PLAN OF STUDIES

FACULTY: **Computer Science and Management**

MAIN FIELD OF STUDY: **Management**

EDUCATION LEVEL: **2nd level, magister**

FORM OF STUDIES: **part-time**

PROFILE: **general academic**

SPECIALIZATION: **Business Process Management**

LANGUAGE OF STUDY: **Polish**

Faculty Council Resolution of **23.04.2013**
In effect since **1.10.2013**

*delete as applicable

Plan of studies structure (optionally)

1) in point layout
   (space for scheme of plan)

2) in hourly layout
   (space for scheme of plan)

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

[2]Traditional – enter T, remote – enter Z

[3]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)

[4]University-wide course /group of courses – enter O

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

[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

[7] Optional – enter W, obligatory – enter Ob

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

Semester 1

Obligatory 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					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]
1	ZMZ1607W	Management concepts	2						20	90	3	0,7	T	E			K	Ob
2	ZMZ1607P	Management concepts				1			10	90	3	0,3	T	Z		P	K	Ob
3	IEZ1217W	Simulation modeling	1						10	60	2	0,3	T	Z			K	Ob
4	IEZ1217L	Simulation modeling			1				10	60	2	0,3	T	Z		P	K	Ob
5	PSZ1120W	Psychology in Management	1						10	30	1	0,3	T	Z			K	Ob
6	PSZ1120S	Psychology in Management					1		10	30	1	0,3	T	Z		P	K	Ob
7	FBZ1156W	Managerial Accounting	1						10	30	1	0,3	T	Z			K	Ob
8	FBZ1156C	Managerial Accounting		1					10	60	2	0,3	T	Z		P	K	Ob
9	MAZ1141W	Statistics and ekonometrics	2						20	90	3	0,7	T	Z			PD	Ob
10	MAZ1141L	Statistics and ekonometrics			1				10	60	2	0,3	T	Z		P	PD	Ob
11	ZMZ1576W	Strategic Management	2						20	120	4	0,7	T	E			K	Ob
12	ZMZ1576P	Strategic Management				1			10	90	3	0,3	T	Z		P	K	Ob
13	IEZ1151W	Integrated Management Information Systems	1						10	60	2	0,3	T	Z			K	Ob
14	IEZ1151L	Integrated Management Information Systems			1				10	30	1	0,3	T	Z		P	K	Ob
		Total	10	1	3	2	1		170	900	30	5,4						

Groups of obligatory courses number of 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[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students
[2]Traditional – enter T, remote – enter Z
[3]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)
[4]University-wide course /group of courses – enter O
[5]Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses
[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization
[7] Optional – enter W, obligatory – enter Ob

			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]						
		Total																

Optional 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 **GK**)	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]
		Total																

Groups of optional courses (e.g. name of specialization) (minimum …… hours in semester, ……. 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[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]
		Total																

Altogether in semester

Total number of hours	Total number of ZZU	Total number of CNPS hours	Total number of ECTS points	Number of ECTS points for BK classes[1]

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

[2]Traditional – enter T, remote – enter Z

[3]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)

[4]University-wide course /group of courses – enter O

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

[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

[7] Optional – enter W, obligatory – enter Ob

					hours			
lec	cl	lab	pr	sem				
10	**1**	**3**	**2**	**1**	**170**	**900**	**30**	**5,4**

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

[2]Traditional – enter T, remote – enter Z

[3]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)

[4]University-wide course /group of courses – enter O

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

[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

[7] Optional – enter W, obligatory – enter Ob

Semester 2

Obligatory courses number of ECTS points …27….

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol **GK**)	lec	cl	lab	pr	sem	Field-of-study educational effect symbol	ZZU	CNPS	total	BK classes[1]	Form[2] of course/group of courses	Way[3] of crediting	university-wide[4]	practical[5]	kind[6]	type[7]
1	MAZ1142W	Operations Research	2						20	120	4	0,7	T	E			PD	Ob
2	MAZ1142L	Operations Research			1				10	60	2	0,3	T	Z		P	PD	Ob
3	ZMZ1271W	Controlling	1						10	60	2	0,3	T	Z			K	Ob
4	ZMZ1271P	Controlling				1			10	60	2	0,3	T	Z		P	K	Ob
5	MAZ1136W	Econometric Modelling and Forecasting	1						10	60	2	0,3	T	Z			PD	Ob
6	MAZ1136	Econometric Modelling and Forecasting				1			10	60	2	0,3	T	Z		P	PD	Ob
7	ZMZ1471S	Diploma seminar I					1		10	30	1	0,3	T	Z		P	S	Ob
8	ZMZ1616W	Process Management I - process design methodology and tools	1						10	90	4	0,3	T	E			S	Ob
9	ZMZ1616C	Process Management I - process design methodology and tools		1					10	30	1	0,3	T	Z		P	S	Ob
10	ZMZ1616L	Process Management I - process design methodology and tools			1				10	60	2	0,3	T	Z		P	S	Ob
11	ZMZ1617W	Process Management II - R&D Processes	1						10	30	1	0,3	T	Z			S	Ob
12	ZMZ1617C	Process Management II - R&D Processes		1					10	30	1	0,3	T	Z		P	S	Ob
13	ZMZ1415W	Change and project management	1						10	30	1	0,3	T	Z			S	Ob
14	ZMZ1415P	Change and project management				1			10	60	2	0,3	T	Z		P	S	Ob
		Total	7	2	2	3	1		150	780	27	4,6						

