

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ AP/15		<b>Name:</b> Architektúra počítačov			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 0 / 1 <b>For the study period:</b> 26 / 0 / 13 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 115					
A	B	C	D	E	FX
13.04	20.87	21.74	16.52	23.48	4.35
<b>Teacher:</b> prof. Dr. Imrich Okenka, PhD., Ing. Ondrej Takáč, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ ASB/15		<b>Name:</b> Aplikáčné softvérové balíky			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 0 / 2 <b>For the study period:</b> 0 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> Dr. habil. András Molnár, PhD., Ing. Ondrej Takáč, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ BEI/15		<b>Name:</b> Bezpečnosť a ergonómia v IKT			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 1 / 1 <b>For the study period:</b> 0 / 13 / 13 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 36					
A	B	C	D	E	FX
72.22	11.11	8.33	2.78	2.78	2.78
<b>Teacher:</b> Dr. Gábor Kiss, PhD., PaedDr. Ákos Valent					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ DEI/15		<b>Name:</b> Dejiny informatiky a IKT			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 350					
A	B	C	D	E	FX
31.71	13.43	12.57	15.43	18.57	8.29
<b>Teacher:</b> prof. Ing. Veronika Stoffová, CSc., Dr. Gábor Kiss, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

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<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Idb/ DM/15	<b>Name:</b> Discret Mathematics
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 2 / 0 <b>For the study period:</b> 13 / 26 / 0 <b>Methods of study:</b> present	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester of study:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b>	
<b>Results of education:</b>	
<b>Brief syllabus:</b> Introduction to the Discrete Mathematics, Peano axioms, principle of Mathematical induction. Set Theory – basic terms, set operations. Relations and mappings, composition of mappings, equivalence relation. Cardinality of sets, finite and nonfinite sets, computable sets. Combinatorics – combinations and variations (with and without repetition). Permutations (with and without repetition), combinatorial identities. Binomial and Polynomial theorem. Inclusion–exclusion principle, Pigeonhole principle. Propositions and logical operations, tautologies. Boolean algebra – binary Boolean functions, realization of Boolean functions by formulas. Equivalence of Boolean formulas, properties of elementary Boolean functions, principle of duality. Canonic form of Boolean functions, full disjunctive normal form. Functional completeness and closure, most important closed classes, Completeness theorem. Minimization of Boolean functions.	
<b>Literature:</b> JABLONSKIJ, S. V.: Úvod do diskkrétnej matematiky. Bratislava : Alfa, 1984., 278 s. JABLONSKIJ, S. V. a kol.: Diszkrét matematika a számítástudományban. Budapest : Műszaki Könyvkiadó, 1980. 354 s. ISBN 978-963-1025-99-3 SZENDREI, Á.: Diszkrét matematika. Szeged : Polygon, 1998. 380 s. ISSN 1417-0590. LOVÁSZ, L.: Kombinatorikai problémák és feladatok. Budapest : Typotex, 2008. 670 s. ISBN 978-963-9664-93-7. LOVÁSZ, L. – VESZTERGOMBI, K. – PELIKÁN, J.: Diszkrét matematika. Budapest : Typotex, 2006. 292 s. ISBN 978-963-9664-02-9.	
<b>Language, knowledge of which is necessary to complete a course:</b>	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 550	

A	B	C	D	E	FX
12.91	9.09	16.73	15.09	21.09	25.09
<b>Teacher:</b> doc. RNDr. János Tóth, PhD., RNDr. Štefan Gubo, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ DS1/15		<b>Name:</b> Databázové systémy 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 0 / 2 <b>For the study period:</b> 13 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester of study:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 252					
A	B	C	D	E	FX
11.9	13.89	20.63	20.63	19.84	13.1
<b>Teacher:</b> Dr. habil. Attila Elemér Kiss, CSc., Ing. Ondrej Takáč, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

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<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ DS2/15		<b>Name:</b> Databázové systémy 2			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 0 / 2 <b>For the study period:</b> 0 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> During the semester, midterm tests are written by students. Based on the average of the results: above 90% A, between 80 to 90% B, 70-80% C, 60-70% D, 50-60% E below 50% FX.					
<b>Results of education:</b> The purpose of the course is to learn about dynamic web pages. During the class, students learn to use HTML, PHP and MySQL environments.					
<b>Brief syllabus:</b> The student learns the basics of PHP language and working with database during the semester. PHP and SQL skills: PHP language, control structures. PHP and HTML / CSS relationship. Functions usage. Using arrays in PHP. Strings. File manipulation. SQL Language Reference. The relationship between MySQL and PHP. Create and optimize specific applications.					
<b>Literature:</b> SIMON, A.: Alkalmazások fejlesztése Accesben: Budapest: Panem, 2002. 268 s. – ISBN 9635453280. HERNANDEZ, M. J.: Adatbázis-tervezés: Addison-Wesley, 2004. – 428 s. – ISBN 963 9301 75 2. BÁRTFAI, B.: Adatbáziskezelés: Budapest: 2002. 136s. ISBN 963 003444 1. PIZZO, D. - ALBERICO, D. - LUCARELLY, F.: Adatbáziskezelés és hálózati ismeretek. Szeged: 2F iskola 2010. WILLIAMS, L.: PHP a MySQL, ComputerPress, 2003, 530 s. ISBN 80 7226 760 4. KENDE, M. – KOTSIS, D. – NAGY, I.: Adatbázis-kezelés az Oracle rendszerben: Budapest: Panem, 2002. 610 s. – ISBN 963 545 347 7.					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 127					
A	B	C	D	E	FX
39.37	20.47	11.81	13.39	11.81	3.15

**Teacher:** Dániel Zoltán Stojsics, PhD.

**Date of last update:** 21.11.2014

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

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<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ GED/15		<b>Name:</b> Počítačová grafika 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 0 / 2 <b>For the study period:</b> 0 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 193					
A	B	C	D	E	FX
64.25	27.46	6.74	0.52	1.04	0.0
<b>Teacher:</b> Dr. habil. József Zoltán Kató, DSc., RNDr. Štefan Gubo, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ HW/15		<b>Name:</b> Počítačový hardvér			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 0 / 2 <b>For the study period:</b> 0 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 2.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 122					
A	B	C	D	E	FX
36.89	22.13	16.39	9.84	10.66	4.1
<b>Teacher:</b> Dániel Zoltán Stojcsics, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ IS/15		<b>Name:</b> Informačná spoločnosť			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 1 / 1 <b>For the study period:</b> 0 / 13 / 13 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> Dr. Gábor Kiss, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ OBP/15		<b>Name:</b> Bachelor Thesis			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> <b>Recommended extent of course ( in hours ):</b> <b>Per week: For the study period:</b> <b>Methods of study:</b> present					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester of study:</b> 5., 6..					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b>					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ OS/15		<b>Name:</b> Operating Systems			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 0 / 2 <b>For the study period:</b> 13 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 239					
A	B	C	D	E	FX
15.9	22.59	17.57	20.5	18.41	5.02
<b>Teacher:</b> prof. Dr. Annamária Várkonyiné Kóczy, DSc., Ing. Ondrej Takáč, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Idb/ OT/15	<b>Name:</b> Odborná terminológia
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> During the semester students study the original information resources of computer science and informatics from relevant books and Internet sources. Attention is drawn to the frequent terminological errors and deficiencies in computer science and information technology. Students are working on their final thesis throughout the semester. At the beginning of the semester is clearly defined input and method of classification. Students present their semester works in front of their classmates, after which is included a discussion. During the semester is monitored also student activity in the seminars. Active students receive a bonus, which is added to the overall assessment of the student. The course is ended classified credit. Classification is determined by the quality of semester work and its presentation level, with the addition of the bonus obtained per semester. Students must get at least the 50% score for granting credits for the subject. For obtaining the classification A must be obtained at least 90%, at least 80% for B, for C at least 70%, at least 60% for D, for E at least 50%. The student has the opportunity to improve the classification by correcting or reprocessing of their semester work.	
<b>Results of education:</b> During the semester the students become familiar with the terminology as a scientific discipline interdisciplinary nature of its basic rules and laws and to acquire basic literacy and culture terminology. The main focus is on ideal and real terms comparison and terminology of the area of Informatics, the source of terminological information, acquisition of competence for independent terminology work and terminology common errors and deficiencies in the multilingual context.	
<b>Brief syllabus:</b> Introduction to the scientific and technical terminology. Basic terminology of common terminology as a scientific discipline. Terminological literacy and culture of scientist informatics. Properties of an ideal term. Properties of real terms. Terminological system of Informatics. Special aspects of the terms (educational, etymological, intercultural et al.). Ways of creating terms and taking over the terms from other languages. Influence of English language to terminology of Informatics. Terminological resources of information and their assessment.	

Normalisation and growing of terminology.

The most commonly terminological errors and deficiencies in the presentations.

Terminological work of scientist informatics in lifelong practice.

**Literature:**

1. BALÁZS, G.: Informatikai technológia és nyelvhasználat : Válogatás a Nemzeti Kulturális Örökség Minisztériuma anyanyelvi pályázatából. 1. vyd. Budapest : Trezor kiadó, 2002. 247 s. ISBN 963 9078 60 9.
2. BÁRTFAI, B.: Az információ technológiai alapfogalmai : ECDL. Budapest : BBS-INFO, 2003. 146 s. ISBN 9638623209.
3. DANCSÓ, T.: Az informatika alapjai. Budapest : Kossuth, 2000. 144 s. ISBN 963 09 4157 0.
4. Dési, I. – Nagy, I.: Informatikai fogalmak kisszótára. Budapest : Korona, 2001. 248 s. ISBN 9639376167.
5. FAZEKAS, K.: Angol nyelvű számítástechnikai olvasókönyv. Budapest : Számalk, 2002. 96 s. ISBN 963553356X.
6. KECSKÉS, Zs. - SZLÁVI, P.: Számítástechnikai szótár. Budapest : Kossuth, 1999. 208 s. ISBN 9630941023.
7. KIS, Á.: Mi micsoda magyarul a számítástechnikában. Budapest : Alfaprint Nyomdaipari Kiszövetkezet, 1986. 172 s. ISBN 9633330165x.
8. KIS, B. – KIS, Á.: Angol - magyar informatikai fordítói szótár. Bicske : Szak, 2003. 214 s. ISBN 9639131490.
9. KOVÁCS, M.: Bevezetés a Számítástechnikába. Budapest : LSI Oktatóközpont, 2002. 368 s. ISBN 963 577 270 X.
10. KOVÁTS, L. - SZEKERKE, T. – SZÉLI, B.: A számítógépes grafika kisszótára. VIRGIL, 2000. 196 s. ISBN 9630050412.
11. KÖVEGY, A. - MANDEL, Gy. – ZOLNAI, M.: Internet kisszótár. Budapest : Kossuth, 2003. 144 s. ISBN 9630939045.
12. LUKÁCS, J.: A lyukszalagtól az informatikáig. KFKI, 2003. 160 s. ISBN 9639276324.
13. PERÉNYI, M.: Hardver. Budapest : Typotex Elektronikus Kiadó Kft., 2003. 132 s. ISBN 9639326089.
14. SOBIESKI, A.: Angol-Magyar számítástechnikai szótár. Distance, 2003. 208 s. ISBN 9630060256.
15. STOFFA, V.: Az informatika alapjai I. (Základy informatiky). Apáczai közalapítvány, 2007. 268 s. ISBN 978-80-89234-29-5.
16. STOFFOVÁ, V. - CZAKÓOVÁ, K. – VÉGH, L. XXV. DIDMATTECH 2012 : ABSTRACTS - ABSTRAKTÝ. 1. vyd. Brno : Librix, 2012. 102 s. ISBN 978 80 8122 045 6.
17. STOFFOVÁ, V. - MASTALERZ, E. – NOGA, H. XXIV DIDMATTECH 2011 : Problems in teachers education . 1. vyd. Krakow : Institute of Technology, 2011. 270 s. ISBN 978-83-7271-679-8.
18. STOFFOVÁ, V.: Az informatika alapjai II. : A számítógépes hálózatok. 1. vyd. Komárno : UJS, 2010. 140 s. ISBN 978-80-89234-65-3.
19. STOFFOVÁ, V.: Informatika. Informačné technológie a výpočtová technika. Nitra : Prírodovedec, 2001. 230 s. ISBN 80-8050-450-4.
20. STOFFOVÁ, V.: Počítač univerzálny didaktický prostriedok. 1. vyd. Nitra, 2004. 173 s. ISBN 80 8050 765 1.
21. ŠIMOVÁ, V.: Nemecko-slovenský Slovensko-nemecký slovník z knižnienej vedy a informatiky. Martin : Matica slovenská, 1980. 416 s. ISBN 0004420.
22. Conference books: Termina, DIDMATTECH a i.

