

## **PLAN OF STUDIES**

**FACULTY:** Computer Science of Management

**MAIN FIELD OF STUDY:** Management

**EDUCATION LEVEL:** first-level (licencjat) studies

**FORM OF STUDIES:** full-time studies

**PROFILE:** general academic

**SPECIALIZATION:** Organizational Management (OM)

**LANGUAGE OF STUDY:** English

In effect since 1.10.2021

## Plan of studies structure (optionally)

### 1) in point layout

24				Sport activities 30	Foreign language B2.1 60	Foreign language B2.2 90	Total quality management 150		
23									
22				Work environment physics 110			Methods and tools of data analysis 90		
21				Computer science module 120	Organizational behaviour 120	Legal science module 100	Computer science module 120		
20	Information technology 120				Computer science module 120	Computer science module 100			
19							Leading projects in modern organization 150		
18								Sport activities 30	
17	Civil and commercial law 120			Sociology 50				Business Process Management 60	
16				Social competences module 75	Mathematical Economics 180	Operations management 120	Modern human resource management 120	Introduction to risk management 90	
15	Psychology 30				Marketing in the information society 180	Logistics 60		Information Systems in Management 120	
14						Contemporary organizational methods and techniques 60	Marketing research 120	Management training 60	
13	Mathematics 270			Descriptive statistics 180				Financial analysis supported by computer 90	
12				Organizational science 90	Economic science module 120	Marketing management 60		Bachelor thesis 480	
11									
10									
9									
8									
7	Essentials of management 180			Macroeconomics 180			Financial management 90		
6						Corporate finance 150			
5							Diploma seminar 30		
4									
3	Microeconomics 180								
2				Essentials of finance 60	Financial accounting in the organizational decision making process 120				
1									
I (300/30)				II (360/30)				III (360/30)	
IV (360/31)				V (360/29)				VI (195/30)	

<sup>1</sup>BU – number of ECTS points assigned to hours of classes requiring direct participation of academic teachers and other persons conducting classes

<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>DN - number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned

<sup>6</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>7</sup>KO – general education courses, PD – basic sciences courses, K – main field of study courses, S – specialization courses

## 2) in hourly layout

				Sport activities 02000	Foreign language B2.1 04000	Foreign language B2.2 04000	Total quality management 22000 E
			Work environment physics 21100				Methods and tools of data analysis 10100
	Information technology 20100		Computer science module 10200	Organizational behaviour 21000	Legal science module 22000	Computer science module 20100	
	Civil and commercial law 21000		Sociology 20000	Computer science module 20200	Computer science module 21100	Leading projects in modern organization 21000 E	Sport activities 02000
	Psychology 20000		Social competences module 00002	Mathematical Economics 21000 E	Operations management 11100 E	Modern human resource management 22000	Business Process Management 20000
13			Descriptive statistics 21000 E	Marketing in the information society 22000 E	Logistics 11000	Information Systems in Management 20100	Introduction to risk management 11000
12			Organizational science 21000	Economic science module 21000	Contemporary organizational methods and techniques 11000	Marketing research 22000	
11			Macroeconomics 21000 E	Financial accounting in the organizational decision making process 21000	Marketing management 11000	Financial management 21000	Management training 00200
10			Essentials of finance 20000		Corporate finance 21000 E	Diploma seminar 00001	Financial analysis supported by computer 10100
9							Bachelor thesis 00020
8							
7							
6							
5							
4							
3							
2							
1							
		I	II	III	IV	V	VI

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# 1. Set of obligatory and optional courses and groups of courses in semestral arrangement