Groups of obligatory courses number of ECTS points …….

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol **GK**)	lec	cl	lab	pr	sem	Field-of-study educational effect symbol	ZZU	CNPS	total	BK classes[1]	Form[2] of course/group of courses	Way[3] of crediting	university-wide[4]	practical[5]	kind[6]	type[7]

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

[2]Traditional – enter T, remote – enter Z

[3]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)

[4]University-wide course /group of courses – enter O

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

[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

[7] Optional – enter W, obligatory – enter Ob

			Total																	

Optional courses (minimum 20…… hours in semester, …3…. 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[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]
1	- - - -	Legal-economic module I	1	1					20	90	3	0,7	T	Z			S	W
		Total	**1**	**1**					**20**	**90**	**3**	**0,7**						

Groups of optional courses (e.g. name of specialization) (minimum …… hours in semester, ……. 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[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]
		Total																

Altogether in semester

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[1]
lec	cl	lab	pr	sem				
8	**3**	**2**	**3**	**1**	**170**	**900**	**30**	**5,3**

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

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[3]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)

[4]University-wide course /group of courses – enter O

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

[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

[7] Optional – enter W, obligatory – enter Ob

Semester 3

Obligatory courses number of ECTS points …23….

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[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]
1	ZMZ1608P	Master thesis I				2			20	240	13	0,0	T	Z		P	S	Ob
2	ZMZ2619S	Diploma seminar II					1		10	60	2	0,3	T	Z		P	S	Ob
3	ZMZ1618W	Process Management III – CRM and Marketing Strategy	2						20	60	2	0,7	T	Z			S	Ob
4	ZMZ1618P	Process Management III – CRM and Marketing Strategy				1			10	30	1	0,3	T	Z		P	S	Ob
5	ZMZ1622W	Process management IV – Logistics Processes	1						10	90	3	0,3	T	E			S	Ob
6	ZMZ1622L	Process management IV – Logistics Processes			1				10	30	1	0,3	T	Z		P	S	Ob
7	ZMZ1622P	Process management IV – Logistics Processes				1			10	30	1	0,3	T	Z		P	S	Ob
		Total	3	0	1	4	1		90	540	23	2,3						

Groups of obligatory courses number of 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[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]
		Total																

Optional courses (minimum …80… hours in semester, …7…. 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	Number of hours		Number of ECTS points		Form[2] of course/group of courses	Way[3] of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes[1]			university-wide[4]	practical[5]	kind[6]	type[7]

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students
[2]Traditional – enter T, remote – enter Z
[3]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)
[4]University-wide course /group of courses – enter O
[5]Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses
[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization
[7] Optional – enter W, obligatory – enter Ob

No.	Course/group of courses code	Name of course/group of courses	lec	cl	lab	pr	sem	Field-of-study educational effect symbol	ZZU	CNPS	total	BK classes[1]	Form[2] of course/group of courses	Way[3] of crediting	university-wide[4]	practical[5]	kind[6]	type[7]
1	JZL	Foreign language B2+		2					20	30	1	0,7	T	Z	O	P	KO	W
2	JZL	Foreign language A1 or A2		2					20	60	2	0,7	T	Z	O	P	KO	W
3	- - - -	Psychological-sociological module	1				1		20	60	2	0,7	T	Z			S	W
4	- - - -	Legal-economic module II	1	1					20	60	2	0,7	T	Z			S	W
		Total	2	5	0	0	1		80	210	7	2,8						

Groups of optional courses (e.g. name of specialization) (minimum …… hours in semester, ……. ECTS points)

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol **GK**)	lec	cl	lab	pr	sem	Field-of-study educational effect symbol	ZZU	CNPS	total	BK classes[1]	Form[2] of course/group of courses	Way[3] of crediting	university-wide[4]	practical[5]	kind[6]	type[7]
		Total																

Altogether in semester

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[1]
lec	cl	lab	pr	sem				
5	6	2	2	2	170	900	30	5,1

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

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[3]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)

[4]University-wide course /group of courses – enter O

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

[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

[7] Optional – enter W, obligatory – enter Ob

Semester 4

Obligatory courses number of ECTS points …28….

