# **PLAN OF STUDIES**

FACULTY: FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY

MAIN FIELD OF STUDY: APPLIED COMPUTER SCIENCE

**EDUCATION LEVEL:** second-level studies

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

**PROFILE:** general academic

**SPECIALIZATION:** Computer Engineering (CE)

**LANGUAGE OF STUDY:** English

In effect since 2024/2025

<sup>\*</sup>delete as applicable

# Plan of studies structure (optionally): 1) in ECTS point layout

	CNPS ECTS	CNPS ECTS	CNPS ECTS	
	770 30	770 30	760 30	
	Methods of planning and analyzing experiments	Monographic project		
26	30 1 ECTS	50 <b>2</b> ECTS		26
		Farsing Language I		
25	Foreign Language II	Foreign Language I 30 1 ECTS		25
24	60 <b>2</b> ECTS	Fundamentals of Business and Intellectual Property		24
23		90 3 ECTS		23
	Physics of Contemporary Comp. Science			
22	30 1 ECTS	Recent Advances in Computer Science		22
		50 2 ECTS		
21				21
20	Analysis of Web-based Systems			20
19	<b>100</b> (50+50) <b>5</b> (2+3) ECTS	Advanced Tenter to Aut Cetal Intelligence		19
18		Advanced Topics in Artificial Intelligence  175 (75+75+25)  7 (3+3+1) ECTS		18
17		7 (5+5+1) EC13		17
16	Advanced Databases			16
15	<b>150</b> (75+75) <b>6</b> (3+3) ECTS			15
14				14
13		Project Management		13
12		<b>125</b> (50+50+25) <b>5</b> (2+2+1) ECTS	MSc Thesis	12
12	Software System Development		<b>450 18</b> ECTS	12
11			Diploma Seminar	11
10	<b>150</b> (75+50+25) <b>6</b> (3+2+1) ECTS		<b>50 2</b> ECTS	10
9			Ethics of new technologies	9
		User experience	<b>60 2</b> ECTS	
8	-	<b>150</b> (50+100) <b>6</b> (2+4) ECTS		8
7	Advanced Cybersecurity Issues		Video game design	7
6	<b>125</b> (50+25+50) <b>5</b> (2+1+2) ECTS		<b>100</b> (50+50) <b>4</b> (2+2) ECTS	6
5				5
4		Research Methodology		4
3	Foundations of Knowledge Engineering	<b>100</b> (25+50+25) <b>4</b> (1+2+1) ECTS	Mobile and Multimedia Systems	3
2	<b>100</b> (50+25+25) <b>4</b> (2+1+1) ECTS		<b>100</b> (50+50) <b>4</b> (2+2) ECTS	2
1				1
Sem.	ı	II	III	razem
Tydz./sem.	28/420	27/405	11,8/177	62,8/1002

# 2) in hourly layout:

	CNPS ECTS	CNPS ECTS	CNPS ECTS	
	770 30	770 30	760 30	
	-			
28	Methods of planning and analyzing experiments 10000			
27		Monographic project		
26	Foreign Language II	00002		26
25	03000	Foreign Language B2+ lub C1+ 01000		25
24	Physics of Contemporary Comp. Science <b>10000</b>	Fundamentals of Business and Intellectual Property		24
23		20000		23
22	Analysis of Web-based Systems 20020	Recent Advances in Computer Science		22
21	20020	00002		21
20				20
19		Advanced Topics in Artificial Intelligence		19
18	Advanced Databases	20021 E		18
17	20020 E			17
16				16
15				15
14				14
13	Software System Development	Project Management		13
12	20021 E	20021	MSc Thesis <b>000(8)0</b>	12
11			Diploma Seminar	11
10			00002	10
9	Advanced Cybersecurity Issues	User experience	Ethics of new technologies <b>00001</b>	9
8	20012	20030 E		8
7			Video game design (GK)	7
6			20020	6
5				5
4				4
3	Foundations of Knowledge Engineering <b>21002</b>	Research Methodology <b>20201</b>	Mobile and Multimedia Systems (GK)	3
2			20020	2
1				1
Sem.	I	II	III	razem
Tydz./sem.	28/420	27/405	11,8/177	66,8/1002