## Semester 1

### Obligatory courses / groups of courses

### Number of ECTS points 30

No.	Course/ group of courses code	Name of course/group of courses (denote group of courses with symbol GK)	Weekly number of hours				Learning effect symbol	Number of hours			Number of ECTS points			Course/group of courses					
			lec	cl	lab	pr		sem	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	Form <sup>2</sup> of course/g roup of courses	Way <sup>2</sup> of crediting	Unive rsity- wide <sup>4</sup>	Concernin g scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	PRZ1121W	Civil and commercial law	2						30	60	2	2	1,4	T	Z		DN		K
2	PRZ1121C	Civil and commercial law	1						15	60	2	2	0,7	T	Z		DN	P	K
3	ZMZ1242W	Essentials of management	2						30	120	4	4	1,4	T	E		DN		K
4	ZMZ1242C	Essentials of management	2						30	60	2	2	1,4	T	Z		DN	P	K
5	IEZ1148W	Information technology	2						30	60	2	2	1,4	T	Z		DN		K
6	IEZ1148L	Information technology			1				15	60	2	2	0,7	T	Z		DN	P	K
7	EKZ1127W	Microeconomics	2						30	120	4	4	1,4	T	E		DN		K
8	EKZ1127C	Microeconomics	2						30	60	2	2	1,4	T	Z		DN	P	K
9	PSZ1119W	Psychology	2						30	30	1	1	1,4	T	Z		DN		KO
10	MAT1448	Mathematics (GK)	2	2					60	270	9	9	7,0	T	E	O			PD
		<b>Total</b>	<b>12</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>900</b>	<b>30</b>	<b>21</b>	<b>18,2</b>							

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## Optional courses / groups of courses (minimum ..... hours in semester, ..... 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			Learning effect symbol	Number of hours		Number of ECTS points			Form <sup>2</sup> of course/gr oup of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab		pr	sem	ZZU	CNPS	Total			DN <sup>5</sup> classes	BU <sup>1</sup> classes	University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>
		Total																

## Altogether in semester

Total number of hours				Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Total number of ECTS points for BU classes <sup>1</sup>
lec	cl	lab	pr	sem			
12	7	1	0	0	300	900	30
							21
							8,7

## Semester 2

## Obligatory courses / groups of courses Number of ECTS points ...23.....

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			Learning effect symbol	Number of hours		Number of ECTS points			Form <sup>2</sup> of course/gr oup of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab		pr	sem	ZZU	CNPS	Total			DN <sup>5</sup> classes	BU <sup>1</sup> classes	University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>
1	MAZ1130W	Descriptive statistics	2															PD
2	MAZ1130C	Descriptive statistics		1														PD

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<sup>5</sup>DN - number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned

<sup>6</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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3	FBZ1150W	Essentials of finance	2									30	60	2	2	1,4	T	Z			DN				K
4	EKZ1182W	Macroeconomics	2									30	120	4	4	1,4	T	E			DN				K
5	EKZ1182C	Macroeconomics	1									15	60	2	2	0,7	T	Z			DN			P	K
6	ZMZ1243W	Organizational science	2									30	60	2	2	1,4	T	Z			DN				K
7	ZMZ1243C	Organizational science	1									15	30	1	1	0,7	T	Z			DN			P	K
8	SCZ1120W	Sociology	2									30	50	2	2	1,4	T	Z			DN				KO
9	FZZ2503W	Work environment physics	2									30	60	2	2	1,4	T	Z			DN				PD
10	FZZ2503C	Work environment physics	1									15	30	1	1	0,7	T	Z			DN			P	PD
11	FZZ2503L	Work environment physics						1				15	30	1	1	1,4	T	Z			DN			P	PD
Total												<b>255</b>	<b>670</b>	<b>23</b>	<b>23</b>	<b>11,9</b>									

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### Optional courses / groups of courses (minimum ...105... hours in semester, ...7.... 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				Learning effect symbol	Number of hours		Number of ECTS points			Form <sup>2</sup> of course/gr oup of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr		sem	ZZU	CNPS	Total	DN <sup>5</sup> classes			BU <sup>1</sup> classes	University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	<b>IEZ</b>	<b>Computer science module</b>	1	2				45	120	4	4	2,1	T	Z	DN		S		
	IEZ1208W	Data processing technology	1					15	60	2	2	0,7	T	Z	DN		S		
	IEZ1208L	Data processing technology		2				30	60	2	2	1,4	T	Z	DN	P	S		
2	<b>PSZ</b>	<b>Social competences module</b>				2		30	75	3	3	1,4	T	Z	DN	P	KO		
	PSZ1181S	Communication in management				2		30	75	3	3	1,4	T	Z	DN	P	KO		
	SCZ1118S	Management of own potential				2		30	75	3	3	1,4	T	Z	DN	P	KO		
3	<b>WFW</b>	<b>Sport activities</b>		2			KL_ZARZ_K07	30	0	0	0	0,0	T	Z		O	KO		
		Total	1	2	2	0		105	195	7	7	3,5							