**Language, knowledge of which is necessary to complete a course:**

Hungarian language, Slovak language

**Notes:**

none

**Evaluation of subjects**

Total number of evaluated students: 225

A	B	C	D	E	FX
38.67	24.0	15.11	10.22	7.11	4.89

**Teacher:** PaedDr. Krisztina Czakoóová, PhD.**Date of last update:** 21.11.2014**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ PEI/15		<b>Name:</b> Právo a etika pri využívaní IKT			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> prof. Ing. Veronika Stoffová, CSc., PaedDr. Ákos Valent					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ PER/15		<b>Name:</b> Periférne zariadenia počítačov			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 0 / 1 <b>For the study period:</b> 13 / 0 / 13 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> Dr. habil. András Molnár, PhD., PaedDr. Ladislav Végh					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Idb/ PP/15	<b>Name:</b> Propedeutika programovania
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 0 / 2 <b>For the study period:</b> 0 / 0 / 26 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> During the semester students gain experience in programming in the microworld Imagine Logo and create custom animation in a graphical environment LogoMotion. Students from the mid-semester independently solve the programming tasks - semestral project of which outcome should be an own didactical project in Imagine. During the semester, students have the opportunity to consult his project (phase of creation) with teacher. At the end of the semester they submit the finished educational software (the electronic version), that is evaluated. Students must before classmates present and defend their project by an open discussion. Students are classified according to the average obtained in the overall assessment of the continuous preparing during the semester (50%) and according to the project (50%). For obtaining the classification A must be obtained at least 90% share of average, at least 80% for B, for C at least 70%, at least 60% for D, for E at least 50%. Credits for subject will not be assigned for the student, who is not at least 50% successful of the individual parts.	
<b>Results of education:</b> After successful completion of the course the student acquire an overview about the possibilities of teaching programming at the different types schools and levels of education through children's programming languages (microworlds), which can help in developing algorithmic thinking and acquire programming experiences in a playful way.	
<b>Brief syllabus:</b> <ul style="list-style-type: none"> <li>• Teaching programming at different levels and degrees of education.</li> <li>• Place children's programming languages in the educational process.</li> <li>• Turtle Graphics - turtle, animated turtle.</li> <li>• LogoMotion - animation, timing, phase of turtles.</li> <li>• Basic control commands and elements of the program Imagine.</li> <li>• Data types - variables, texts, buttons and work with them.</li> <li>• Commands for the individual objects.</li> <li>• Sub-programs - their own procedures.</li> <li>• Events of individual objects, event response.</li> <li>• Conditions for process control.</li> <li>• Overlapping of objects, object testing.</li> <li>• Multimedia options of the Imagine environment - working with the sound and video.</li> </ul>	

- Planning and implementation of projects - didactical applications.

**Literature:**

1. FARKAS, K.: ComLogo példatár : Tematikus feladatsor a Logo tanuláshoz . Gyula : APC-Stúdió BT., 2004. 120 s. ISBN 963 9135 70 4.
2. STOFFA, V.: Algoritmizáció és programozás. (Algoritmizácia a programovanie) 1. kiadás, Komárom : Selye János Egyetem, Tanárképző Kar, 2005. 174 s. ISBN 80-969251-7-2.
3. TÓTH, P.: Gondolkodásfejlesztés az informatika oktatásban. Ligatura, 2004. 60 s. ISBN 9638611324xy.
4. VANKÓ, P.: Érdekes feladatok és játékok gyűjteménye mikrovilág környezetben. (Zbierka zaujímavých úloh a hier v prostredí Imagine). Komárno : Selye János Egyetem, 2010. DM.3784-PF.10.30A.6D. 43 s.
5. <http://imagine.elte.hu/> [online]
6. <http://imagine.infovek.sk> [online]
7. <http://logo.sulinet.hu/> [online]

**Language, knowledge of which is necessary to complete a course:**

Hungarian language, Slovak language

**Notes:**

none

**Evaluation of subjects**

Total number of evaluated students: 132

A	B	C	D	E	FX
36.36	19.7	12.12	8.33	15.15	8.33

**Teacher:** PaedDr. Krisztina Czakóová, PhD.

**Date of last update:** 21.11.2014

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ PR1/15		<b>Name:</b> Programming 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 0 / 2 <b>For the study period:</b> 26 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 405					
A	B	C	D	E	FX
15.56	12.59	16.05	21.48	24.94	9.38
<b>Teacher:</b> Dr. habil. Attila Elemér Kiss, CSc., PaedDr. Krisztina Czakóová, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ PR2/15		<b>Name:</b> Programming 2			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 0 / 2 <b>For the study period:</b> 26 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 2.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 551					
A	B	C	D	E	FX
12.34	12.16	15.43	20.87	21.23	17.97
<b>Teacher:</b> Dr. habil. Attila Elemér Kiss, CSc., PaedDr. Ladislav Végh					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ PR3/15		<b>Name:</b> Programming 3			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 0 / 2 <b>For the study period:</b> 13 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 404					
A	B	C	D	E	FX
21.29	15.1	15.35	18.32	21.53	8.42
<b>Teacher:</b> Dr. habil. András Molnár, PhD., PaedDr. Ladislav Végh					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ PR4/15		<b>Name:</b> Programming 4			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 0 / 2 <b>For the study period:</b> 0 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 238					
A	B	C	D	E	FX
25.21	21.01	20.59	15.13	15.13	2.94
<b>Teacher:</b> PaedDr. Ladislav Végh					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ PR5/15		<b>Name:</b> Programming 5			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 125					
A	B	C	D	E	FX
25.6	20.0	28.0	8.8	15.2	2.4
<b>Teacher:</b> Sándor Szénási, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ PS/15		<b>Name:</b> Computer networks			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 0 / 1 <b>For the study period:</b> 26 / 0 / 13 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 347					
A	B	C	D	E	FX
10.37	10.95	24.5	19.88	24.5	9.8
<b>Teacher:</b> prof. Dr. Imrich Okenka, PhD., Dániel Zoltán Stojcsics, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ ŠSBc/15		<b>Name:</b> Informatics			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> <b>Recommended extent of course ( in hours ):</b> <b>Per week: For the study period:</b> <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 5., 6..					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b>					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ TAP/15		<b>Name:</b> Tvorba aplikácií			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 0 / 2 <b>For the study period:</b> 0 / 0 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 310					
A	B	C	D	E	FX
34.84	25.81	20.32	11.61	3.55	3.87
<b>Teacher:</b> Sándor Szénási, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Idb/ TAZ/15	<b>Name:</b> Algorithm and Complexity Theory
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester of study:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b>	
<b>Results of education:</b>	
<b>Brief syllabus:</b> Algorithm, properties of algorithms. Correctness of algorithms, proving correctness of algorithms. Complexity of algorithms – time and space complexity. Asymptotic complexity. Algorithms for searching in sorted array. Linear and Binary search. Sorting algorithms and their complexity: Bubble Sort, Insertion Sort, Binary Insertion Sort, Selection Sort. Sorting algorithms and their complexity: Merge Sort, Quick Sort, Heap Sort. Sorting algorithms and their complexity: Counting Sort, Radix Sort, Bucket Sort. Hash tables and their use. Hash functions. Mathematical models of computers: Turing machine. Mathematical models of computers: RAM Computation Theory - recursively enumerable and recursive languages, and partial recursive and recursive functions. Church–Turing thesis. Complexity classes P and NP. NP-complete problems. The NPC class. Algorithmically unsolvable problems, the Halting problem for Turing machines.	
<b>Literature:</b> WIRTH, N.: Algoritmy a štruktúry údajov. Bratislava : Alfa, 1989. 488 s. ISBN 80-05-00153-3. RÓNYAI, L. – IVANYOS, G. – SZABÓ, R.: Algoritmusok. Budapest : Typotex, 2005. 350 s. ISBN 978-963-2790-14-5. CORMEN, T. H. – LEISERSON, CH. E. – RIVEST, R. L.: Algoritmusok. Budapest : Műszaki Könyvkiadó, 2003. 884 s. ISBN 978-963-1630-29-9. CORMEN, T. H. – LEISERSON, CH. E. – RIVEST, R. L. – STEIN, C.: Új algoritmusok. Budapest : Scholar Kft., 2003. 992 s. ISBN 978-963-9193-90-1.	
<b>Language, knowledge of which is necessary to complete a course:</b>	
<b>Notes:</b>	
<b>Evaluation of subjects</b>	

Total number of evaluated students: 239

A	B	C	D	E	FX
25.52	8.79	19.25	17.99	21.76	6.69

**Teacher:** Dr. habil. József Zoltán Kató, DSc., RNDr. Štefan Gubo, PhD.

**Date of last update:** 21.11.2014

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Idb/ TFJ/15	<b>Name:</b> Theory of Formal Languages
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 2 / 0 <b>For the study period:</b> 13 / 26 / 0 <b>Methods of study:</b> present	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester of study:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b>	
<b>Results of education:</b>	
<b>Brief syllabus:</b> Introduction to the Theory of Formal Languages and Automata, basic terms. The Chomsky hierarchy of grammars, the Chomsky hierarchy of languages. Regular languages – basic terms. Nondeterministic and deterministic finite automata. Connection between regular grammars and finite automata. Regular expressions. Pumping lemma for regular languages. Context-free languages – basic terms. Push-down automata, nondeterminism of push-down automata. Equivalence between context-free languages and push-down automata. Pumping lemma for context-free languages. Top-down parsing, bottom-up parsing.	
<b>Literature:</b> GUBO, Š.: Formális nyelvek és automaták. Komárno : Univerzita J. Selyeho, 2015. 131 s. ISBN 978-80-8122-148-4. DEMLOVÁ, M. – KOUBEK, V.: Algebraická teorie automatů. Praha : SNTL, 1990., 288 s. ISBN 978-80-03-00348-2. BACH, I.: Formális nyelvek. Budapest : Typotex, 2002. 227 s. ISBN 978-963-9132-92-6. FÜLÖP, Z.: Formális nyelvek és szintaktikus elemzésük. Szeged : Polygon, 1999. 124 s. ISSN 1417-0590.	
<b>Language, knowledge of which is necessary to complete a course:</b>	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 287	