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

Semester 1

Obligatory subjects / groups of classes: Mathematics and Physics Number of ECTS points 2

No.	Subject /	Name of subject / groups of	Weekly number of hours  Lea		Learning effect symbol	Numb hou		Nun	nber of E points	CTS	Form <sup>2</sup> of subject	Way <sup>3</sup>	Sı	ıbject / grou	ıps of class	es			
	groups of classescode	classes (denote group of courses with symbol <b>GK</b> )	lec	cl	lab	pr	sem	Learning effect symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU¹ classes	groups of classes	of crediti ng	Unive rsity- wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	W04IST- SM4015W	Physics of Contemporary Computer Science	1					K2IST_W01	15	30	1	0	0,7	Т	Z			0	PD
2	W04IST- SM4020W	Methods of planning and analyzing experiments	1					K2IST_W01	15	30	1	0	0,7	Т	Z			0	PD
		Total	2						30	60	2	0	1,4					0	

## Optional subjects / groups of classes: Foreign Languages (minimum 45 hours in semester, 2 ECTS points)

No.	Subject /	N	V	/eekly	numbe	er of h	ours		Number	of hours	Numb	er of EC	ΓS points	Form <sup>2</sup> of	Wav <sup>3</sup>	Su	bject / grou	ps of class	es
	groups of classescode	Name of subject / groups of classes (denote group of courses with symbol <b>GK</b> )	lec	cl	lab	pr	sem	Learning effect symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	subject / groups of classes	of crediti ng	Unive rsity- wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	SJO- SM0002	Foreign Language II		3				K2IST_U12	45	60	2	0	1,7	Т	Z	0		3	ко
		Total		3					45	60	2	0	1,7					3	

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

### Optional courses / groups of courses: Computer Engineering Specialization (minimum 315 hours in semester, 26 ECTS points)

No.	Course/	Name of course/group of courses					Learning effect	Num ho	ber of urs	Numb	er of ECT	ΓS points	Form <sup>2</sup> of	Way <sup>3</sup>	(	Course/grou	ıp of course	es	
	group of courses code	(denote group of courses with symbol <b>GK</b> )	lec	cl	lab	pr	sem	symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	course/group of courses	of crediti ng	Univers ity- wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	W04IST- SM4032G	Software System Development (GK)	2			2	1	K2IST_W02 K2IST_W06 K2IST_W07 K2IST_U01 K2IST_U10 K2IST_U11, K2IST_U06, K2IST_U08 K2IST_U13 K2IST_U13	75	150	6	5	3,6	T/Z (W, S) T (P)	E (W)		Т	3	S
2	W04IST- SM4033G	Foundations of Knowledge Engineering (GK)	2	1			2	K2IST_W05 K2IST_U05	60	100	4	3	3,3	T/Z (W, S) T (C)	Z (W)		Т	2	S
3	W04IST- SM4018G	Advanced Databases (GK)	2			2		K2IST_W05 K2IST_W07 K2IST_U03 K2IST_U05 K2IST_U08	60	150	6	5	2,9	T/Z (W) T (P)	E (W)		Т	3	S
4	W04IST- SM4031G	Advanced Cybersecurity Issues (GK)	2			1	2	K2IST_W06 K2IST_U01 K2IST_U10 K2IST_U11	60	125	5	4	3,6	T/Z (W, S) T (P)	Z (W)		Т	3	S
5	W04IST- SM4038G	Analysis of Web-based System (GK)	2			2		K2IST_W02 K2IST_W07 ,K2IST_U03	60	125	5	4	2,7	T/Z (W) T (P)	Z (W)		Ţ	3	
		Total	10	1	0	7	5		315	650	26	21	16,1					14	

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

#### Altogether in semester

	Total 1	number o	f 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					
12	4	0	7	5	420	770	30	21	19,2