### Altogether in semester

Total number of hours						Total number of ECTS points for BU classes <sup>1</sup>
lec	cl	lab	pr	sem	hours	Number of ECTS points for BU classes <sup>1</sup>
13	6	3	0	2	360	15,4
					895	30
					30	15,4

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## Semester 3

### Obligatory courses / groups of courses      Number of ECTS points ...20.....

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				Learning effect symbol	Number of hours		Number of ECTS points			Form <sup>7</sup> of course/gr oup of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr		se m	ZU	CNPS	Tot al	DN <sup>5</sup> classes			BU <sup>1</sup> classes	University -Wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	MAZ1146W	Mathematical Economics	2					30	120	4	4	1,4	T	E		DN		PD	
2	MAZ1146C	Mathematical Economics	1					15	60	2	2	0,7	T	Z		DN	P	PD	
3	FBZ1151W	Financial accounting in the organizational decision making process	2					30	60	2	2	1,4	T	Z		DN		S	
4	FBZ1151C	Financial accounting in the organizational decision making process	1					15	60	2	2	0,7	T	Z		DN	P	S	
5	ZMZ1244W	Marketing in the information society	2					30	120	4	4	1,4	T	E		DN		S	
6	ZMZ1244C	Marketing in the information society	2					30	60	2	2	1,4	T	Z		DN	P	S	
7	ZMZ1245W	Organizational behaviour	2					30	60	2	2	1,4	T	Z		DN		K	
8	ZMZ1245C	Organizational behaviour	1					15	60	2	2	0,7	T	Z		DN		K	
Total								<b>195</b>	<b>600</b>	<b>20</b>	<b>20</b>	<b>9,1</b>							

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## Semester 4

### Obligatory courses / groups of courses

### Number of ECTS points ...15.....

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				Learning effect symbol	Number of hours		Number of ECTS points			Form <sup>2</sup> of course/gr oup of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr		se m	ZUU	CNPS	Tot al	DN <sup>5</sup> classes			BU <sup>1</sup> classes	University -Wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	ZMZ1246W	Contemporary organizational methods and techniques	1					15	30	1	1	0,7	T	Z	DN		S		
2	ZMZ1246C	Contemporary organizational methods and techniques	1				SL_ZARZ_OML_U10 KL_ZARZ_K02 KL_ZARZ_K03 KL_ZARZ_K04	15	30	1	1	0,7	T	Z	DN		S		
3	FBZ1152W	Corporate finance	2				KL_ZARZ_W11	30	90	3	3	1,4	T	E	DN		K		
4	FBZ1152C	Corporate finance	1				KL_ZARZ_U02 KL_ZARZ_U03 KL_ZARZ_U04 KL_ZARZ_U07 KL_ZARZ_U08 KL_ZARZ_U11 KL_ZARZ_U12 KL_ZARZ_U16 KL_ZARZ_K01	15	60	2	2	0,7	T	Z	DN		K		
5	ZMZ1247W	Logistics	1				KL_ZARZ_W09 KL_ZARZ_W14	15	30	1	1	0,7	T	Z	DN		K		
6	ZMZ1247C	Logistics	1				SL_ZARZ_OML_U06 SL_ZARZ_OML_U01 SL_ZARZ_OML_U10 KL_ZARZ_K06	15	30	1	1	0,7	T	Z	DN		K		
7	ZMZ1248W	Marketing management	1				KL_ZARZ_W03 KL_ZARZ_W08 KL_ZARZ_W09 KL_ZARZ_W10 KL_ZARZ_W12 KL_ZARZ_W14 KL_ZARZ_W15 KL_ZARZ_W18 KL_ZARZ_W19	15	30	1	1	0,7	T	Z	DN		K		
8	ZMZ1248C	Marketing management	1				KL_ZARZ_U03 KL_ZARZ_U04 KL_ZARZ_U05 KL_ZARZ_U07 KL_ZARZ_U08 KL_ZARZ_U09 KL_ZARZ_U10 KL_ZARZ_U14 KL_ZARZ_K01 KL_ZARZ_K02 KL_ZARZ_K03 KL_ZARZ_K06	15	30	1	1	0,7	T	Z	DN		K		
9	ZMZ1249W	Operations management	1				KL_ZARZ_W09 KL_ZARZ_W13	15	60	2	2	0,7	T	E	DN		K		

