T	Z		P	K	Ob
20	ZMZ1163W	Strategic Management	2					K2_ZARZ_W03	30	120	4	1,0	T	E			K	Ob
21	ZMZ1163P	Strategic Management				1		K2_ZARZ_U02 K2_ZARZ_U18 K2_ZARZ_U03 K2_ZARZ_U06 K2_ZARZ_U09 K2_ZARZ_K02 K2_ZARZ_K01	15	60	2	0,5	T	Z		P	K	Ob
22	FBZ1125W	Value Based Management	1					K2_ZARZ_W07	15	30	1	0,5	T	Z			K	Ob
23	FBZ1125P	Value Based Management				1		K2_ZARZ_U08	15	30	1	0,5	T	Z		P	K	Ob
24	IEZ1193W	Integrated Management Information Systems	2					K2_ZARZ_W14	30	60	2	1,0	T	Z			K	Ob
25	IEZ1193L	Integrated Management Information Systems			1			K2_ZARZ_U13	15	60	2	0,5	T	Z		P	K	Ob
Total			18	7	2	4	2		495	1470	49	16,5						

#### 4.1.3.2 ..... module

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol GK)	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
Total																			

#### Altogether (for main-field-of-study modules):

Total number of hours	Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Number of ECTS points for BK classes <sup>1</sup>
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lec	cl	lab	pr	sem				
18	7	2	4	2	495	1470	49	16,5

## 4.2 List of optional modules

### 4.2.1 List of general education modules

#### 4.2.1.1 Liberal-managerial subjects modules (*min. .... ECTS points*):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

#### 4.2.1.2 Foreign languages module (*min. .... ECTS points*):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup> KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup> Optional – enter W, obligatory – enter Ob

**4.2.1.3 Sporting classes module (min. .... ECTS points):**

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol GK)	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

**4.2.1.4 Information technologies module (min. .... ECTS points):**

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol GK)	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

**Altogether for general education modules:**

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Number of ECTS points for BK classes <sup>1</sup>
lec	cl	lab	pr	sem				

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course / group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup> KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup> Optional – enter W, obligatory – enter Ob

## 4.2.2 List of basic sciences modules

### 4.2.2.1 Mathematics module (min. .... ECTS points):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

### 4.2.2.2 Physics module (min. .... ECTS points):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	
		Total																	

### 4.2.2.3 Chemistry module (min. .... ECTS points):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>	

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup> KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup> Optional – enter W, obligatory – enter Ob

		Total																		

**Altogether for basic sciences modules:**

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Number of ECTS points for BK classes <sup>1</sup>
lec	cl	lab	pr	sem				

**4.2.3 List of main-field-of-study modules**

**4.2.3.1 ..... module (min. .... ECTS points):**

No.	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses					
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>		
		Total																		

**Altogether for main-field-of-study modules:**

Total number of hours					Total number of	Total number of CNPS	Total number of ECTS	Number of ECTS points for BK

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup> KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup> Optional – enter W, obligatory – enter Ob