#### **Semester 2**

# Obligatory subjects / groups of classes: Humanities and management subjects Number of ECTS points 2

No	Subject /	Name of subject / groups of	W	eekly r	numbei	of hou	ırs	Learning effect	_	ber of urs	Numb	er of ECTS	points	Form <sup>2</sup> of subject		Sul	oject / grou	ps of classe	s
	groups of classescode	classes (denote group of courses with symbol <b>GK</b> )	lec	cl	lab	pr	sem	symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	groups of classes	Way <sup>3</sup> of crediting	University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	W08IST- SM4018W	Fundamentals of Business and Intellectual Property	2					K2IST_W08 K2IST_K02	30	90	3	0	1,2	Т	Z	0		0	ко
		Total	2	0	0	0	0		30	90	3	0	1,2					0	

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

#### Optional subjects / groups of classes: Foreign Languages (minimum 15 hours in semester, 1 ECTS points)

No.	Subject /	Name of subject / groups of classes	W	eekly 1	numbei	of hou	ırs	Learning		ber of urs	Numbe	er of ECTS	S points	Form <sup>2</sup> of		Sul	oject / grou	ps of classe	rs
	groups of classescode	(denote group of courses with symbol <b>GK</b> )	lec	cl	lab	pr	sem	effect symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	subject / groups of classes	Way <sup>3</sup> of crediting	University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	SJO- SM0001	Foreign Language I		1				K2IST_U12	15	30	1	0	0,7	Т	Z	0		1	КО
		Total	0	1	0	0	0		15	30	1	0	0,7					1	

## Optional subjects / groups of classes: Main Field of Study (minimum 30 hours in semester, 2 ECTS points)

No.	Subject group of	Name of Subjectgroup of classes	V	Veekly	numbe	er of hou	rs	Learning effect		per of urs	Numb	er of EC	ΓS points	Form <sup>2</sup> of Subjectgr	Way³ of	Sı	ubjectgroup	of classes	
	classes code	(denote group of courses with symbol <b>GK</b> )	lec	cl	lab	pr	sem	symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	oup of courses	crediting	Universi ty-wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
6	W04IST- SM4039P	Monographic project				2		K2IST_U01 K2IST_U04 K2IST_U09 K2IST_U14 K2IST_K01	30	50	2	1	1,5	Т	Z		Т	2	К
		Total	0	0	0	2	0		30	50	2	1	1,5					2	

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

### Optional courses / groups of courses: Computer Engineering Specialization (minimum 360 hours in semester, 26 ECTS points)

No.	Course/	Name of course/group of courses					Learning effect		ber of urs	Numbe	er of EC	ΓS points	Form <sup>2</sup> of			Course/gro	oup of cours	ses	
	group of courses code	(denote group of courses with symbol <b>GK</b> )	lec	cl	lab	pr	sem	symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	course/gr oup of courses	Way <sup>3</sup> of crediting	Univ ersity - wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	W04IST- SM4026G	User Experience (GK)	2			3		K2IST_W02 K2IST_W06 K2IST_U06 K2IST_U09	75	125	5	4	3,4	T/Z (W) T (P)	E (W)		Т	2	S
2	W04IST- SM4034G	Project Management (GK)	2			2	1	K2IST_W02 K2IST_W06 K2IST_U07 K2IST_U13 K2IST_K04	75	125	5	4	3,3	T/Z (W, S) T (P)	Z (W)		Т	3	S
3	W04IST- SM4003G	Advanced Topics in Artificial Intelligence (GK)	2			2	1	K2IST_W03 K2IST_W04 K2IST_U02 K2IST_U04	75	175	7	6	3,5	T/Z (W, S) T (P)	E (W)		Т	4	S
4	W04IST- SM4035S	Recent Advances in Computer Science					2	K2IST_W03 K2IST_U01 K2IST_U10 K2IST_U11 K2IST_K01	30	50	2	2	1,3	T/Z (S)	Z		Т	2	S
5	W04IST- SM4030G	Research Methodology (GK)	2		2		1	K2IST_W01 K2IST_W04 K2IST_W07 K2IST_U02 K2IST_U03	75	125	5	3	3,2	T/Z (W, S) T (L)	Z (W)		Т	3	S
		Total	8	0	2	7	5		330	600	24	19	14,7					14	

