

PLAN OF STUDIES

FACULTY: Faculty of Management

MAIN FIELD OF STUDY: Business Engineering

EDUCATION LEVEL: second-level studies

FORM OF STUDIES: full-time studies

PROFILE: general academic

SPECIALIZATION: Business Intelligence

LANGUAGE OF STUDY: English

In effect since educational cycle 2023/2024

Plan of studies structure (optionally)

1) in ECTS point layout

25				25		
24	Foreign language (B2+) (01000)	Diploma seminar (00001)		24		
23	Physics of complex systems (10100)	Games and decisions in management (20200)		23		
22				22		
21				21		
20	Descriptive analytics (20200)			20		
19				19		
18		Digital marketing and social media (10210)		18		
17	Business simulations (10210)		Research workshop (00001)	17		
16			Ethics module (10001)	16		
15				15		
14	Creative and design thinking workshop (00012)	Project management (10210)	Foreign language (A1 or A2) (03000)	14		
13					13	
12				12		
11		BI Day (00001)	Diploma thesis (00010)	11		
10	Contemporary management (20002)	Visual analytics (10110)	Business module (10010)	10		
9					9	
8				Social competences module (00002)	8	
7		Web scrapping and data (20100)		7		
6	Contemporary economics (10010)			Cloud computing serices (00101)	6	
5				5		
4	Business intelligence workplace (10210)	Predictive analytics (20200)	Prescriptive analytics (20200)	4		
3						3
2						2
1						1

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²Traditional – enter T, remote – enter Z

³Exam – enter E, crediting – enter Z. For the group of classes – after the letter E or Z - enter in brackets the final subject form (lec, cl, lab, pr, sem)

⁴University-wide subject /group of classes – enter O

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2) in hourly layout

25				25		
24	Foreign language (B2+) (1)	Diploma seminar (2)		24		
23	Physics of complex systems (3)	Games and decisions in management (4)		23		
22				22		
21	Descriptive analytics (6)			21		
20				20		
19			19			
18		Digital marketing and social media (4)	18			
17	Business simulations (6)		Research workshop (1)	17		
16			Ethics module (2)	16		
15				15		
14			Project management (6)	Foreign language (A1 or A2) (2)	14	
13	Creative and design thinking workshop (3)				13	
12				12		
11			BI Day (1)	Diploma thesis (14)	11	
10	Contemporary management (4)	Visual analytics (3)	Business module (2)	10		
9					9	
8				Social competences module (2)	8	
7	Contemporary economics (2)	Web scrapping and data (4)		7		
6				Cloud computing serices (2)	6	
5					5	
4	Business intelligence workplace (5)	Predictive analytics (6)	Prescriptive analytics (5)	4		
3						3
2						2
1						1

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1. Set of obligatory and optional classes and groups of classes in semestral arrangement

Semester 1

Obligatory classes / groups of classes

Number of ECTS points 24

No.	Subject/ group of classes code	Name of subject/group of classes (denote group of classes with symbol GK)	Weekly number of hours					Learning effect symbol	Number of hours		Number of ECTS points			Form ² of subject/group of classes	Way ³ of crediting	Subject/group of classes			
			lec	cl	lab	pr	sem		ZZU	CNPS	Total	DN ⁵ classes	BU ¹ classes			University- wide ⁴	Concerning scientific activities ⁵	Practical ⁶	Type ⁷
1.	W08IZZ- SM8025G	Creative and design thinking workshop GK				1	2	K2_IZ_W9 U10,11,18,22,23 K1-7	45	75	3	3	1,96	T	Z		DN	P	K
2.	W08IZZ- SM8027G	Physics of complex systems GK	1		1			K2_IZ_W11 U10,11,20,21 K1	30	75	3	3	1,36	lec:T/Z lab:T	Z		DN	P (2)	PD
3.	W08IZZ- SM8035G	Business simulations GK	1		2			K2_IZ_W1 U1,4,5,10,11, K1	45	100	4	4	1,96	lec:T/Z lab:T	Z		DN	P (3)	K
4.	W08IZZ- SM8035P	Business simulations				1		K2_IZ_W1 U1,4,5,10,11, K1	15	50	2	2	0,68	T	Z		DN	P	K
5.	W08IZZ- SM8028W	Descriptive analytics	2					K2_IZ_W2,4,5 U2,8-11, K1	30	100	4	4	1,36	T/Z	E		DN	P	PD
6.	W08IZZ-SM8028L	Descriptive analytics			2			K2_IZ_W2,4,5 U2,8-11, K1	30	50	2	2	1,28	T	Z		DN	P	PD
7.	W08IZZ- SM8036G	Contemporary economics GK	1			1		K2_IZ_W6,7,9,1 3,14,U10,11,15, 16,18,24,25, K1	30	50	2	2	1,36	lec:T/Z lab:T	Z		DN	P (1)	K
8.	W08IZZ- SM8026W	Contemporary management	2					K2_IZ_W6,7,9,1 3,14, U10,11,15- 18,24,25, K1	30	50	2	2	1,28	T/Z	Z		DN		K