A	B	C	D	E	FX
13.24	11.85	22.65	14.29	16.72	21.25
<b>Teacher:</b> Dr. habil. József Zoltán Kató, DSc., RNDr. Štefan Gubo, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Idb/ TP/15	<b>Name:</b> Spreadsheet applications
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 0 / 2 <b>For the study period:</b> 0 / 0 / 26 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b>	
<b>Results of education:</b>	
<b>Brief syllabus:</b> Introduction, basic terms, Work with cells and worksheets. Creating and editing simple spreadsheets. Creating and editing charts. Usage of formulas and functions, Function Wizard. Date and time functions. Mathematical and statistical functions. Text and financial functions. Searching and database functions. Tools for sorting and filtering data. Protection of cells, worksheets and workbooks.	
<b>Literature:</b> PECINOVSKÝ, J. Excel 2007 v příkladech. Praha : Grada, 2009. 166 s. ISBN 978-80-247-3138-4. BÁRTFAI, B.: Táblázatkezelési gyakorlatok. Budapest : BBS-INFO, 2003. 176 s. ISBN 978-963-863-920-2. LÉVAYNÉ LAKNER, M.: Excel táblázatkezelő a gyakorlatban. Budapest : ComputerBooks, 2002. 150 s. ISBN 978-963-618-228-0. LÉVAYNÉ LAKNER, M.: Excel 2003 táblázatkezelés és programozás a gyakorlatban. Budapest : ComputerBooks, 2007. 240 s. ISBN 978-963-618-344-9. STOFFA, V. – CSÍZI, L. – SZŐKÖL, I. – TÓTH, K. – VÉGH, L.: Az informatika alapjai I. Komárno : Univerzita J. Selyeho, 2007. 268 s. ISBN 978-80-89234-29-5.	
<b>Language, knowledge of which is necessary to complete a course:</b>	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 174	

A	B	C	D	E	FX
55.75	31.61	8.05	3.45	1.15	0.0
<b>Teacher:</b> RNDr. Štefan Gubo, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Idb/ TPS/15	<b>Name:</b> Tvorba pedagogického softvéru
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 0 / 2 <b>For the study period:</b> 13 / 0 / 26 <b>Methods of study:</b> present	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester of study:</b> 6.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Students during the semester independently solve a programming tasks - semestral project of which outcome should be an own educational software. During the semester, students have the opportunity to consult his project (phase of creation) with teacher. At the end of the semester they submit the finished educational software (the electronic version and the instructions for use), that is evaluated. Students must get at least the 50% of the total evaluation, to be allowed to pass the examination. The exam is combined and consists of practical part - presentation of the finished educational software and verification of theoretical knowledge from creation of educational software. The students, to be classified, must be also successful at least 50% on the exam. Students are classified according to the average obtained in the overall assessment of the continuous preparing (semestral project) during the semester (50%) and according to the exam (50%). For obtaining the classification A must be obtained at least 90% share of average, at least 80% for B, for C at least 70%, at least 60% for D, for E at least 50%. Credits for subject will not be assigned for the student, who is not at least 50% successful of the individual parts.	
<b>Results of education:</b> After successful completion of this course the students are proficient in basic of creation of educational software, they are able to select the right algorithm for solving the problem, they know the pedagogical and psychological aspects of creation of educational software. They are aware of the features of the computer in different forms and phases of learning and are able to choose and skillful use appropriate programming environment (optionally also combine different environments) for the creation of educational software for some topic. They master rules for a correct creation of software product documentation.	
<b>Brief syllabus:</b> <ul style="list-style-type: none"> <li>• Computer options in different forms and phases of learning,</li> <li>• presenting the educational content - computer skills,</li> <li>• Computer based knowledge testing,</li> <li>• the possibility of creating animation in different programming languages,</li> <li>• the possibility of creating an interactive user interface,</li> <li>• multimedia options in the learning process,</li> <li>• pedagogical and psychological aspects of creation of educational software,</li> </ul>	

- comparison of the specifics of the first, the second level of elementary school and secondary schools,
- choice of the appropriate topic for educational software based on consultation with teachers in praxis,
- implementation of educational software,
- rules for a correct creation software product documentation,
- testing of final products in real conditions.

#### Literature:

1. ANGSTER, E.: Az objektumorientált tervezés és programozás alapjai. Budapest : Akadémiai, 2000. 312 s. ISBN 9636508186.
2. BENKŐ, L. at all: Objektum orientált programozás Turbo Pascal nyelven 7. Budapest : ComputerBooks, 1997. 238 s. ISBN 9636181527.
3. CHAPMAN, N. - CHAPMAN, J.: Digital multimedia: Second Edition, 2003. 700 s. ISBN 0470858907.
4. KADLEC, V.: Učíme se programovat v Delphi a jazyce OBJECT PASCAL. Brno : Computer Press, 2002. 290 s. ISBN 8072262459.
5. MCCARTHY, J.: Softwarové projekty. 1. vyd. Praha : Computer Press, 1999. 190 s. ISBN 80-7226-164-0.
6. MCCARTHY, J.: Softwarové projekty. Brno : Computer Press, 1999. 190 s. ISBN 8072261940.
7. STOECKER, M.: Developing Windows-Based Applications with Microsoft .NET. Microsoft .NET, 2003. 600 s. ISBN 0735619263.
8. STOFFOVÁ, V.: Informačné technológie a výpočtová technika. Prírodovedec, Nitra, 2001. ISBN 80-8050-450-4.
9. SZIRMAY-KALOS, L. - LÁSZLÓ, Z. – KONDOROSI, K.: Objektum-orientált szoftverfejlesztés. Budapest : ComputerBooks, 2001. 427 s. ISBN 963 618 108 X.
10. SZIRMAY-KALOS, L. Háromdimenziós grafika, animáció és játékfejlesztés. Budapest : ComputerBooks, 2004. 486 s. ISBN 9636183031.
11. VÁMOSSY, Z.: Delphi a gyakorlatban. Bicske : Szak, 2002. 132 s. ISBN 963 9131 22 9.
12. VÉG, Cs.: Alkalmazásfejlesztés : a Unified Modeling Language szabványos jelöléseivel. Debrecen : Logos 2000, 1999. 246 s. ISBN 963 03 7660 1.

#### Language, knowledge of which is necessary to complete a course:

Hungarian language, Slovak language, English language

#### Notes:

none

#### Evaluation of subjects

Total number of evaluated students: 278

A	B	C	D	E	FX
23.02	32.01	14.03	12.23	7.91	10.79

**Teacher:** prof. Ing. Veronika Stoffová, CSc., PaedDr. Krisztina Czakóová, PhD., PaedDr. Ladislav Végh

**Date of last update:** 21.11.2014

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Idb/ UDI/15		<b>Name:</b> Introduction to Informatics			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 1 / 0 <b>For the study period:</b> 13 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 232					
A	B	C	D	E	FX
15.95	13.36	15.09	18.1	28.45	9.05
<b>Teacher:</b> prof. Ing. Veronika Stoffová, CSc., PaedDr. Krisztina Czakóová, PhD.					
<b>Date of last update:</b> 21.11.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ ALG1/15		<b>Name:</b> Algebra 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b> Kaluzsnyin: Bevezetés az absztrakt algebraába, Tankönyvkiadó, Budapest,1979. 473s. ISBN 963 17 4369 1. Szendrei, J.: Algebra és számelmélet, Nemzeti Tankönyvkiadó, Budapest, 2001. ISBN 9631924017					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian, Slovak					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 54					
A	B	C	D	E	FX
3.7	40.74	27.78	14.81	12.96	0.0
<b>Teacher:</b> doc. RNDr. János Tóth, PhD., doc. RNDr. Ferdinánd Filip, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ ALG2/15		<b>Name:</b> Algebra2			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 99					
A	B	C	D	E	FX
9.09	20.2	22.22	16.16	29.29	3.03
<b>Teacher:</b> doc. RNDr. János Tóth, PhD., Mgr. Sándor Kelemen, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ CTC/15		<b>Name:</b> Cvičenie z teórie čísel			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> RNDr. József Bukor, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ FAP/15		<b>Name:</b> Funkcie a postupnosti			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 2 / 0 <b>For the study period:</b> 13 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> doc. RNDr. János Tóth, PhD., Mgr. Sándor Kelemen, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ FAPc/15		<b>Name:</b> Funkcie a postupnosti - cvičenie			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> Mgr. Sándor Kelemen, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ GEO1/15		<b>Name:</b> Geometria 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 74					
A	B	C	D	E	FX
9.46	18.92	16.22	20.27	21.62	13.51
<b>Teacher:</b> doc. RNDr. Ladislav Mišík, CSc., RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ GEO2/15		<b>Name:</b> Geometria 2			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 61					
A	B	C	D	E	FX
4.92	16.39	13.11	26.23	29.51	9.84
<b>Teacher:</b> doc. RNDr. Ladislav Mišík, CSc., RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ GEO3/15		<b>Name:</b> Geometria 3			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 47					
A	B	C	D	E	FX
19.15	12.77	27.66	19.15	19.15	2.13
<b>Teacher:</b> doc. RNDr. Ladislav Mišík, CSc., RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ KG/15		<b>Name:</b> Kapitoly z geometrie			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Mdb/ KOM/15	<b>Name:</b> Combinatorics
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> During the semester will be held two written clearance by 50 points. Of the total of 100 points it is needed to obtain at least 91 points on the valuation A, for grade B is necessary to obtain 81 points, for grade C at least 71 points, for grade D at least 61 points and for grade E at least 51 points. For the student, who obtained less than 25 points in any written clearance, at the end of semester a final written clearance will be held with max. 100 points.	
<b>Results of education:</b> After successful completion of this course students will obtain knowledge of basic concepts of combinatorics and will be able to solve the tasks of combinatorial type. They will know the basic properties of Pascal's triangle and the relationship between binomial coefficients. At the same time they acquire basic knowledge of classical probability	
<b>Brief syllabus:</b> Basic concepts of combinatorics, combinations, variations, permutations. Binomial coefficients. Basic features of Pascal's triangle. Relations between binomial coefficients. Composed and problem task solving. Combinatorial geometry. Sorting and arrangement, arrangement models. Solving combinatorial problems of mathematical competitions. Basic concepts of classical probability. Discrete probability: uniform, binomial, polynomial, shuffle with repetition, shuffle without opakovania. Basic types of tasks.	
<b>Literature:</b> Bege Antal, Kása Zoltán.: Algoritmikus kombinatorika és számelmélet, 1. vyd. - Kolozsvár : Presa Universitara Clujeana, 2006. - 214 s. - ISBN 978-973-610-446-6. Szendrei Ágnes.: Diszkrét matematika : Logika, Algebra, Kombinatorika, 3. vyd. - Szeged : POLYGON Jegyzettár, 1998. - 380 s. Varga Tamás.: Játsszunk matematikát! 2. : Tér és sík, Valószínűség, Logika és kombinatorika - Budapest : Móra Könyvkiadó, 1976. - 120 s. - ISBN 963 11 0581 4. Lovász László.: Kombinatorika : az általános és középiskolai matematika szakkörök számára. Budapest : Tankönyvkiadó, 1970. - 127 s. - ISBN 0012875. Róka Sándor.: 2000 feladat az elemi matematika köréből. 6. vyd. - Budapest : Typotex Kiadó, 2010. - 378 s. - ISBN 978 963 279 163 0.	
<b>Language, knowledge of which is necessary to complete a course:</b>	

hungarian, slovak					
<b>Notes:</b>					
<b>Evaluation of subjects</b>					
Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> RNDr. Zuzana Árki, PhD., RNDr. Zoltán Fehér, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ KSM/15		<b>Name:</b> Kapitoly zo stredoškolskej matematiky			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 2.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> Mgr. Ladislav Jaruska, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Mdb/ LA/15	<b>Name:</b> Linear algebra
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester of study:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> During the semester will be held two written clearance by 40 points and for the active work of student in WebWork-system can the student obtain 20 points. Of the total of 100 points it is needed to obtain at least 90 points on the valuation A, for grade B is necessary to obtain 80 points, for grade C at least 70 points, for grade D at least 60 points and for grade E at least 50 points. For the student, who obtained less than 20 points in any written clearance, at the end of semester a final written clearance will be held with max. 80 points. Then at the end of the semester also an oral exam will be held, where the student can get 100 points.	
<b>Results of education:</b> After successful completion of this course students will know and control the basic properties of algebraic structures and the basic concepts of linear algebra. In solving the tasks of daily practice are able to apply basic methods of linear algebra. Furthermore, students are able to solve tasks and the computer in the CAS system using MATLAB or other suitable free software.	
<b>Brief syllabus:</b> Algebraic structures. Vector space. Subspace of a vector space. Linear dependence and independence of vectors. Dimension and base vector space. Matrices, operations with matrices. Rank of a matrix. Linear mapping, matrix of the linear mapping. Composition of linear mappings. Matrix inversion. Solving homogeneous and inhomogeneous systems of linear equations. Determinant, basic features and applications. Eigenvalues and eigenvectors.	
<b>Literature:</b> 1. Katriňák, T. a kol.: Algebra a teoretická aritmetika 1. Bratislava : UK Bratislava, 1995, s. 351. ISBN 80-223-0986-9. 2. SZENDREI, J.: Algebra és számelmélet. Budapest : Nemzeti tankönyvkiadó, 2001, s. 475. ISBN 963 19 2401 7.	