					ZZU hours	hours	points	classes <sup>1</sup>
lec	cl	lab	pr	sem				

## 4.2.4 List of specialization modules

### 4.2.4.1 Specialization subjects (e.g. whole specialization) modules (min. .50... ECTS points):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>
1	ZMZ1161P	Master thesis I				2		S2_ZDM_U08 S2_ZDM_U03	30	180	6	0,0	T	Z		P	S	Ob
2	ZMZ1550D	Master thesis II				2		S2_ZDM_U06 S2_ZDM_U08 S2_ZDM_U03	30	420	14	0,0	T	Z		P	S	Ob
3	ZMZ1551W	Entrepreneurship & Innovation	1					S2_ZDM_W03	15	30	1	0,5	T	Z			S	Ob
4	ZMZ1551S	Entrepreneurship & Innovation					1	S2_ZDM_U08 S2_ZDM_U04 S2_ZDM_U01 S2_ZDM_U07	15	30	1	0,5	T	Z		P	S	Ob
5	PSZ1154W	Psychology of decision	1					S2_ZDM_W11 S2_ZDM_W13	15	30	1	0,5	T	Z			S	Ob
6	PSZ1154S	Psychology of decision					1	S2_ZDM_U11 S2_ZDM_U10	15	30	1	0,5	T	Z		P	S	Ob
7	FBZ1182W	Introduction to accounting and corporate finance	2					S2_ZDM_W09 S2_ZDM_W08	30	120	4	1,0	T	E			S	Ob
8	FBZ1182C	Introduction to accounting and corporate finance		2				S2_ZDM_U03 S2_ZDM_U09 S2_ZDM_U01 S2_ZDM_U08 S2_ZDM_U06 S2_ZDM_U02 S2_ZDM_U05	30	90	3	1,0	T	Z		P	S	Ob
9	ZMZ1157S	Diploma seminar I					1	K2_ZARZ_U04 K2_ZARZ_U18 K2_ZARZ_K01 K2_ZARZ_K08 K2_ZARZ_U16	15	30	1	0,5	T	Z		P	S	Ob
10	ZMZ1162S	Diploma seminar II					1	K2_ZARZ_U18 K2_ZARZ_K01 K2_ZARZ_K08 K2_ZARZ_U15 K2_ZARZ_U16 K2_ZARZ_U17 K2_ZARZ_U04 K2_ZARZ_U03 K2_ZARZ_U06 K2_ZARZ_U05	15	60	2	0,5	T	Z		P	S	Ob

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup>KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup>Optional – enter W, obligatory – enter Ob



11	ZMZ1165L	Management Training			2			S2_ZDM_W11 S2_ZDM_W09 S2_ZDM_U03 S2_ZDM_U10	30	60	2	1,0	T	Z		P	S	Ob
12	ZMZ1547W	Managerial Behavior and Decisions	1					S2_ZDM_W11 S2_ZDM_W04 S2_ZDM_W09 S2_ZDM_W03	15	90	3	0,5	T	E			S	Ob
13	ZMZ1547S	Managerial Behavior and Decisions				1		S2_ZDM_U11 S2_ZDM_U08 S2_ZDM_U02 S2_ZDM_U09 S2_ZDM_U07	15	30	1	0,5	T	Z		P	S	Ob
14	ZMZ1552W	Quality management	1					S2_ZDM_W07	15	30	1	0,5	T	Z			S	Ob
15	ZMZ1552P	Quality management				1		S2_ZDM_U08 S2_ZDM_U09	15	30	1	0,5	T	Z		P	S	Ob
16	ZMZ1545W	Logistics Management in Enterprise	2					S2_ZDM_W06	30	60	2	1,0	T	Z			S	Ob
17	ZMZ1545L	Logistics Management in Enterprise			1			S2_ZDM_U03 S2_ZDM_U08 S2_ZDM_U06 S2_ZDM_U02 S2_ZDM_U05 S2_ZDM_U09	15	60	2	0,5	T	Z		P	S	Ob
18	ZMZ1546W	Personnel management	2					S2_ZDM_W13	30	60	2	1,0	T	Z			S	Ob
19	ZMZ1546P	Personnel management				1		S2_ZDM_U11 S2_ZDM_U03 S2_ZDM_U08 S2_ZDM_U05 S2_ZDM_U09 S2_ZDM_U10	15	60	2	0,5	T	Z		P	S	Ob
Total			10	2	3	6	5		390	1500	50	13,0						

#### 4.2.4.2 Legal-economic module (min. ..4.. ECTS points):

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol <b>GK</b> )	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course/group of courses	Way <sup>3</sup> of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes <sup>1</sup>			university-wide <sup>4</sup>	practical <sup>5</sup>	kind <sup>6</sup>	type <sup>7</sup>
1	PRZ1147W	Agreement in trade	2					S2_ZDM_W03 S2_ZDM_W01 S2_ZDM_W02	30	60	2	1,0	T	Z			S	W
2	PRZ1147C	Agreement in trade		1				S2_ZDM_U02 S2_ZDM_U01	15	60	2	0,5	T	Z			S	W
3	EKZ1155W	Theory and practice of economic regulation	2					S2_ZDM_W03 S2_ZDM_W01 S2_ZDM_W02	30	60	2	1,0	T	Z			S	W
4	EKZ1155C	Theory and practice of economic regulation		1				S2_ZDM_U02 S2_ZDM_U01	15	60	2	0,5	T	Z			S	W
5	PRZ1145W	Law and ethics in marketing	2					S2_ZDM_W03 S2_ZDM_W01	30	60	2	1,0	T	Z			S	W