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10	ZMZ1249C	Operations management	1					15	30	1	1	0,7	T	Z	DN	P	K
								KLZARZ_U02 KLZARZ_U03 KLZARZ_U04 KLZARZ_U07 KLZARZ_U08 KLZARZ_U11 KLZARZ_U15 KLZARZ_U16 KLZARZ_K01									
11	ZMZ1249L	Operations management		1				15	30	1	1	0,7	T	Z	DN	P	K
								KLZARZ_U02 KLZARZ_U03 KLZARZ_U04 KLZARZ_U07 KLZARZ_U08 KLZARZ_U11 KLZARZ_U15 KLZARZ_U16 KLZARZ_K01									
		<b>Total</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>180</b>	<b>450</b>	<b>15</b>	<b>15</b>	<b>8,4</b>					

### Optional courses / groups of courses (minimum ...180... hours in semester, ...16.... 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				Learning effect symbol	Number of hours		Number of ECTS points			Form <sup>2</sup> of course/gr oup of courses	Way <sup>3</sup> of crediting	Course/group of courses		
			lec	lab	pr	se m		ZZU	CNPS	Tot al	DN <sup>5</sup> classes	BU <sup>1</sup> classes			University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>
<b>1</b>	<b>IEZ</b>	<b>Computer science module</b>	<b>2</b>	<b>2</b>				<b>60</b>	<b>100</b>	<b>4</b>	<b>4</b>	<b>2,8</b>	<b>T</b>	<b>Z</b>			<b>S</b>
	IEZ1237W	Investigation of MIS requirements	1					15	25	1	1	0,7	T	Z	DN		S
	IEZ1237C	Investigation of MIS requirements	1					15	25	1	1	0,7	T	Z	DN	P	S
	IEZ1238W	Methods of management information systems modeling	1					15	25	1	1	0,7	T	Z	DN		S
	IEZ1238L	Methods of management information systems modeling		1				15	25	1	1	0,7	T	Z	DN	P	S
	IEZ1239W	Information Systems Analysis	1					15	25	1	1	0,7	T	Z	DN		S
	IEZ1239P	Information Systems Analysis			1			15	25	1	1	0,7	T	Z	DN	P	S

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2	PRZ	Legal science module	2	2					60	100	4	4	2,8	T	Z	DN	S
	PRZ1181W	Business on the EU market	1						15	25	1	1	0,7	T	Z	DN	S
	PRZ1181C	Business on the EU market		1					15	25	1	1	0,7	T	Z	DN	P S
	PRZ1182W	International law	1						15	25	1	1	0,7	T	Z	DN	S
	PRZ1182C	International law		1					15	25	1	1	0,7	T	Z	DN	P S
	PRZ1183W	Management and protection of intellectual property	1						15	25	1	1	0,7	T	Z	DN	S
	PRZ1183C	Management and protection of intellectual property		1					15	25	1	1	0,7	T	Z	DN	P S
3	JZL	Foreign language B2.2		4					60	90	3		2,0	T	Z	O	P KO
4	ZMZ2623Q	Internship (4th lub 5th semester)							0	160	5		0,0				P
		Total	4	8	0	0	0	0	180	490	16	8	7,6				