3. Fried, E.: Algebra I.: Elemi és lineáris algebra. Budapest : Nemzeti Tankönyvkiadó, 2000, s. 334. ISBN 963 19 11764.

**Language, knowledge of which is necessary to complete a course:**

hungarian, slovak

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 61

A	B	C	D	E	FX
18.03	21.31	34.43	16.39	8.2	1.64

**Teacher:** doc. RNDr. Ladislav Mišík, CSc., RNDr. Zuzana Árki, PhD.

**Date of last update:** 28.10.2014

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ MA1/15		<b>Name:</b> Matematická analýza 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 2.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 75					
A	B	C	D	E	FX
44.0	10.67	6.67	4.0	29.33	5.33
<b>Teacher:</b> doc. RNDr. Ladislav Mišík, CSc., Mgr. Sándor Kelemen, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ MA2/15		<b>Name:</b> Matematická analýza 2			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 87					
A	B	C	D	E	FX
9.2	18.39	18.39	21.84	26.44	5.75
<b>Teacher:</b> doc. RNDr. Ladislav Mišík, CSc., Mgr. Sándor Kelemen, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ MA3/15		<b>Name:</b> Matematická analýza 3			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of study:</b> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 67					
A	B	C	D	E	FX
8.96	17.91	14.93	19.4	31.34	7.46
<b>Teacher:</b> doc. RNDr. János Tóth, PhD., RNDr. József Bukor, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ OBP/15		<b>Name:</b> Bakalárska práca a jej obhajoba			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> <b>Recommended extent of course ( in hours ):</b> <b>Per week: For the study period:</b> <b>Methods of study:</b> present					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester of study:</b>					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b>					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ PZM/15		<b>Name:</b> Praktikum zo základov matematiky			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ RAN/15		<b>Name:</b> Rovnice a nerovnice			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> Mgr. Ladislav Jaruska, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ SAL1/15		<b>Name:</b> Seminár z algebry 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 1					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> doc. RNDr. Ferdinánd Filip, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ SAL2/15		<b>Name:</b> Seminár z algebry 2			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> doc. RNDr. Ferdinánd Filip, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ SG1/15		<b>Name:</b> Seminár z geometrie 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 19					
A	B	C	D	E	FX
26.32	26.32	31.58	15.79	0.0	0.0
<b>Teacher:</b> RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ SG2/15		<b>Name:</b> Seminár z geometrie 2			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ SG3/15		<b>Name:</b> Seminár z geometrie 3			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ SMA1/15		<b>Name:</b> Seminár z matematickej analýzy 1			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 2.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 69					
A	B	C	D	E	FX
44.93	10.14	7.25	5.8	27.54	4.35
<b>Teacher:</b> Mgr. Sándor Kelemen, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ SMA2/15		<b>Name:</b> Seminár z matematickej analýzy 2			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 34					
A	B	C	D	E	FX
44.12	20.59	14.71	8.82	11.76	0.0
<b>Teacher:</b> doc. RNDr. Ferdinánd Filip, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ SMA3/15		<b>Name:</b> Seminár z matematickej analýzy 3			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> RNDr. József Bukor, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ ŠSBc/15		<b>Name:</b> Matematika - predmet štátnej skúšky			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> <b>Recommended extent of course ( in hours ):</b> <b>Per week: For the study period:</b> <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b>					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b>					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ TEX/15		<b>Name:</b> Tvorba matematického textu			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 4.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 184					
A	B	C	D	E	FX
64.67	19.57	15.22	0.0	0.54	0.0
<b>Teacher:</b> doc. RNDr. Ferdinand Filip, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KMI/Mdb/ TGR/15	<b>Name:</b> Graph Theory
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> During the semester will be held two written clearance by 50 points. Of the total of 100 points it is needed to obtain at least 91 points on the valuation A, for grade B is necessary to obtain 81 points, for grade C at least 71 points, for grade D at least 61 points and for grade E at least 51 points. If the student has obtained less than 25 points in any written clearance, than at the end of semester an oral exam will be held wit maximum 100 points.	
<b>Results of education:</b> The student will obtain an overview of the basic concepts of graph theory. He will be able to apply basic browsing graph algorithms, algorithms for finding minimal skeleton, the availability and continuity, and will be able to solve flow tasks, and apply them in the optimization problem solving. He obtain knowledge in theory of coloring graphs and find the minimum time required to perform a complex task.	
<b>Brief syllabus:</b> Basic concepts and results of graph theory, graph browsing algorithms, optimally lines in a graph, trees and skeletons, algorithms for finding minimal skeleton, the availability and continuity, solution of flow tasks, maximum flow, the cheapest rate, application of theory in optimization problems solving, the role of assignments, Eulerian graphs and the role of the Chinese postman, Hamiltonian graphs and the role of traveling salesman, mating and factorization, coloring graphs, planar graphs. Center and median, algorithms to search centers and medians, absolute centers and medians of the graph.	
<b>Literature:</b> Friedl, K., Recski, A., Simonyi, G.: Gráfelméleti feladatok. 1. vyd. Budapest : TYPOTEX, 2006. 300 s. ISBN 963 9664 01 4. Hajnal, P.: Gráfelmélet. Szeged: Bolyai Intézet, 2003. 308 s. ISBN 0002465. Heteyi, G.: Kombinatorika és gráfelmélet - Eger : MM Közoktatási és Pedagógustovábbképző, 1988. - 84 s. - ISBN 9636734836	
<b>Language, knowledge of which is necessary to complete a course:</b> hungarian, slovak	
<b>Notes:</b>	

**Evaluation of subjects**

Total number of evaluated students: 56

A	B	C	D	E	FX
21.43	12.5	35.71	19.64	7.14	3.57

**Teacher:** RNDr. Zuzana Árki, PhD.**Date of last update:** 28.10.2014**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ UTC/15		<b>Name:</b> Úvod do teórie čísel			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 / 0 <b>For the study period:</b> 26 / 13 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester of study:</b> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 69					
A	B	C	D	E	FX
20.29	24.64	24.64	17.39	13.04	0.0
<b>Teacher:</b> doc. RNDr. János Tóth, PhD., doc. RNDr. Ferdinánd Filip, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ ZM/15		<b>Name:</b> Základy matematiky			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 2 / 0 <b>For the study period:</b> 13 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 129					
A	B	C	D	E	FX
4.65	8.53	19.38	25.58	25.58	16.28
<b>Teacher:</b> doc. RNDr. Ladislav Mišík, CSc., RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KMI/Mdb/ ZTM/15		<b>Name:</b> Základy teórie množín			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 0 / 2 / 0 <b>For the study period:</b> 0 / 26 / 0 <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b> 2.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b>					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b>					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> RNDr. Peter Csiba, PhD.					
<b>Date of last update:</b> 28.10.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ ANA/15	<b>Name:</b> Preparation and Analysis of listen
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> xxx	
<b>Results of education:</b> xxx	
<b>Brief syllabus:</b> xxx	
<b>Literature:</b> Albert Sándor: Általános didaktika. Komárno : Selye János Egyetem, 2006. 226. ISBN 8089234070 Barabási Tünde: A tanítói tudás összetevői és fejlesztésük : Az elmélet és gyakorlat integrációja a magyarországi és romániai magyar tanítóképzési rendszerben. 1. vyd. Kolozsvár : Kolozsvári Egyetemi Kiadó, 2008. 151 s. ISBN 9789736107030 Cangelosi S. James. Strategie řízení třídy : Jak získat a udržet spolupráci žáků při výuce. 2. vyd. Praha : Portál, 1996. 300 s. ISBN 8071780839 Falus Iván: Didaktika. Budapest : Nemzeti Tankönyvkiadó, 2003. 552 s. ISBN 9631952967 Falus Iván. A tanárrá válás folyamata. - 1. vyd. - Budapest : Gondolat, 2007. - 245 s. - ISBN 978 963 9610 97 2 Falus Iván et all. A pedagógusok pedagógiája. - Budapest : Nemzeti Tankönyvkiadó, 2001. - 355 s. - ISBN 963191805x. Kalhous Zdeněk: Školní didaktika. 2. vyd. Praha : Portál, 2009. 448 s. ISBN 9788073675714 Kovátsné-Németh Mária. Fenntarthatóság, pedagógia, kutatás. - 1. vyd. - Győr : Nyugat-Magyarországi Egyetem Apáczai Csere János Kar, 2007. 227 s. ISBN 9789639364851 Kosová Beata. Vysokoškolské vzdelávanie učiteľov : Vývoj, analýza, perspektívy. - 1. vyd. - Banská Bystrica : Pedagogická fakulta Univerzity Mateja Bela, 2012. 143 s. ISBN 9788055703534 Nagy József. Kompetencia alapú kritériumorientált PEDAGÓGIA. 1. vyd. Szeged : Mozaik Kiadó, 2007. 383 s. ISBN 978 963 697 541 8 Roeders Paul, Gefferth Éva. A hatékony tanulás titka : A hatékony tanítás és tanulás dinamikája. 1. vyd. : Trefort Kiadó, 2007. 215 s. ISBN 9789634464532 Petlák, Erich. Všeobecná didaktika. 1. vyd. : IRIS, 2004. 316 s. ISBN 8089018645	

Pukánszky Béla. Iskola és pedagógusképzés. 1. vyd. Budapest : Gondolat Kiadó, 2014. 182 s. ISBN 9789636932282

Pasch Marvin, Gardner Trevor et al. Od vzdělávacího programu k vyučovací hodině : Jak pracovat s kurikulem. 1. vyd. Praha : Portál, s.r.o., 1998. 416 s. ISBN 8073670542

**Language, knowledge of which is necessary to complete a course:**

Hungarian or Slovak language

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 0

a	n
0.0	0.0

**Teacher:** Dr. habil. PaedDr. Kinga Horváth, PhD., Dr. habil. Ádám István Nagy, PhD., Dr. habil. Dr. Mária Magdolna Németh, CSc.