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup>KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup>Optional – enter W, obligatory – enter Ob

									S2_ZDM_W02										
6	PRZ1145C	Law and ethics in marketing		1					S2_ZDM_U02 S2_ZDM_U01	15	60	2	0,5	T	Z			S	W
7	PRZ1146W	LEGAL AND ECONOMIC CIRCUMSTANCES OF MAKING A BUSINESS	2						S2_ZDM_W03 S2_ZDM_W01 S2_ZDM_W02	30	60	2	1,0	T	Z			S	W
8	PRZ1146C	LEGAL AND ECONOMIC CIRCUMSTANCES OF MAKING A BUSINESS		1					S2_ZDM_U02 S2_ZDM_U01	15	60	2	0,5	T	Z			S	W
9	EKZ1154W	INTERNATIONAL BUSINESS ENVIRONMENT	2						S2_ZDM_W03 S2_ZDM_W01 S2_ZDM_W02	30	60	2	1,0	T	Z			S	W
10	EKZ1154C	INTERNATIONAL BUSINESS ENVIRONMENT		1					S2_ZDM_U02 S2_ZDM_U01	15	60	2	0,5	T	Z			S	W
Total																			

**Altogether for specialization modules:**

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Number of ECTS points for BK classes <sup>1</sup>
lec	cl	lab	pr	sem				
12	3	3	6	5	435	1620	54	14,5

**4.3 Training module (Faculty Council resolution on principles of crediting training – attachment no. ...) - no requirements.**

<b>Name of training</b>			
<b>Number of ECTS points</b>	<b>Number of ECTS points for BK classes<sup>1</sup></b>	<b>Training crediting mode</b>	<b>Code</b>
<b>Training duration</b>		<b>Training objective</b>	

**4.4 Diploma dissertation module**

<b>Type of diploma dissertation</b>	Master Thesis
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<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup> KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup> Optional – enter W, obligatory – enter Ob

Number of diploma dissertation semesters	Number of ECTS points	Code	
23	1	ZMZ1157S	Diploma seminar I
	2	ZMZ1162S	Diploma seminar II
	6	ZMZ1161P	Master thesis I
	14	ZMZ1550D	Master thesis II
<b>Character of diploma dissertation</b>			
Literature survey, project, computer program, etc.			
Number of BK <sup>1</sup> ECTS points		23	

### 5. Ways of verifying assumed educational effects

Type of classes	Ways of verifying assumed educational effects
lecture	Examination or test - multiple choice questions with single or multiple answers; open questions
problems classes	Test (multiple choice and/or open questions); written reports in the form of presentations - literature and case studies, diagnostic and/or project reports - empirical research in real organizations, presenting the opinions of representatives of such organizations; spoken presentations using modern presentation technology
laboratory	Technical report or test
project	Written report documenting the diagnosis and solution of a problem, spoken presentation of the project with questions.
seminar	Choice and formulation of a problem/theme; activeness in discussions, written report in an academic style, essay, “mini”-monograph. Spoken presentations using modern presentation technology
work placement	Written report on the work practice given by the student's placement supervisor, confirmation of the completion and nature of the work placement by the employer

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup> KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup> Optional – enter W, obligatory – enter Ob

diploma thesis	Written report satisfying the current regulations for diploma theses, assessed by the supervisor and a reviewer using an appropriate form.
diploma examination	Spoken presentation of the results of the diploma thesis, answers to questions given by the examination committee, spoken answers to randomly chosen questions from the set appearing in the program of studies.