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9	W08IZZ-SM8026S	Contemporary management					2	K2_IZ_W6,7,9,13,14, U10,11,15-18,24,25, K1	30	50	2	2	1,28	T	Z		DN	P	K
Total			7	0	5	3	4		285	600	24	24	12,52						

Optional classes / groups of classes (minimum 60 hours in semester, 6 ECTS points)

No.	Subject/ group of classes code	Name of subject/group of classes (denote group of classes with symbol GK)	Weekly number of hours					Learning effect symbol	Number of hours		Number of ECTS points			Form ² of subject/group of classes	Way ³ of crediting	Subject/group of classes			
			lec	cl	lab	pr	sem		ZZU	CNPS	Total	DN ⁵ classes	BU ¹ classes			University- wide ⁴	Concerning scientific activities ⁵	Practical ⁶	Type ⁷
1.	W08IZZ-SM8029G	Business intelligence workplace GK	1		2	1		K2_IZ_W1-3, 5 K2_IZ_U3,9-11 K2_IZ_K1	60	125	5	5	2,64	lec:T/Z lab,pr:T	Z		DN	P (4)	S
2.	JZL	Foreign language (B2+)		1				K2_IZ_U10-14 K2_IZ_K1	15	30	1		0,5	T	Z	O		P	KO
Total			1	1	2	1	0		75	155	6	5	3,14						

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 ⁵	Number of ECTS points for BU classes ¹
lec	cl	lab	pr	sem					
8	1	7	4	4	360	755	30	29	15,66

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Semester 2

Obligatory classes / groups of classes

Number of ECTS points 14

No.	Subject/ group of classes code	Name of subject/group of classes (denote group of classes with symbol GK)	Weekly number of hours					Learning effect symbol	Number of hours		Number of ECTS points			Form ² of subject/group of classes	Way ³ of crediting	Subject/group of classes			
			lec	cl	lab	pr	sem		ZZU	CNPS	Total	DN ⁵ classes	BU ¹ classes			University- wide ⁴	Concerning scientific activities ⁵	Practical ⁶	Type ⁷
1.	W08IZZ- SM8009G	Digital marketing and social media GK	1		2	1		K2_IZ_W7,9 U10,11,15, K1	60	100	4	4	2,64	lec:T/Z lab:T	Z		DN	P (3)	K
2.	W08IZZ- SM8012W	Games and decisions in management	2					K2_IZ_W1,4,5,9,1 0 U1,5,8-11,26, K1	30	50	2	2	1,28	T/Z	Z		DN		K
3.	W08IZZ- SM8012L	Games and decisions in management			2			K2_IZ_W1,4,5,9,1 0 U1,5,8-11,26, K1	30	50	2	2	1,28	T	Z		DN	P	K
4.	W08IZZ- SM8014W	Project management	1					K2_IZ_W,8- 10,15,16 U10, 11, 17, 19, 22, 27, K1	15	50	2	2	0,76	T/Z	E		DN		K
5.	W08IZZ- SM8014L	Project management			2			K2_IZ_W,8- 10,15,16 U10, 11, 17, 19, 22, 27, K1	30	50	2	2	1,28	T	Z		DN	P	K
6.	W08IZZ- SM8014P	Project management				1		K2_IZ_W,8- 10,15,16 U10, 11, 17, 19, 22, 27, K1	15	50	2	2	0,68	T	Z		DN	P	K
Total			4	0	6	2	0		180	350	14	14	7,92						

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Optional classes / groups of classes (minimum 180 hours in semester, 16 ECTS points)

No.	Subject/ group of classes code	Name of subject/group of classes (denote group of classes with symbol GK)	Weekly number of hours					Learning effect symbol	Number of hours		Number of ECTS points			Form ² of subject/group of classes	Way ³ of crediting	Subject/group of classes			
			lec	cl	lab	pr	sem		ZZU	CNPS	Total	DN ⁵ classes	BU ¹ classes			University- wide ⁴	Concerning scientific activities ⁵	Practical ⁶	Type ⁷
1.	W08IZZ- SM8013G	Predictive analytics GK	2		2			K2_IJ_W1,4,5 U1,5,8-11,26,K1	60	150	6	6	2,64	lec:T/Z lab:T	E (lec)		DN	P (3)	S
2.	W08IZZ- SM8030G	Visual analytics GK	1		1	1		K2_IJ_W1-4 U1,2,3,9-11, K1	45	75	3	3	2,04	lec:T/Z lab:T	Z		DN	P (2)	S
3.	W08IZZ- SM8031G	Web scraping and analysis GK	2		1			K2_IJ_W2 U2,6,7,10,11, K1	45	100	4	4	1,96	lec:T/Z lab:T	Z		DN	P (2)	S
4.	W08IZZ- SM8040S	BI Day					1	K2_IJ_U10,11, 26 K2_IJ_K1 K2_IJ_K5 K2_IJ_K6 K2_IJ_K7	15	25	1	1	0,68	T	Z		DN	P	S
5.	W08IZZ- SM8032S	Diploma seminar					1	K2_IJ_U10,11, 26 K2_IJ_K1,5,6,7	15	50	2	2	0,68	T	Z		DN	P	K
Total			5	0	4	1	2		180	400	16	16	8						