### Altogether in semester

Total number of hours				Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Total number of ECTS points for DN classes <sup>5</sup>	Number of ECTS points for BU classes <sup>1</sup>
lec	cl	lab	pr sem					
10	13	1	0	360	900	31	23	16,0

<sup>1</sup>BU – number of ECTS points assigned to hours of classes requiring direct participation of academic teachers and other persons conducting classes

<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>DN - number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned

<sup>6</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>7</sup>KO – general education courses, PD – basic sciences courses, K – main field of study courses, S – specialization courses

## Semester 5

### Obligatory courses / groups of courses

### Number of ECTS points ...24.....

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					Learning effect symbol	Number of hours			Number of ECTS points			Form <sup>2</sup> of course/gr oup of courses	Way <sup>3</sup> of credi ting	Course/group of courses		
			lec	cl	lab	pr	sem		ZSU	CNPS	Tot al	DN <sup>5</sup> classes	BU <sup>1</sup> classes	University -Wide <sup>4</sup>			Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	FBZ1153W	Financial management	2						30	60	2	2	1,4	T	Z		DN		K
2	FBZ1153C	Financial management		1					15	30	1	1	0,7	T	Z		DN	P	K
3	ZMZ1251W	Leading project in modern organizations	2						30	90	3	3	1,4	T	E		DN		S
4	ZMZ1251C	Leading project in modern organizations		1					15	60	2	2	0,7	T	Z		DN	P	S
5	ZMZ1655W	Marketing research	2						30	60	2	2	1,4	T	Z		DN		K
6	ZMZ1655C	Marketing research		2					30	60	2	2	1,4	T	Z		DN	P	K
7	ZMZ1253W	Methods and Tools of Data Analysis	1						15	30	1	1	0,7	T	Z		DN		S
8	ZMZ1253L	Methods and Tools of Data Analysis			1				15	60	2	2	0,7	T	Z		DN	P	S
9	ZMZ1254W	Modern human resource management	2						30	60	2	2	1,4	T	Z		DN		S
10	ZMZ1254C	Modern human resource management		2					30	60	2	2	1,4	T	Z		DN	P	S

<sup>1</sup>BU – number of ECTS points assigned to hours of classes requiring direct participation of academic teachers and other persons conducting classes

<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>DN - number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned

<sup>6</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>7</sup>KO – general education courses, PD – basic sciences courses, K – main field of study courses, S – specialization courses

11	ZMZ1255W	Total quality management	2						30	90	3	3	1,4	T	E	DN		K
12	ZMZ1255C	Total quality management	2					30	60	60	2	2	1,4	T	Z	DN	P	K
		Total	11	8	1	0	1	300	750	24	24	24	14,0					

### Optional courses / groups of courses (minimum ...60... hours in semester, ...5.... 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				Learning effect symbol	Number of hours		Number of ECTS points			Form <sup>2</sup> of course/gr oup of courses	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr		se m	ZZ U	CNPS	Total	DN <sup>5</sup> classes			BU <sup>1</sup> classes	University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	ZMZ1250S	Diploma seminar						15	30	1	1	0,7	T	Z	DN	P		K	
2	IEZ	Computer science module	2		1			45	120	4	4	2,1	T	Z	DN			S	
	IEZ1240W	Software project in management	2					30	60	2	2	1,4	T	Z	DN			S	
	IEZ1240L	Software project in management		1				15	60	2	2	0,7	T	Z	DN	P		S	
	IEZ1241W	IT Tools in Project Management	2					30	60	2	2	1,4	T	Z	DN			S	
	IEZ1241L	IT Tools in Project Management		1				15	60	2	2	0,7	T	Z	DN	P		S	
		<b>Total</b>						60	120	5	5	2,8							

<sup>1</sup>BU – number of ECTS points assigned to hours of classes requiring direct participation of academic teachers and other persons conducting classes

<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>DN - number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned

<sup>6</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>7</sup>KO – general education courses, PD – basic sciences courses, K – main field of study courses, S – specialization courses