**Date of last update:** 27.01.2015

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ APK/15	<b>Name:</b> Alternative pedagogical concepts
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week: 2 For the study period: 26</b> <b>Methods of study:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of study:</b> 6.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> One written test during a term for 50 points, another 50 points could be earned for continuous in-class activities. At least 50 points – 50% of all possible points - has to be earned to pass the class. Evolution: A mark - 90-100%; B mark 80-89%; C mark 70-79%; D mark 60-69%, E mark 50-59%.	
<b>Results of education:</b> The student will learn the existing alternative trends and ways of development in the field of pedagogy both at home and abroad. This way the student will be able to identify, analyze, demonstrate and evaluate those alternative trends.	
<b>Brief syllabus:</b> The establishment of alternative schools in the first half of the 20th century (Waldorf, Jena-plan, Dalton, Freinet, Montessori). Establishment of alternative schools in the second half of the 20th century (client-centered approach according to Rogers, ITV, Zsolnay school, open school, project education, global education, etc.). Modeling of the reform school – outlining the prognosis.	
<b>Literature:</b> Németh András. A reformpedagógia múltja és jelene . - Budapest : Nemzeti Tankönyvkiadó, 2003. - 167 s. - ISBN 963 19 2190 5. Bodoni Ágnes. Reformpedagógia : Pedagógusi kompetenciák fejlesztése reform- és alternatív pedagógiai módszerek segítségével. - 1. vyd. - Kolozsvár : Ábel Kiadó, 2012. - 127 s. - ISBN 978-973-114-150-3. Németh András, Ehrenhard Skiera. Reformpedagógia és az iskola reformja. - 1. vyd. - Budapest : Nemzeti Tankönyv, 1999. - 345 s. - ISBN 963 19 0168 8. Németh András, Pirka Veronika. Az életreform és reformpedagógia-recepció és intézményesülési folyamatok a 20. század első felében. - 1. vyd. - Budapest : Gondolat Kiadó, 2013. - 409 s. - ISBN 978 963 693 471 2. Kovátsné-Németh Mária. Reformpedagógiai koncepciók, alternatív megoldások. - Komárno : Selye János Egyetem, 2007. - 330 s. - ISBN 9788089234349. Zelina Miron. Alternativne školstvo : alternativne školy, alternativna pedagogika, alternativne pedagogické koncepcie a smery. - 1. vyd. - Bratislava : IRIS, 2000. - 257 s. - ISBN 80-88778-98-0. Prucha Jan. Alternativní školy a inovace ve vzdělávání. Portál, 2004. - 144 s. - ISBN 8071789771. Pukánszky Béla. Iskola és pedagógusképzés. - 1. vyd. - Budapest : Gondolat Kiadó, 2014. - 182 s. - ISBN 9789636932282. Pukánszky Béla. Két évszázad gyermekei : A tizenkilencedik-huszedik század gyermekkorának története. - 1. vyd. - Budapest : Eötvös József Könyvkiadó, 2003. - 308 s. - ISBN 963 9316 65 2.	

<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 159					
A	B	C	D	E	FX
40.25	32.7	20.13	6.92	0.0	0.0
<b>Teacher:</b> prof. Dr. Béla István Pukánszki, DSc.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ BDZ/15	<b>Name:</b> Biology child and school health
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.	
<b>Results of education:</b> Students acquire basic knowledge about the human body - body composition, human ontogenesis, developmental specificities of organ systems and the basics of school hygiene.	
<b>Brief syllabus:</b> Morphological and functional characteristics of the human body and physical ontogeny of human, which is analyze from prenatal period to adulthood with an emphasis on teen age and young adulthood. Developmental specificities of the different organ systems. School hygiene.	
<b>Literature:</b> Dylevský, I.: Somatológia. Bratislava : OSVETA, 2000. - 439 s. - ISBN 80-8063-127-1 Feneis, H.: Anatomický obrazový slovník. Stuttgart : Georg Thieme Verlag, 1993. - 455s. - ISBN 80 7169 197 6 Mader, S. S.: Human biology. Wm. C. Brown Publishers, USA, Third edition 1992. 500 s. - ISBN 0-697-12333-2 McCracken, T.O.: Háromdimenziós anatómiai atlasz. Budapest : Scolar Kiadó, 2000. - 237 s. - ISBN 978-963-9193-99-4 Nagy, M.: Humánbiológia, Lilium Aurum, Dunaszerdahely, 2006, ISBN 80-8062-283-3. Netter, F. H.: Humán anatómiai atlasz. Budapest : Medicina Könyvkiadó, 2004. - 562 s. ISBN 963 242 848 X POSPÍŠIL, M.: Biológia člověka I. Přírodovědecká fakulta UK Praha, 1998, 340s. ISBN 80-223-1579-6 Szentágothai, J.: Funkcionális anatómia I.-III. Budapest : Medicina Könyvkiadó, 2006. - 710, 600, 800. - ISBN 963 242 565 0 Šmarda, J. a kol.: Biologie pro psychology a pedagogy. Portál, Praha, 2004.	
<b>Language, knowledge of which is necessary to complete a course:</b> Slovak or Hungarian	
<b>Notes:</b>	

**Evaluation of subjects**

Total number of evaluated students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Teacher:** PaedDr. Melinda Nagy, PhD., doc. Dr. Csaba Szinetár, CSc.**Date of last update:** 27.01.2015**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KPD/SZdb/ DID/15		<b>Name:</b> General didactics			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 1 <b>For the study period:</b> 13 / 13 <b>Methods of study:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.					
<b>Results of education:</b> xxx					
<b>Brief syllabus:</b> xxx					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 766					
A	B	C	D	E	FX
8.22	13.58	15.93	19.32	30.68	12.27
<b>Teacher:</b> Dr. habil. PaedDr. Kinga Horváth, PhD., Dr. habil. Ádám István Nagy, PhD., Dr. habil. Dr. Mária Magdolna Németh, CSc.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ FVV/15	<b>Name:</b> Philosophy of Education
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week: 2 For the study period: 26</b> <b>Methods of study:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of study:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> One written test during a term for 50 points, another 50 points could be earned for continuous in-class activities. At least 50 points – 50% of all possible points - has to be earned to pass the class. A mark - 90-100%; B mark 80-89%; C mark 70-79%; D mark 60-69%, E mark 50-59%.	
<b>Results of education:</b> The student will receive an overview of the scope of current educational theory. The student will be introduced to current problems, up-to-date theories and knowledge, so that the student will be able to recognize the theoretical concepts in the educational practice. The student will be able to find the relationship between the trends of educational philosophy, education theories and education concepts. The student will be able to evaluate the educational phenomena based on philosophy, ideology and theory.	
<b>Brief syllabus:</b> Basics of perennialism, essentialism, progressivism, behaviorism, and existentialism. Educational theory: intellectual, personalistic, social, academic, cognitive-psychological, social-cognitive, technological. Educational concepts: problem solving, project education, cooperative education, mastery learning, global education, and constructivism.	
<b>Literature:</b> Angelusz Erzsébet. Filozófia, antropológia, nevelés. - Budapest : Akadémiai Kiadó, 1984. - 104 s. - ISBN 963 05 3404 5. Halasy-Nagy József. A filozófia. - Budapest : Pantheon Kiadás, 1991. - 408 s. - ISBN 963 05 5929 3. Mészáros András. A felső-magyarországi iskolai filozófia lexikona. - Pozsony : Kalligram, 2003. - 288 s. - ISBN 8071495409. Pukánszky Béla. Iskola és pedagógusképzés. - 1. vyd. - Budapest : Gondolat Kiadó, 2014. - 182 s. - ISBN 9789636932282. Pukánszky Béla. A gyermekkor története. - 1. vyd. - Budapest : Műszaki Könyvkiadó, 2001. - 201s. - ISBN 963 16 2782 9. Pukánszky Béla. Két évszázad gyermekei : A tizenkilencedik-huszedik század gyermekkorának története. - 1. vyd. - Budapest : Eötvös József Könyvkiadó, 2003. - 308 s. - ISBN 963 9316 65 2. Pukánszky Béla. Pedagógiai eszmetörténet. - 1. vyd. - Budapest : Gondolat Kiadó, 2013. - 168 s. - ISBN 978-963-693-228-2.	

Vajda Zsuzsanna, Kósa Éva. Neveléslélektan. - 1. vyd. - Budapest : Osiris Kiadó, 2005. - 564 s. - ISBN 963 389 728 9. - ISSN 1218-9855.

**Language, knowledge of which is necessary to complete a course:**

Hungarian or Slovak language

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 592

A	B	C	D	E	FX
31.42	26.52	28.89	10.98	2.03	0.17

**Teacher:** Dr. habil. Ádám István Nagy, PhD., prof. Dr. Béla István Pukánszki, DSc., Dr. habil. Dr. Mária Magdolna Németh, CSc.

**Date of last update:** 27.01.2015

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ IKT/15	<b>Name:</b> ICT-based
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Making 2 projects during the semester , each for 25 points and the final presentation of the methodology of a selected lesson for 50 points. In order to pass the course the student needs to collect at least 50% of the maximum points. The scale of evaluation is the following: A – 90 -100%, B – 80 -89%, C – 70 -79%, D – 60 - 69%, E – 50 -59%.	
<b>Results of education:</b> By the completion of the course, students deepen their professional competence in the field of information and communication technologies. They will be able to locate, evaluate and use information so that they become autonomous, independent and lifelong learners. They will have the ability to locate, evaluate, use and communicate information in all their various forms, such as the integration of books, computer, the media and technology, ethics, critical thinking, information and communication skills.	
<b>Brief syllabus:</b> <ul style="list-style-type: none"> <li>• Basic concepts of work with computers (objects, files, types, maps, addresses )</li> <li>• Basics of Word (copy protection, basic items, formatting)</li> <li>• Working with pictures, WordArt, ClipArt - special text effects</li> <li>• Basics of graphical environment Paint (copy protection, basic controls)</li> <li>• Introduction to digital technology, principles of operation, working with the media</li> <li>• the use of digital and multimedia devices in the educational process</li> <li>• Creating lessons from selected objects, integrated learning, practical use of certain information for the preparation of materials in teaching.</li> <li>• The Internet - Definitions</li> <li>• Browser, criteria for finding, downloading images and texts from the Internet</li> <li>• E-mail: e-mail, creating your own e-mail addresses, basic work, connecting documents</li> </ul>	
<b>Literature:</b> Baka Magdolna, Koczka Ferenc: Informatika - szövegszerkesztés, Eger : EKTF Líceum Kiadó, 1997. 170 s. Csórián Sándor: Információ és kommunikáció. Budapest : Kossuth Könyvkiadó, 2003. 119. ISBN 9630944103 Czifra Juraj at all.: Informačné a komunikačné technológie v praxi I. Komárno : Selye János Egyetem, 2007. 450 s. ISBN 9788089234417 Szököl István: Modulárny systém výučby informatiky. Komárno : UJS, 2010. 100s. ISBN 9788089234974	

<p>Stoffa Veronika: Az informatika alapjai I. Apáczai közalapítvány, 2007. 268 s. ISBN 9788089234295  Wyatt L. Allen: Az internet alapjai. Budapest : Kossuth Könyvkiadó, 1996. 352. ISBN 9630938383x</p>					
<p><b>Language, knowledge of which is necessary to complete a course:</b>  Hungarian or Slovak Language</p>					
<p><b>Notes:</b></p>					
<p><b>Evaluation of subjects</b>  Total number of evaluated students: 141</p>					
A	B	C	D	E	FX
41.84	21.28	14.18	5.67	6.38	10.64
<p><b>Teacher:</b> Ing. István Szókö, PhD., Dr. Gábor Kiss, PhD.</p>					
<p><b>Date of last update:</b> 27.01.2015</p>					
<p><b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.</p>					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ INV/15	<b>Name:</b> intercultural education
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> One written test during a term for 50 points, another 50 points could be earned for continuous in-class activities (presentation of casuistics). At least 50 points – 50% of all possible points - has to be earned to pass the class. A mark - 90-100%; B mark 80-89%; C mark 70-79%; D mark 60-69%, E mark 50-59%.	
<b>Results of education:</b> By completing the course students will gain knowledge on the essence of ethnic processes and ethnic minorities of Slovakia, furthermore gain skills in practical applying acquired theories in educational process.	
<b>Brief syllabus:</b> Basic terminology: ethnicity, nation, nationality, ethnic minorities, multiculturalism, inter-cultural competence, etc. Inter-ethnic and inter-cultural relations. Ethnic symbols, stereotypes. Ethnic history of Slovakia. History of ethnic minorities in Slovakia, with particular regard to Hungarians. Concrete examples on Hungarian-Slovak, Hungarian-German, Hungarian-Rusin inter-ethnic relationships. The problem of the Rome minority in Slovakia and Central Europe. Practical opportunities of evolving inter-cultural competencies (meeting other cultures, respecting otherness, tolerance).	
<b>Literature:</b> Ács Zoltán: Nemzetiségek a történelmi Magyarországon. Budapest: Kossuth Könyvkiadó 1986. Botík, Ján: Chorváti na Slovensku. Bratislava: Slovenské národné múzeum 1996. Forray R. Katalin szerk.: Ismeretek a romológia alapképzési szakhoz. Pécs: Pécsi Tudományegyetem 2006. <a href="http://mek.oszk.hu/04800/04867/04867.pdf">http://mek.oszk.hu/04800/04867/04867.pdf</a> Gabal, Ivan: Etnické menšiny ve střední Evropě. Praha 1999. Gallová Kriglerová, Eva–Kadlečíková, Jana–Lajčáková Jarmila: Migranti. Multikulturalizmus a kultúrna integrácia migrantov na Slovensku. Nový pohľad na staré problémy. Bratislava: CVEK 2009. Gecse Annabella: Az etnikai és társadalmi átrendeződés folyamata egy gömöri falu 20. századi életében. Komárom–Somorja: Fórum Kisebbségkutató Intézet 2007 /Interethnica10./ Gyurgyík László: A szlovákiai magyarság népesedési folyamatai a 20. században (1918-tól 2001-ig). Komárom: Selye János Egyetem Tanárképző Kara 2013 / Monographiae Comaromienses 10./ Horváthová, Margaréta: Nemci na Slovensku. Etnokultúrne tradície z aspektu osídlenia, remesiel a odievania. Komárno–Dunajská Streda: Fórum inštitút–Spoločenskovedný ústav–Vydavateľstvo Lilium Aurum 2002 /Interethnica 4./ L. Juhász	