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol **GK**)	lec	cl	lab	pr	sem	Field-of-study educational effect symbol	ZZU	CNPS	total	BK classes[1]	Form[2] of course/group of courses	Way[3] of crediting	university-wide[4]	practical[5]	kind[6]	type[7]
1	ZMZ1612W	International management	1						10	60	2	0,3	T	Z			S	Ob
2	ZMZ1609D	Master thesis II				2			20	330	11	0,0	T	Z		P	S	Ob
3	ZMZ1291W	Small bussiness designing	1						10	30	1	0,3	T	Z			S	Ob
4	ZMZ1291P	Small bussiness designing				1			10	30	1	0,3	T	Z		P	S	Ob
5	ZMZ1409W	Process Management V - efficiency and effectiveness evaluation	1						10	30	1	0,3	T	Z			S	Ob
6	ZMZ1409C	Process Management V - efficiency and effectiveness evaluation		1					10	30	1	0,3	T	Z		P	S	Ob
7	ZMZ1409P	Process Management V - efficiency and effectiveness evaluation				1			10	60	2	0,3	T	Z		P	S	Ob
8	ZMZ1619W	Process Management VI - improving the quality of processes	2						20	60	2	0,7	T	Z			S	Ob
9	ZMZ1619C	Process Management VI - improving the quality of processes		1					10	60	2	0,3	T	Z		P	S	Ob
10	ZMZ1619P	Process Management VI - improving the quality of processes				1			10	60	2	0,3	T	Z		P	S	Ob
11	FBZ1205W	Value Based Management	1						10	60	2	0,3	T	E			K	Ob
12	FBZ1205P	Value Based Management				1			10	30	1	0,3	T	Z		P	K	Ob
		Total	6	2	0	6	0		140	840	28	4,0						

Groups of obligatory courses number of ECTS points …….

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol **GK**)	lec	cl	lab	pr	sem	Field-of-study educational effect symbol	ZZU	CNPS	total	BK classes[1]	Form[2] of course/group of courses	Way[3] of crediting	university-wide[4]	practical[5]	kind[6]	type[7]
		Total																

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

[2]Traditional – enter T, remote – enter Z

[3]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)

[4]University-wide course /group of courses – enter O

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

[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

[7] Optional – enter W, obligatory – enter Ob

Optional courses (minimum …20… hours in semester, …2…. ECTS points)

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol **GK**)	lec	cl	lab	pr	sem	Field-of-study educational effect symbol	ZZU	CNPS	total	BK classes[1]	Form[2] of course/group of courses	Way[3] of crediting	university-wide[4]	practical[5]	kind[6]	type[7]
1		Lecture to choose from	2						20	60	2	0,7	T	Z			S	W
		Total	**2**						**20**	**60**	**2**	**0,7**						

Groups of optional courses (e.g. name of specialization) (minimum …… hours in semester, ……. ECTS points)

No..	Course/group of courses code	Name of course/group of courses (denote group of courses with symbol **GK**)	lec	cl	lab	pr	sem	Field-of-study educational effect symbol	ZZU	CNPS	total	BK classes[1]	Form[2] of course/group of courses	Way[3] of crediting	university-wide[4]	practical[5]	kind[6]	type[7]
		Total																

Altogether in semester

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[1]
lec	cl	lab	pr	sem				
8	**2**	**0**	**6**	**0**	**160**	**900**	**30**	**4,7**

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students
[2]Traditional – enter T, remote – enter Z
[3]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)
[4]University-wide course /group of courses – enter O
[5]Practical course / group of courses – enter P. For the group of courses – in brackets enter the number of ECTS points assigned to practical courses
[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization
[7] Optional – enter W, obligatory – enter Ob

2. Set of examinations in semestral arrangement

Course code	Names of courses ending with examination	Semester
ZMZ1607W	Management concepts	1
ZMZ1576W	Strategic Management	1
MAZ1142W	Operations Research	2
ZMZ1616W	Process Management I - process design methodology and tools	2
ZMZ1622W	Process management IV – Logistics Processes	3
FBZ1205W	Value Based Management	4

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

Semester	Allowable deficit of ECTS points after semester
1	11
2	16
3	9
4	0

[1]BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

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[3]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)

[4]University-wide course /group of courses – enter O

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

[6] KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

[7] Optional – enter W, obligatory – enter Ob

Opinion of student government legislative body

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Date Name and surname, signature of student representative

....

Date Dean's signature