**6. Total number of ECTS points, which student has to obtain from classes requiring direct academic teacher-student contact (enter total of ECTS points for courses/groups of courses denoted with code BK<sup>1</sup>)**  
 ...100.... ECTS

**7. Total number of ECTS points, which student has to obtain from basic sciences classes**

Number of ECTS points for obligatory subjects .....	<b>14</b>
Number of ECTS points for optional subjects ....	<b>0</b>
Total number of ECTS points	<b>14</b>

**8. Total number of ECTS points, which student has to obtain from practical classes, including laboratory classes (enter total number of ECTS points for courses/group of courses denoted with code P)**

Number of ECTS points for obligatory subjects .....	<b>66</b>
Number of ECTS points for optional subjects ....	<b>2</b>
Total number of ECTS points	<b>68</b>

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup> KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup> Optional – enter W, obligatory – enter Ob

**9. Minimum number of ECTS points, which student has to obtain doing education modules offered as part of university-wide classes or other main field of study** (enter number of ECTS points for courses/groups of courses denoted with code OG)

...3.... ECTS points

**10. Total number of ECTS points, which student may obtain doing optional modules (min. 30% of total number of ECTS points)**

...57.... ECTS points

**11. Range of diploma dissertation**

Symbol of Learning Outcome	Exam question
K2_ZARZ_W01	1. Theories of regulation and their relationship to classical schools / economic trends. 2. Determinants of economic growth and development in the Keynesian and neo-liberal thinking.
K2_ZARZ_W02	1. Impact of competition policy and industrial policy measures in the EU market companies. 2 Pan-European organizational and legal forms of doing business. 3. Tools of economic and legal consequences of de-monopolization of markets.
K2_ZARZ_W03	1. Methods for the strategic analysis of environment and the potential of the organization. 2. The essence of strategic management. Schools and trends in strategic management. 3. Institutional and financial instruments to support the competitiveness and innovation of enterprises in the European Union. 4. Forms of internationalization of the company.
K2_ZARZ_W04	1. Models of growth and development of the organization. 2. Smart organization features.

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

<sup>6</sup> KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

<sup>7</sup> Optional – enter W, obligatory – enter Ob

K2_ZARZ_W05	<ol style="list-style-type: none"> <li>1. Knowledge management in organizations - the objectives, functions, models and instruments - examples.</li> <li>2. Strategies for knowledge management in an organization.</li> <li>3. Institutional and non-institutional forms of intellectual property protection.</li> </ol>
K2_ZARZ_W06	<ol style="list-style-type: none"> <li>1. Methods for calculating the costs and scope of their application.</li> <li>2. Methods for determining the value of the company.</li> <li>3. Instruments of strategic and operational controlling.</li> </ol>
K2_ZARZ_W07	<ol style="list-style-type: none"> <li>1. Integrated scorecard as a method of monitoring the achievement of strategic objectives.</li> <li>2. The roles and tasks of the budget process.</li> <li>3. Characterises the creation of value-added measures.</li> <li>4. Methods for measuring and evaluating the achievements of the organization as a whole and for its individual parts (responsibility centers).</li> </ol>
K2_ZARZ_W08	<ol style="list-style-type: none"> <li>1. Management by Objectives (MbO) – idea, concept, procedures and applications.</li> <li>2. Contemporary and classic structural solutions for management concept - similarities and differences.</li> <li>3. Essence, concepts and organizational procedures of controlling.</li> <li>4. VBM Value Based Management.</li> </ol>
K2_ZARZ_W10	<ol style="list-style-type: none"> <li>1. Psychological contract as a determinant of organizational culture.</li> <li>2. Range of objective and subjective prohibited commercial practices.</li> <li>3. The role of a good practice in consumer – economic organization relationship.</li> </ol>

<sup>1</sup>BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

<sup>4</sup>University-wide course /group of courses – enter O

<sup>5</sup>Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses

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<sup>7</sup> Optional – enter W, obligatory – enter Ob