Ilona: „Fába róva, földbe ütve...” A kopjafák/emlékoszlopok mint a szimbolikus térfoglalás eszközei a szlovákiai magyaroknál. Komárom–Dunaszerdahely: Fórum Kisebbségkutató Intézet–Lilium Aurum Könyvkiadó 2005 /Interethnica 8./ Kiss Gabriella: Multikulturalizmus és oktatás. Debrecen: Kossuth Egyetemi Kiadó 2001. Liszka József: Bevezetés a néprajzba. A magyar néprajz/ európai etnológia alapjai. Dunaszerdahely: Lilium Aurum 2006. Liszka József szerk.: Interetnikus és interkulturális kapcsolatok Dél-Szlovákiában. Komárom: Selye János Egyetem Tanárképző Kara 2009 /Monographiae Comaromienses 1./ Liszka József: Populáris kultúra. Somorja: Fórum Kisebbségkutató Intézet 2010 /Magyarok Szlovákiában 6./ Magyar néprajzi lexikon 1–5. Budapest: Akadémiai Kiadó 1977–1982. Paládi-Kovács Attila szerk.: A nemzetiségek néprajzi felfedezői. Budapest: Akadémiai Kiadó 2006. Sopoliga, Miroslav: Ukrajinci na Slovensku. Etnokultúrne tradície z aspektu osídlenia, ľudovej architektúry a bývania. Komárno–Dunajská Streda: Fórum inštitút – Spoločenskovedný ústav–Vydavateľstvo Lilium Aurum 2002 /Interethnica 2./ Tradičná ľudová kultúra Slovenska slovom a obrazom. Elektronická encyklopédia (<http://www.ludovakultura.sk/index.php?id=11>) Vajda Barnabás szerk.: Államhatár és identitás–Komárom/Komárno. Komárom: Selye János Egyetem Tanárképző Kara 2011 /Monographiae Comaromienses 3./ Varjú Katalin: „Pénteken délig nyitva van az ég!” Somorja–Dunaszerdahely: Fórum Kisebbségkutató Intézet–Lilium Aurum Könyvkiadó 2003 / Interethnica 6.

**Language, knowledge of which is necessary to complete a course:**

Hungarian or Slovak Language

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 49

A	B	C	D	E	FX
22.45	38.78	24.49	6.12	8.16	0.0

**Teacher:** Dr. habil. PhD. József Liszka, PhD., Mgr. Ladislav Ďurdík, PhD.

**Date of last update:** 27.01.2015

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ IPE/15	<b>Name:</b> Inclusive Education
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> One written test during a term for 50 points, another 50 points could be earned for continuous in-class activities (presentation of casuistics). At least 50 points – 50% of all possible points - has to be earned to pass the class. A mark - 90-100%; B mark 80-89%; C mark 70-79%; D mark 60-69%, E mark 50-59%.	
<b>Results of education:</b> Students becomes competent in differential approach to students/pupils with special education needs and also will be able to identify the problems and difficulties of learning. The students will get wide and complex picture about the work of special education teacher and school psychologist, about stimulation programmes, therapies and about the supportive care generally.	
<b>Brief syllabus:</b> Mission of the special education – education of disabled pupils. Sensory disabled children and their education. Physically disabled children and their education. Disabilities on communication skills of children. Emotionally disturbed children and possibilities within their education. Segregation, integration and inclusion of disabled children. Special education system and special education consultation services. Therapies, corrections and reeducation as tools for the optimisation of the education process for children with specific developmental learning disorders.	
<b>Literature:</b> Gordosné Szabó Anna: Bevezetés a gyógypedagógiába. 7. vyd. Budapest : Nemzeti Tankönyvkiadó. 2000. 116 s. Gordosné Szabó Anna: Gyógyító pedagógia = Nevelés és terápia. 1. vyd. Budapest : Medicina Könyvkiadó, 2004. 587 s. ISBN 963 242 757 2 Illyés Gyuláné: Gyógypedagógiai pszichológia. Budapest : Akadémiai Kiadó, 1971. 465 s. ISBN 0007635 Illyés Gyuláné: Speciálnopedagógická psychológia. 1. vyd. Bratislava : Slovenské Pedagogické Nakladateľstvo. 1978. 589 s. Mesterházi Zsuzsa: A nehezen tanuló gyermekek iskolai nevelése. 1. vyd. : Eötvös Lóránd Tudományegyetem Bárczi Gusztáv Gyógypedagógiai Kar. 1998. 348 s. ISBN 9637151126 Strédl Terézia: Inkluzív pedagógia avagy a gyógypedagógiáról másképp. 1. vyd. Komárno : Univerzita J. Selyeho. 2013. 148 s. ISBN 9788081220890 Vašek Štefan: Pedagogika viacnásobne postihnutých. 1. vyd. Bratislava : Sapiaientia. 1999. 296 s. ISBN 8096718045 Vašek Štefan: Speciálno pedagogická diagnostika. 4. vyd. : Sapiaientia s.r.o, 2004. 168 s. ISBN 8096911201	

<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 534					
A	B	C	D	E	FX
12.73	23.41	36.14	20.41	6.74	0.56
<b>Teacher:</b> PaedDr. Terézia Strédl, PhD., Mgr. Anita Tóth-Bakos, PhD.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ LAD/15	<b>Name:</b> School legislation and documentation
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%	
<b>Results of education:</b> The student will be able to: - list the number, title and content of legislation concerning education - describe public education management and its level, - list concretely the changes in public education and interpret their legal consequences, - understand the typical features of public education management and local government principles in education and school management, - analyze the relevant regulations, -classify and categorize the relevant regulations, - evaluate the processes in public education.	
<b>Brief syllabus:</b> Sorting legal and pedagogical and organizational standards applied in education. The interpretation of the Constitution in terms of its application in the field of education, training and education. Government Program Declaration after November 1989 in terms of orientation to school education. Projects oriented towards the long term development of education in Slovakia. The process of creating laws, decrees and other documents forming the legal framework of education and training. The Education Act and the ensuing regulations. Act on school facilities and the subsequent regulations. The Higher Education Act and the ensuing regulations. Legal solutions of the qualification and further training of teaching staff of schools. The questions of managing "non-state" schools and school facilities.	
<b>Literature:</b> The Constitution of the Slovak Republic 245/2008 The Law on Upbringing and Education (School Act) and on amendments to certain laws Other relevant laws and regulations.	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 367	

A	B	C	D	E	FX
56.95	22.89	11.72	4.36	4.09	0.0
<b>Teacher:</b> Dr. habil. PaedDr. Kinga Horváth, PhD., Ing. István Szököl, PhD.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ MPE/15	<b>Name:</b> Multimedia education
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 6.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Making a presentation, wheres lides showing thetheoretical and practicalskills of multimediaeducation, (max 50. points) A – 90 -100%, B – 80 -89%, C – 70 -79%, D – 60 - 69%, E – 50 -59%.	
<b>Results of education:</b> The student learns touse themultimedia mediamethods, tools in the pedagogicalpractice. And also developcriticalthinking skills and information.	
<b>Brief syllabus:</b> Communicationtypes, forms. background of stereotypes and conventionsof mobile screencontents. Photo texts, basiccodes, text writing and readingon mobile. The socialfunction of themedia. The mediacategorization. The mediausagehabits, modes, language. The theoretical and practicalknowledge of mediapedagogy. International practice. The computer basedlearning. Electronicmedia, video, and computer use. Criticalthinking: themassmedia and communication, manipulation, informationsociety. The analysis of themutimediainteractions.	
<b>Literature:</b> Komenczi Bertalan: Információ és társadalom. Eger : EKF Liceum. 2002. 200 s. ISBN 0269771 Karvalics Z. László: Neumann Jánostól az Internetig. Budapest : Napvilág, 1999. 140. ISBN 9639082228 Z. Karvalics L.: Információs társadalom (a technikától az emberig). Műegyetemi Kiadó BME TTK Budapest. 1995 Stoffová Veronika: Education for information and knowledge based society = Vzdelávanie pre informačnú a vedomostnú spoločnosť. Brno : Univerzita J. Selyeho Komárno, 2012. 245 s. ISBN 9788081220647 Stoffová Veronika: Počítač univerzálny didaktický prostriedok. Nitra, 2004. 173Ss. ISBN 80 8050 765 1 Tapscott Don: Digitális gyermekkor. Budapest : Kossuth Könyvkiadó, 2001. 383 s. ISBN 9630943042 Zrinszky László: Tájékozódás, tanulás, tudás. Budapest : Usiris Könyvkiadó, 2007. 240 s. ISBN 978 963 9706 14 9 MEDIÁLNI PEDAGOGIKA V TEORII A PRAXI - Asociace pro ...	