## Altogether in semester

Total number of hours						Total number of ECTS points for BU classes <sup>1</sup>
Total number of CNPS of ECTS points						Total number of ECTS points for DN classes <sup>5</sup>
Total number of ZZU hours						
lec	cl	lab	pr	sem		
13	8	2	0	1	360	29
						16,8

## Semester 6

### Obligatory courses / groups of courses / Number of ECTS points ...14.....

No.	Course/ group of courses code	Name of course/group of courses (denote group of courses with symbol GK)	Weekly number of hours					Learning effect symbol	Number of hours		Number of ECTS points		Form <sup>2</sup> of course /group of course s	Way <sup>3</sup> of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	Tot al	DN clas ses			BU <sup>1</sup> classes	University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	FBZ1233W	Financial analysis supported by computer	1						15	30	1	1	0,7	T	Z		DN		K
2	FBZ1233L	Financial analysis supported by computer		1					15	60	2	2	0,7	T	Z		DN	P	K
3	EKZ1129W	Introduction to risk management	1						15	30	1	1	0,7	T	Z		DN		S
4	EKZ1129C	Introduction to risk management		1					15	60	2	2	0,7	T	Z		DN	P	S
5	IEZ1242W	Information Systems in Management	2						30	60	2	2	1,4	T	Z		DN		K
6	IEZ1242L	Information Systems in Management		1					15	60	2	2	0,7	T	Z		DN	P	K
7	ZMZ1257L	Management training		2					30	60	2	2	1,4	T	Z		DN	P	K

<sup>1</sup>BU – number of ECTS points assigned to hours of classes requiring direct participation of academic teachers and other persons conducting classes

<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>DN - number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned

<sup>6</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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## 2. Set of examinations in semestral arrangement

Course / group of courses code	Names of courses / groups of courses ending with examination	Semester
ZMZ1242W	Essentials of management	1
MAT1448	Mathematics (GK)	1
EKZ1127W	Microeconomics	1
MAZ1130W	Descriptive statistics	2
EKZ1182W	Macroeconomics	2
MAZ1146W	Mathematical Economics	3
ZMZ1244W	Marketing in the information society	3
FBZ1152W	Corporate finance	4
ZMZ1249W	Operations management	4
ZMZ1251	Leading project in modern organizations	5
ZMZ1255W	Total quality management	5

## 3. Numbers of allowable deficit of ECTS points after particular semesters

Semester	Allowable deficit of ECTS points after semester
1	13
2	17
3	12
4	11
5	6
6	0

<sup>1</sup>BU – number of ECTS points assigned to hours of classes requiring direct participation of academic teachers and other persons conducting classes

<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>DN - number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned

<sup>6</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>7</sup>KO – general education courses, PD – basic sciences courses, K – main field of study courses, S – specialization courses

## Opinion of student government legislative body

.....  
.....  
Date Name and surname, signature of student representative  
.....  
Date Dean's signature

<sup>1</sup>BU – number of ECTS points assigned to hours of classes requiring direct participation of academic teachers and other persons conducting classes  
<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>DN - number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned  
<sup>6</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>7</sup>KO – general education courses, PD – basic sciences courses, K – main field of study courses, S – specialization courses

Opinion of student government legislative body

11.03.2021

Date

Mateusz Selańczak, Mateusz Selańczak

Name and surname, signature of student representative

**DZIEKAN**

11.03.2021

Date

Katarzyna Tworek

dr hab. inż. Katarzyna Tworek, prof. uczelni  
(3)

<sup>1</sup>BU – number of ECTS points assigned to hours of classes requiring direct participation of academic teachers and other persons conducting classes

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

<sup>3</sup>Exam – enter E, crediting – enter Z, I or 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>DN – number of ECTS points assigned to the classes related to the University's academic activity in the discipline/disciplines to which the main field of study is assigned

<sup>6</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>7</sup>KO – general education courses, PD – basic sciences courses, K – main field of study courses, S – specialization courses