K2_ZARZ_W11	<ol style="list-style-type: none"> <li>1. The essence of leadership in the organization. Concepts and leadership styles.</li> <li>2. Conflict management, the concept of conflict, the sources and types of conflict in the organization, methods of solving interpersonal and intergroup conflict.</li> <li>3. The decision making process, individual and situational factors.</li> <li>4. Influence of motivation on human behavior in the aspect of achieving individual and common goals.</li> </ol>
K2_ZARZ_W12	<ol style="list-style-type: none"> <li>1. Instruments for creating intra-entrepreneurship in organization.</li> <li>2. Psychological aspects of resistance to change and methods of overcoming them.</li> <li>3. Inhibitors and stimulants of the process of creative thinking. Techniques for creative approach in problem solving.</li> </ol>
K2_ZARZ_W13	<ol style="list-style-type: none"> <li>1. Methods of Operations Research - the purpose and scope of application in management - examples.</li> <li>2. The role of the significance level in statistical hypothesis testing.</li> <li>3. The components of the time series. Forecasting methods based on time series.</li> <li>4. Simulation methods. The process simulation. Objectives of simulation - examples of applications..</li> </ol>
K2_ZARZ_W14	<ol style="list-style-type: none"> <li>1. Common strategies for support management by IT techniques in industrial enterprises.</li> </ol>
S2_ZDM_W01	<ol style="list-style-type: none"> <li>1. The market and its components in term of classical (orthodox) economic and in term of the liberal approach.</li> <li>2. Basic measures for comparison of national economies and their utility for decision making processes in enterprise.</li> <li>3. The conditions and the types of economic and social regulation in national economies.</li> <li>4. The concept of the regulatory state - basic determinants.</li> </ol>
S2_ZDM_W02	<ol style="list-style-type: none"> <li>1. Kinds and types of organizations. Purposes of organization.</li> <li>2. Legal and organizational forms of ownership of enterprises.</li> </ol>

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<sup>2</sup>Traditional – enter T, remote – enter Z

<sup>3</sup>Exam – enter E, crediting – enter Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

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S2_ZDM_W03	<ol style="list-style-type: none"> <li>1. Closer and further business environment, the types of relationships with the environment and their impact on the company.</li> <li>2. Sociological, economic and political determinants of organizational behavior on the national or global levels.</li> </ol>
S2_ZDM_W04	<ol style="list-style-type: none"> <li>1. The objectives and functions of management .</li> <li>2. Model of organization, the nature of its components and relationships between components.</li> <li>3. The life cycle of the organization, the individual and group behavior and attitude to organization.</li> </ol>
S2_ZDM_W05	<ol style="list-style-type: none"> <li>1. Organizational structure - conditions and dynamics.</li> <li>2. Functional orientation and process orientation in management of the organization.</li> </ol>
S2_ZDM_W06	<ol style="list-style-type: none"> <li>1. The essence of logistics, its pillars and levels of integration logistics processes.</li> <li>2. Goals and strategies for production management in market economy.</li> </ol>
S2_ZDM_W07	<ol style="list-style-type: none"> <li>1. Comparison of Total Quality Management (TQM) and a system of quality management based on ISO 9000 series norm.</li> <li>2. Purposes and stages of DMAIC methodology (Define – Measure – Analyze – Improve – Control) applied in Six Sigma approach.</li> </ol>
S2_ZDM_W08	<ol style="list-style-type: none"> <li>1. Property and capital of enterprise - balance sheet. Income and expenses – financial result. Cash flow.</li> <li>2. Principles of accountant operation of accounts. Chart of Accounts.</li> <li>3. Investment of capital - investment in kind or cash. Methods for assessment the effectiveness of investments.</li> </ol>

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S2_ZDM_W09	1. Financial analysis in terms of problems - analysis of financial liquidity, profitability, equity and capital structure. 2. Matured organization - a method of building cohesion and consolidation of organizational behavior designed to reduce the risk of failure of the organization.
S2_ZDM_W10	1. Objectives, stages and tools of marketing management. 2. The concept of marketing and its place in the activity of the company. Basic principles of marketing.
S2_ZDM_W11	1. Algorithmic and heuristic processes in decision making: a comparison of both types of processes, examples of heuristics. 2. Inter-organizational behavior: sources, mechanisms and results of specific behavior, selection of behavior in term of strategy.
S2_ZDM_W12	1. Initial phase of project - the objectives, principles, actions related to initial phase, types of documents. 2. Project management structure - objectives, principles, advantages and disadvantages of application.
S2_ZDM_W13	1. Structure of tasks for personnel and instruments for its implementation. 2. Principles of construction and functioning of the teams in the organization and factors influencing their performance.

## 12. Requirements concerning deadlines for crediting courses/groups of courses for all courses in particular modules

No.	Course code	Name of course	Crediting by deadline of... (number of semester)

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**13. Plan of studies (attachment no. ...4...)**

Approved by faculty student government legislative body:

.....  
Date, name and surname, signature of student representative

.....  
Date, Dean's signature

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