[www.medialnipedagogika.cz/.../Schorb-Sloboda\\_Teorie-med-ped\\_in\\_Medialni-pedagogika-v-teorii-a-praxi.pdf](http://www.medialnipedagogika.cz/.../Schorb-Sloboda_Teorie-med-ped_in_Medialni-pedagogika-v-teorii-a-praxi.pdf)

**Language, knowledge of which is necessary to complete a course:**

Hungarian or Slovak Language

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 200

A	B	C	D	E	FX
48.0	31.0	11.5	6.5	3.0	0.0

**Teacher:** Dr. habil. Ádám István Nagy, PhD., Ing. István Szókö, PhD.

**Date of last update:** 27.01.2015

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD. Guaranteedprof. Dr. Béla István Pukánszki, DSc. Guaranteedprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KPD/SZdb/ PKO/15		<b>Name:</b> Educational communication			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present					
<b>Number of credits:</b> 1					
<b>Recommended semester/trimester of study:</b> 2.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> Evolution: A – 90 -100%, B – 80 -89%, C – 70 -79%, D – 60 - 69%, E – 50 -59%.					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b> Buda Béla. A közvetlen emberi kommunikáció szabályszerűségei. Budapest : Tömegkommunikációs Kutatóközpont, 1988. 296 s. ISBN 963 333 043 2 Gavora Peter. Akí sú moji žiaci? . 3. vyd. Nitra : Enigma, 2011. 222 s. ISBN 9788089132911 Nelešovská Alena. Pedagogická komunikace v teorii a praxi.1. vyd. : Grada, 2005. 175s. ISBN 8024707381 Mareš Jiří. Sociální a pedagogická komunikace ve škole. 1. vyd. Praha : Statní Pedagogické Nakladatelství, 1989. 165s. ISBN 8004218547 Strédl Terézia. Kommunikáció és konfliktuskezelés. 1. vyd. Révkomárom : Szakképző és Felnőttképzési Intézet, 2009. 71 s. ISBN 9788097001124					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 682					
A	B	C	D	E	FX
59.38	15.1	14.37	6.45	3.37	1.32
<b>Teacher:</b> Dr. habil. PaedDr. Kinga Horváth, PhD., PaedDr. Terézia Strédl, PhD.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					



**Teacher:** Dr. habil. Dr. Mária Magdolna Németh, CSc.

**Date of last update:** 27.01.2015

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ PX1/15	<b>Name:</b> Pedagogická prax 1
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week: For the study period:</b> 20s <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Graduate student observation in the range of 5-5 hours of both the scope of its subject specialization. Student completes a training school lectures and practical presentation of the school's documentation or school facility. Student in due time the Head of teaching experience shall submit report on teaching practice.	
<b>Results of education:</b> Students gain knowledge in the following topics: papers school or school facility, pedagogical documentation and school facilities, teaching methods, curricula, course teaching outline lesson and preparation for the lesson, the possibility of active work with pupils, criteria, methods and forms of assessment	
<b>Brief syllabus:</b> Observation in the range of 5-5 hours from both objects subject specialization. A training school conducted lectures and practical presentation of the school's documentation or school facility. National and school educational program. Class book and record classification	
<b>Literature:</b> ISCED2 ISCED3	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 103	
a	n
100.0	0.0
<b>Teacher:</b> prof. Dr. Béla István Pukánszki, DSc., PaedDr. Tamás Török, PhD.	
<b>Date of last update:</b> 27.01.2015	

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki,  
DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ ROR/15	<b>Name:</b> gender equality
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.	
<b>Results of education:</b> The student will learn about the concept of social gender in social, psychological, and biological context. The student will be able to identify gender prejudice in education and develop preventive methods for women and men (girls and boys). The student will be able to recognize the stereotype system within the education, and its negative effects. The student will be able to apply the necessary methodology for ensuring social gender identity in the school environment.	
<b>Brief syllabus:</b> Gender - gender studies - definition: gender, sex, gender stereotypes, gender sensitization in education, both direct and indirect discrimination, emancipation, feminism. The social position of women. The principles of gender. The cultural and subcultural interpretation of social gender. The society and its role in social gender equality. Education and self-education. Equal opportunities. Education according to the social gender perspective - gender socialization theory, feminine pedagogy, sensitizing education of social gender. The gender in the education process. Inequalities in school. The gender aspects of family education. The role and potential of gender communication.	
<b>Literature:</b> Bútorová Zora: Násilie páchané na ženách ako problém verejnej politiky. Bratislava : IVO Inštitút pre verejné otázky, 2005. 132 s. ISBN 80 88935 78 4 Bútorová Zora: She and He in Slovakia Gender and Age in the Period of Transition. Bratislava : Institute for Public Affairs, 2008. 342 s. ISBN 978808934514 Pukánszky Béla: A nőnevelés története. 1. vyd. Budapest : Gondolat Kiadó, 2013. 228 s. ISBN 9789636932220 Pukánszky Béla: A gyermekkor története. 1. vyd. Budapest : Műszaki Könyvkiadó, 2001. 201s. ISBN 963 16 2782 9 Pukánszky Béla: Két évszázad gyermekei : A tizenkilencedik-huszedik század gyermekkorának története. 1. vyd. Budapest : Eötvös József Könyvkiadó, 2003. 308 s. ISBN 963 9316 65 2	

Vajda Zsuzsanna, Kósa Éva. Neveléslélektan. Budapest : Osiris Kiadó, 2005. 564 s. ISBN 963 389 728 9

**Language, knowledge of which is necessary to complete a course:**

Hungarian or Slovak Language

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

**Teacher:** prof. Dr. Béla István Pukánszki, DSc.

**Date of last update:** 27.01.2015

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ SCP/15	<b>Name:</b> social psychology
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 3.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.	
<b>Results of education:</b> Students will get wide picture about the interdisciplinary psychological trends being in context with the educational process such as group cohesion, attribution theory and sociometry, both on theoretical and practical level.	
<b>Brief syllabus:</b> Psychology and its interdisciplinarity in coherence with the science of nowadays. Social psychology and its 4 fields: individual, social relationships, group, crowd – characteristics, attributes. Social perception, social communication, social groups. Moreno and the sociometry. School environment and aspects of optimisation.	
<b>Literature:</b> Aronson Elliot: A társas lény. 1. vyd. Budapest : Akadémiai Kiadó, 2011. 504 s. ISBN 978 963 05 86283 Aronson Elliot: Columbine után : Az iskolai erőszak szociálpszichológiája. 1. vyd. Budapest : Ab Ovo Kiadó. 2009. 191 s. ISBN 978-963-9378-72-8. Boroš Július: Základy sociálnej psychológie : (pre študujúcich humánne, sociálne a ekonomické vedy) 1. vyd. : IRIS, 2001. 227 s. ISBN 8089018203 Csepeli György: A meghatározatlan állat : Szociálpszichológia kezdőknek és haladóknak. 1. vyd. Budapest : Jászöveg Műhely Kiadó, 2005. 324 s. ISBN 963 7052 25 9 Csepeli György: A szociálpszichológia vázlata. Budapest : Jászöveg Műhely Könyvkiadó. 2001. 160 s. ISBN 963 048 678 4 Goleman Daniel: Társas intelligencia = Az emberi kapcsolatok új tudománya. 3. vyd. Budapest. 506 s. ISBN 9789633100349	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 594	

A	B	C	D	E	FX
9.09	20.88	33.33	19.87	16.67	0.17
<b>Teacher:</b> prof. Dr. Béla István Pukánszki, DSc., PaedDr. Terézia Strédl, PhD.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ SKS/15	<b>Name:</b> School - school climate
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Duringthesemester, studentswillproduce a five-pagestudyorprepare a sociogramduringthepedagogicalpractice, whichpresents the front of thegroup. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%	
<b>Results of education:</b> The students learnmapping the factors of school-enviromental factors, learn about satisfactionmeasurement, cooperation. The student infored about the socialenvironment of micro- and meso-schoolenviroment.	
<b>Brief syllabus:</b> Socialization and socialspace. International trends and socialsegments. The schoolworld:theoreticaltrendsinschool, historicaloverview, types, schoolclimate, system and structure. Manifest, latent, fulfilled andunfulfilledneeds. Hidden curriculum. The microenvironment of school. Locality and theschool. Extra-curriculartasks. Leisureas a thirdsocializingarea. The school'smacroenvironment. Family, teachers, professionals, society - trends and tendencies. Schoolint he postmodern / IT world.	
<b>Literature:</b> Csoma Gyula: Elviszik-e a kutyák az iskolát? Móra Könyvkiadó : Budapest. 1983 Hvozdík Stanislav: Vybrané kapitoly zo školskej psychológie I. Prešov : FF P. Katedra psychológie. 1999. 402 s. ISBN 80 88922 038 Gajdošová Eva: Školský psychológ = a jeho vstup do humanizácie našich škôl. 1. vyd. Bratislava : PRÍRODA a. s. 1998. 190 s. ISBN 80 0701029 7 Nagy Ádám: Családon és iskolán túl - a harmadlagos szocializációs közeg és az ifjúságügy mint önálló terület elméleti alapjai. Excenter füzetek 3. Budapest : Excenter Kutatóközpont. 2010(www.excenter.eu., www.iufjúságugy.hu) Nagy Ádám: Ifjúságügy - ifjúsági munka és az ifjúság. Excenter füzetek 5. Budapest : Excenter Kutatóközpont. 2010. www.excenter.eu Székely Levente: Virtuális ifjúsági munka és az e-ifjúság. Excenter füzetek 5. Budapest : Excenter Kutatóközpont. 2010. www.excenter.eu Trencsényi László: Hetedik nekifutás az értékek útvesztőjében. Budapesti Nevelő. 2009/2. <a href="http://preview.fppti.hu/data/cms54391/2009.2.szam.teljes%29.pdf">http:// preview.fppti.hu/data/cms54391/2009.2.szam.teljes%29.pdf</a>	

Turek, Ivan: Moderné trendy vo výučbe na vysokých školách. 1. vyd. Komárno : Univerzita J. Selyeho. 2006. 496s. ISBN 80 89234135  
Zelina Miron: Stratégie a metódy rozvoja osobnosti. Bratislava : Iris, 1994. 162s. ISBN 80 96701347

**Language, knowledge of which is necessary to complete a course:**  
Hungarian or Slovak Language

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 80

A	B	C	D	E	FX
58.75	32.5	7.5	0.0	0.0	1.25

**Teacher:** Dr. habil. Ádám István Nagy, PhD.

**Date of last update:** 27.01.2015

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ SMP/15	<b>Name:</b> School management and school policy
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 1 <b>For the study period:</b> 13 / 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of study:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> xxx	
<b>Results of education:</b> xxx	
<b>Brief syllabus:</b> xxx	
<b>Literature:</b> Halász Gábor. A közoktatási rendszerek irányítása. Okker kiadó. 94 s. - ISBN 0009672. Halász Gábor. Az oktatás az Európai Únióban = Tanulás és együttműködés. - 1. vyd. - Budapest : Új Mandátum Könyvkiadó, 2012. - 376 s. - ISBN 978 963 287 053 3. Halász Gábor. Az oktatás minősége és az önkormányzati oktatásirányítás : Okker kiadó, 1996. - 364 s. - ISBN 9637315403. Halász Gábor. Az oktatási rendszer. - 1. vyd. - Budapest : Műszaki Könyvkiadó, 2001. - 215s. - ISBN 963-16-2769-1. Horváthová, Kinga, Manniová, Jolana. Úvod do školského manažmentu. - 1. vyd. - Ivanka pri Dunaji : AXIMA, 2008. - 179 s. - ISBN 978 80 969178 6 0. Školský manažment v nových spoločenských podmienkach (pre riadiacich pedagogických zamestnancov) = Zborník z medzinárodnej vedeckej konferencie / Kinga Horváthová. - 1. vyd. - Bratislava : Katedra pedagogiky Pedagogickej fakulty UK v Bratislave, 2008. - 182 s. - ISBN 978-80-969178-8-4. Horváthová, Kinga. Kontrola a hodnotenie v školskom manažmente. - 1. vyd. - Bratislava : Wolters Kluwer, 2010. - 106 s. - ISBN 978-80-8078-329-7. Albert Sándor. Iskolavezetés. - 1. vyd. - Selye János Egyetem : Komárom, 2007. - 82 s. - ISBN 978-80-89234-27-1. Albert Sándor. Minőségfejlesztés az iskolában. - Komárno : Selye János Egyetem, 2006. - 130. - ISBN 8089234127. Albert Sándor. Önértékelés és minőségbiztosítás az iskolában. - 1. vyd. - Pécs : Comenius Kft., 2009. - 108 s. - ISBN 978 963 9687 26 4. Kosová Beata. Transformačné premeny Slovenského školstva po roku 1989. - 1. vyd. - Banská Bystrica : Pedagogická fakulta Univerzity Mateja Bela, 2011. - 168 s. - ISBN 978-80-557-0275-9.	