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 ⁵	Number of ECTS points for BU classes ¹
lec	cl	lab	pr	sem					
9	0	10	3	2	360	750	30	30	15,92

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Semester 3

Obligatory classes / groups of classes

Number of ECTS points 3

No.	Subject/ group of classes code	Name of subject/group of classes (denote group of classes with symbol GK)	Weekly number of hours					Learning effect symbol	Number of hours		Number of ECTS points			Form ² of subject/group of classes	Way ³ of crediting	Subject/group of classes			
			lec	cl	lab	pr	sem		ZZU	CNPS	Total	DN ⁵ classes	BU ¹ classes			University- wide ⁴	Concerning scientific activities ⁵	Practical ⁶	Type ⁷
1.	W08IZZ- SM8017G	Cloud computing services GK			1		1	K2_IJ_W3 U3,6,10,11, K1	30	50	2	2	1,36	T	Z		DN	P	K
2.	W08IZZ- SM8033S	Research workshop					1	K2_IJ_U8,10,1 1,26, K1,5,6	15	25	1	1	0,68	T	Z		DN	P	K
		Total			1		2		45	75	3	3	2,04						

Optional classes / groups of classes (minimum 270 hours in semester, 28 ECTS points)

No.	Subject/ group of classes code	Name of subject/group of classes (denote group of classes with symbol GK)	Weekly number of hours					Learning effect symbol	Number of hours		Number of ECTS points			Form ² of subject/group of classes	Way ³ of crediting	Subject/group of classes			
			lec	cl	lab	pr	sem		ZZU	CNPS	Total	DN ⁵ classes	BU ¹ classes			University- wide ⁴	Concerning scientific activities ⁵	Practical ⁶	Type ⁷
1.	W08IZZ- SM8019W	Prescriptive analytics	2					K2_IJ_W1,4,5 U1,4,5,8-11,26, K1	30	50	2	2	1,28	T/Z	Z		DN		S
2.	W08IZZ- SM8019L	Prescriptive analytics			2			K2_IJ_W1,4,5 U1,4,5,8-11,26, K1	30	75	3	3	1,28	T	Z		DN	P	S
3.	W08IZZ- SM8034D	Diploma Thesis				1		K2_IJ_U10,11,26 K2_IJ_K1,6,7	12	350	14	14	3,48	T/Z	Z		DN	P	K
4.	JZL	Foreign language (A1 or A2)		3				K2_IJ_U10-14 K2_IJ_K1	45	60	2		1,5	T	Z	O		P	KO
5.	IZZ- SM3BISCM	Social competences module				2			30	50	2	2	1,28	T	Z		DN	P	KO

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	W08IZZ-SM8023S	Business psychology				2	K2_IZ_W12,16 U7,10,11,22,23, K1-5,7	30	50	2	2	1,28	T	Z		DN	P	KO
	W08IZZ-SM8024S	Leading teams and work groups				2	K2_IZ_W12,16 U7,10,11,22,23 K1-5,7	30	50	2	2	1,28	T	Z		DN	P	KO
6.	IZZ-SM3BIBM	Business module	1			1		30	50	2	2	1,36	T	Z		DN	P	KO
	W08IZZ-SM8021G	Business planning GK	1				K2_IZ_W6,7,14 U7,10,11,15- 17,24,25 K1	30	50	2	2	1,36	T	Z		DN	P	KO
	W08IZZ-SM8020G	Business models in developing environment GK	1				K2_IZ_W6,7,14 U10,11,15- 18,24,25 K1	30	50	2	2	1,36	T	Z		DN	P	KO
	W08IZZ-SM8022G	Corporate Social Responsibility GK	1			1	K2_IZ_W6,7,14 U10,11,15,16,18,2 4, 25, K1	30	50	2	2	1,36	T	Z		DN	P	KO
7.	IZZ-SM3BIEM	Ethics module	1			1		30	50	2		1,36	T	Z			P	KO
	W08IZZ-SM8038	Ethics of new technologies GK	1				K2_IZ_K7	30	50	2		1,36	T	Z			P	KO
	W08IZZ-SM8037	Ethic of management and new technologies GK	1				K2_IZ_K7	30	50	2		1,36	T	Z			P	KO
	W08IZZ-SM8039	Business ethics GK	1				K2_IZ_K7	30	50	2		1,36	T	Z			P	KO
Total			4	3	2	2	3		207	685	27	23	11,54					

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 ⁵	Number of ECTS points for BU classes ¹
lec	cl	lab	pr	sem					
4	3	3	2	5	252	760	30	26	13,58

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2. Set of examinations in semestral arrangement

Subject / group of classes code	Names of classes / groups of classes ending with examination	Semester
W08IZZ-SM8028W	Descriptive analytics	1
W08IZZ-SM8013G	Predictive analytics GK	2
W08IZZ-SM8014W	Project management	2

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

Semester	Allowable deficit of ECTS points after semester
1	8
2	15
3	0

Opinion of student government legislative body

.....
Date

.....
Name and surname, signature of student representative

.....
Date

.....
Dean's signature

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