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

#### Altogether in semester

	То	tal numb	er 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	1	2	9	5	405	770	30	20	18,1

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

#### **Semester 3**

# Obligatory subjects / groups of classes: Humanities and management subjects Number of ECTS points 2

No.	Subject /	Name of subject / groups of	W	eekly 1	numbe	r of ho	urs	Learning effect		ber of urs	Numbe	er of ECTS	5 points	Form <sup>2</sup> of		Sul	oject / grou	ps of classe	s
	groups of classescode	classes (denote group of courses with symbol <b>GK</b> )	lec	cl	lab	pr	sem	symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	subject / groups of classes	Way <sup>3</sup> of crediting	University -wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	W08IST- SM4017S	Ethics of New Technologies					1	K2IST_W09 K2IST_U11 K2IST_K03	15	60	2	0	0,7	T	Z	0		2	КО
		Total	0	0	0	0	1		15	60	2	0	0,7					2	

#### Optional subjects / groups of classes: Main Field of Study (minimum 30 hours in semester, 2 ECTS points)

No.	Subject group of	Name of Subjectgroup of classes	Weekly number of hours		N Learning effect		Number of hours		Number of ECTS points			Way³ of	Subjectgroup of classes						
	classes code	(denote group of courses with symbol <b>GK</b> )		cl	lab	pr	sem	symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	oup of courses	crediting	Universi ty-wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	W04IST- SM4040D	Master Thesis				0,8		K2IST_U01 K2IST_U04 K2IST_U09 K2IST_U14 K2IST_K02	12	450	18	15	0,5	Т	Z		Т	18	К
2	W04IST- SM4013S	Diploma seminar					2	K2IST_U01 K2IST_U10 K2IST_U11 K2IST_U14 K2IST_K01	30	50	2	1	1,4	T/Z (S)	Z		Т	2	К
		Total	0	0	0	0,8	2		42	500	20	16	1,9					20	

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

#### Optional courses / groups of courses (minimum 158 hours in semester, 28 ECTS points)

No.	Course/	Name of course/group of courses (denote group of courses with		Weekly number of hours			Learning effect	Number of hours		Number of ECTS points			Form <sup>2</sup> of	Way <sup>3</sup>	Course/group of courses				
	group of courses code			cl	lab	pr	sem	symbol	ZZU	CNPS	Total	DN <sup>5</sup> classes	BU <sup>1</sup> classes	course/gr oup of courses	of crediti ng	Univers ity- wide <sup>4</sup>	Concerni ng scientific activities <sup>5</sup>	Practical <sup>6</sup>	Type <sup>7</sup>
1	W04IST- SM4035G	Mobile and Multimedia Systems (GK)	2			2		K2IST_W06 ,K2IST_U06	60	100	4	2	2,8	T/Z (W) T (P)	Z (W)		Т	2	S
2	W04IST- SM4037G	Video Game Design (GK)	2			2		K2IST_W06 ,K2IST_U06	60	100	4	2	2,8	T/Z (W) T (P)	Z (W)		Т	2	S
	•	Total	4	0	0	4	0		120	200	8	4	5,6					4	

#### 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						
4	0	0	4,8	3	177	760	30	20	8,2	

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

#### 2. Set of examinations in semestral arrangement

Subject / groups of classescode	Names of subjects / groups of classesending with examination	Semester
W04IST-SM4032G	Software System Development (GK)	1
W04IST-SM4018G	Advanced Databases (GK)	1
W04IST-SM4003G	Advanced Topics in Artificial Intelligence (GK)	2
W04IST-SM4026G	User Experience (GK)	2

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

Semester	Allowable deficit of ECTS points after semester
1	9
2	8
3	0

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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

Opinion of student government legis	slative body
Date	Name and surname, signature of student representative
Date	Dean's signature

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

<sup>&</sup>lt;sup>3</sup>Exam – 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)

<sup>&</sup>lt;sup>4</sup>University-wide subject /group of classes – enter O

<sup>&</sup>lt;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>&</sup>lt;sup>6</sup>Practical subject / group of classes – enter P. For the group of classes – in brackets enter the number of ECTS points assigned to practical courses

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