<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 328					
A	B	C	D	E	FX
24.7	12.8	17.38	21.04	22.56	1.52
<b>Teacher:</b> Dr. habil. PaedDr. Kinga Horváth, PhD., prof. Dr. Béla István Pukánszki, DSc.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ SPP/15	<b>Name:</b> School prevention programs
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of study:</b> 4.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test end PPT. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%	
<b>Results of education:</b> The students acquire competences about prevention, healthdevelopment in schoolenvironment. The topic of the presentationis the prevention for students. Atthe end of the semester there is a testassessesacquired knowledge.	
<b>Brief syllabus:</b> Defininghealth. Biological, psychological, emotional, mental and socialhealth. Riskybehavior. General, selective and indicatedprevention. Primary, secondary, tertiaryprevention. Dependencies and types. The schoolriskfactors. The healthylifestyle. Calorie-balance. Mentalhealthconditions. School-basedpreventionprograms. Relaxation. Presentation and tapasztalatcsere.	
<b>Literature:</b> Bagdy Emőke: Személyiségfejlesztő módszerek az iskolában. Budapest : Nemzeti Tankönyvkiadó. 2002. 308 s. ISBN 9631922359. Bagdy Emőke. Pszichofitness. Budapest :ANIMULA, 2003.104 s. ISBN 9634080502 Buda Béla: A mentálhigiéné szemléleti és gyakorlati kérdései. Budapest : ANIMULA. 2002. 384 s. ISBN 963 05 2412 Labáth Vladimír: Expoprogram. Bratislava : Psychodiagnostika. 1991. 198 s. Metodické pokyny. www.statpedu. sk	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 487	

A	B	C	D	E	FX
29.16	35.32	23.41	5.34	6.37	0.41
<b>Teacher:</b> Dr. habil. Ádám István Nagy, PhD., PaedDr. Terézia Strédl, PhD.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KPD/SZdb/ SVZ/15		<b>Name:</b> Socio-Scientific and pedagogical-psychological basis of teaching			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> <b>Recommended extent of course ( in hours ):</b> <b>Per week: For the study period:</b> <b>Methods of study:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of study:</b>					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> The student's answer verbal subjects which are of pedagogical and psychological foundations that evaluated examination committee. Evolution: A – 90 -100%, B – 80 -89%, C – 70 -79%, D – 60 - 69%, E – 50 -59%.					
<b>Results of education:</b> Graduated from the Department Teaching academic subjects through common sociálnovedného, pedagogical and psychological basis for teachers to acquire knowledge of the problems of educational sciences and social and legislative context of education and training and the basics of digital, psychological and special pedagogical literacy teacher.					
<b>Brief syllabus:</b>					
<b>Literature:</b> The compulsory and elective subjects is given subject data sheets.					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b>					
<b>Date of last update:</b> 13.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ TEV/15	<b>Name:</b> Theory of education
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week: 2 For the study period: 26</b> <b>Methods of study:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of study:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%	
<b>Results of education:</b> The main goal of the subject is to transfer knowledge to the students about the mission of education, trends, to learning theoretical concepts in a historical context and the acquisition of basic skills of pedagogical thinking.	
<b>Brief syllabus:</b> Education tasks and aims. Reflexív- science theories before. Pragmatic-behavioral theory. Cognitive - behavioral theory. Humanistic theory-accrual of persona. Multimedia information-theory.	
<b>Literature:</b> Bábosik István. Nevelélmélet. - Budapest : Osiris Kiadó, 2004. - 615 s. - ISBN 963389655x. Budai Ágnes. Nevelélmélet gyakorlatközelben : A Majzik-jelenség. - 1. vyd. - Budapest : Műszaki Könyvkiadó, 2005. - 115s. - ISBN 963 16 4041 8. Péter Lilla. Nevelélméleti alapkérdések. - 1. vyd. - Kolozsvár : Kolozsvári Egyetemi Kiadó, 2008. - 203 s. - ISBN 978-973-610-738-2. Zelina Miron. Teórie výchovy alebo Hľadanie dobra. - 2. vyd. - Bratislava : SPN, 2010. - 232 s. - ISBN 978-80-10-01884-0. Pukánszky Béla. Iskola és pedagógusképzés. - 1. vyd. - Budapest : Gondolat Kiadó, 2014. - 182 s. - ISBN 9789636932282. Pukánszky Béla. A gyermekkor története. - 1. vyd. - Budapest : Műszaki Könyvkiadó, 2001. - 201s. - ISBN 963 16 2782 9. Pukánszky Béla. Két évszázad gyermekei : A tizenkilencedik-huszedik század gyermekkorának története. - 1. vyd. - Budapest : Eötvös József Könyvkiadó, 2003. - 308 s. - ISBN 963 9316 65 2. Vajda Zsuzsanna, Kósa Éva. Neveléslélektan. - 1. vyd. - Budapest : Osiris Kiadó, 2005. - 564 s. - ISBN 963 389 728 9. - ISSN 1218-9855.	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language	

**Notes:****Evaluation of subjects**

Total number of evaluated students: 220

A	B	C	D	E	FX
12.27	16.82	21.82	25.45	20.45	3.18

**Teacher:** prof. Dr. Béla István Pukánszki, DSc.**Date of last update:** 27.01.2015**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KPD/SZdb/ VDP/15		<b>Name:</b> General education and history education			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week: 2 For the study period: 26</b> <b>Methods of study:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of study:</b> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.					
<b>Results of education:</b> The students will receive a brief overview of the history of education, taxonomy, pedagogical concepts, and the laws of pedagogy.					
<b>Brief syllabus:</b> Introduction to the history of pedagogy. Education in ancient Greece, Egypt, Athens, and Sparta. Democritos, Socrates, Plato, Aristotle. Hellenic era, Roman Empire. Education in feudalism, the early Middle Ages. Comenius, Locke, Rousseau, Pestalozzi, Tesedík, Lehotsky,. The history of education in Slovakia. The new education movement. Educational theories. The approach of Bertrand. Pragmatic-behavioral, cognitive-scientific, humanistic, and personalist trends. Pedagogical models, their analysis and importance in today's educational practice. Patterns of educational situations. The practical application of educational theory. Compilation of evaluation scales, introduction of the "rating". Monitoring methodology and its analysis in the classroom.					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 632					
A	B	C	D	E	FX
29.11	32.28	22.78	10.28	5.54	0.0
<b>Teacher:</b> prof. Dr. Béla István Pukánszki, DSc.					
<b>Date of last update:</b> 27.01.2015					

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki,  
DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ VPS/15	<b>Name:</b> Developmental psychology
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.	
<b>Results of education:</b> Student will learn fylogenetetic and ontogenetic development patterns, the characteristics of the developments periods focused to students.	
<b>Brief syllabus:</b> History and main trends of developmetnalpsychology. Developmentalperiodizationas per differentauthors (L. Nagy, S. Freud, Erikson, J. Piaget) and itscomparation. Psychicaldevelopmetnindifferentages: prenatal, natal, postnatal, pre-schoolage, schoolage, teenage, adolescence. Adult life periods: early, middle and matureadult, senior life and death. Developmentspecifics a ser theircharacteristics: optimal, slowed, late, pathological and disharmonical.	
<b>Literature:</b> Atkinson L. Rita: Pszichológia. Budapest : Osiris Kiadó, 2005. 852 s. ISBN 9633897130. Bordás Sándor, Forró Zsuzsa, Németh Margit, Stredl Terézia: Pszichológiai jegyzetek. 3. vyd. Komárom : Valeur s.r.o. 2009. 320s. ISBN 9788089234851 Cole Michael: Fejlődéslelektan. Budapest : Osiris Kiadó, 2003. 810 s. ISBN 9633894735 Erényi Tibor at all.: Freud, avagy a modern individuum felfedezése. Budapest : Napvilág, 1997. 98. ISBN 9639082015 Mérei Ferenc - Binet V. Ágnes: Gyermeklelektan. Budapest : Medicina Könyvkiadó, 2006. 303 s. ISBN 963 226 027 9 Inhelder Barbel, Jean Piaget: A gyermek logikájától az ifjú logikájáig : A formális műveleti struktúrák kialakulása. Budapest : Akadémiai Kiadó. 1984. 336 s. ISBN 963 05 3642 0. Zelina Miron: Stratégie a metódy rozvoja osobnosti : Metódy výchovy. 2. vyd. Bratislava : Iris. 1996. 234 s. ISBN 8096701347	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language	
<b>Notes:</b>	

**Evaluation of subjects**

Total number of evaluated students: 595

A	B	C	D	E	FX
7.39	16.97	26.89	29.58	16.97	2.18

**Teacher:** prof. Dr. Béla István Pukánszki, DSc., PaedDr. Terézia Strédl, PhD.**Date of last update:** 27.01.2015**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KPD/SZdb/ VUM/15		<b>Name:</b> education through art			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Seminar <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present					
<b>Number of credits:</b> 1					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.					
<b>Results of education:</b> The student know elementary of knowledge in the field of fine arts in education (education through art), such as music education, visual arts, art and aesthetics, controlled by national educational program ISCED 2 arts education (educational area: Arts and Culture).					
<b>Brief syllabus:</b> 1. Introduction – characteristics of the subject Fine arts 2. Main goals – cognitive, affective and psychomotoric goals 3. Contents of the subject, thematic sections 4. Sound and vision – language of art 5. Tradition and identity 6. Fine art 7. Inspiration 8. Art and science 9. Popular culture 10. Project in fine art 11. Competences in the subject: knowledge, skills and competences, attitudes 12. Methodical instructions 13. Teaching methods and techniques					
<b>Literature:</b>					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> Mgr. Anita Tóth-Bakos, PhD.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD. Guaranteedprof. Dr. Béla István Pukánszki, DSc. Guaranteedprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KPD/SZdb/ ZVP/15	<b>Name:</b> Fundamentals of General Psychology
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 <b>For the study period:</b> 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of study:</b> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test. Condition for successful completion of this course is to obtain at least 50% of the maximum possible assessment of the subject. Evaluation: A - 90 -100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.	
<b>Results of education:</b> The goal is to clarify the basic theoretical knowledge of general psychology and to bring psychology as a scientific discipline in terms of its historical development, research and theories. Mastering this knowledge is necessary not only for the management of other psychological disciplines, but also for understanding the functioning mechanisms of the human psyche. Student after completion of the course: can define individual psychological concepts such as memory, thinking, language, etc., knows the functioning mechanisms of cognitive, emotional and motivational processes, identifies various psychological approaches examining the psyche of the individual, their specifics and can apply his knowledge to solve practical problems in various areas of social life, but especially in educational practice.	
<b>Brief syllabus:</b> 1. Introduction 2. Main goals and methodology 3. Nature and nurture, neuropsychology 4. Sensation and perception 5. Thinking 6. Language and communication 7. Memory 8. Learning 9. Emotions 10. IQ and creativity 12. Motivation 12. Personality 13. Coping	
<b>Literature:</b> Atkinson L. Rita: Pszichológia. Budapest : Osiris Kiadó, 2005. 852 s. ISBN 9633897130. Bordás Sándor, Forró Zsuzsa, Németh Margit, Stredl Terézia: Pszichológiai jegyzetek. 3. vyd. Komárom : Valeur s.r.o., 2009. 320s. ISBN 9788089234851 Bugán A., Pléh Cs: Fejezetek a pszichológia alapterületeiből. Budapest : ELTE Eötvös Kiadó, 2000. 408 s. ISBN 9634633838 Pléh Csaba: A lélektan története. 2. vyd. Budapest : Osiris Kiadó, 2010. 652 s. ISBN 978 963 276 0520 Pléh Csaba, Boross Otília: Akadémiai lexikonok - Pszichológia : A pszichológia legfontosabb fogalmai magyar és angol nyelven. 1. vyd. Budapest : Akadémiai Kiadó, 2010. 403 s. ISBN 978 963 8658 0	

<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak Language					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 825					
A	B	C	D	E	FX
8.24	17.09	25.45	21.09	24.73	3.39
<b>Teacher:</b> prof. Dr. Béla István Pukánszki, DSc., Mgr. Anita Tóth-Bakos, PhD.					
<b>Date of last update:</b> 27.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					