

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ ANT1/15	<b>Name:</b> Anthropology I
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <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> Protocols of practical exercises - 10%, oral exam - 90%. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50%. Credits are not awarded to students who do not achieve 50%.	
<b>Results of education:</b> Students acquire basic knowledge in functional human anatomy, including Hungarian, Slovak and Latin nomenclature.	
<b>Brief syllabus:</b> Anatomical nomenclature, basic planes directions and the axis of the body. Skeletal system. Anatomy of the skull, bones of the upper and lower extremities. Muscular system. Overview of the main muscle groups - head, neck, body, arms and legs. The respiratory system. Anatomy of the upper and lower respiratory tract. Digestive system. Anatomical structure of organs. Vascular system. Anatomy of the heart and blood vessels. Lymphatic system. The spleen, lymphatic vessels. Urinary system. Anatomical structure of the kidneys, urinary tract. Genital organs. Reproductive system. Nervous system. Central nervous system, brain, spinal cord, peripheral nervous system - head and spinal nerves. Sensory organs. The anatomical structure of the eyes, positionally and hearing organs, olfactory organs, gustatory organs, and the skin.	
<b>Literature:</b> Čihák, R.: Anatomie I.-III. Avicenum Praha, 1987, 1989, 1997. ISBN 80-7169-970-5 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 : Scholar 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.: Biologie 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

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

Hungarian or Slovak

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 110

A	B	C	D	E	FX
30.91	17.27	20.0	8.18	6.36	17.27

**Teacher:** doc. Dr. Csaba Szinetár, CSc., PaedDr. Melinda Nagy, PhD.

**Date of last update:** 17.12.2014

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ BAC-B/15		<b>Name:</b> Bachelor Thesis with Defense			
<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> Thesis defense, which is evaluated by the state exams. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50%. Credits are not awarded to student, who do not achieve 50%.					
<b>Results of education:</b> Student presents basic knowledge, habits and theoretical and practical skills required for work associated with the planning, research implementation in biology and publishing.					
<b>Brief syllabus:</b> Work submitted includes parts in accordance with the current directive of the Rector about the final thesis.					
<b>Literature:</b> Study literature mentioned in the assigned topic.					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or 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>					
<b>Date of last update:</b> 19.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ BCH1/15	<b>Name:</b> Biochemistry and Molecular Biology I
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 <b>For the study period:</b> 26 / 13 <b>Methods of study:</b> present	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester of study:</b> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Protokols - 10%, oral exams - 90%. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50% Credits are not awarded to student, who do not achieve 50%.	
<b>Results of education:</b> Students acquire basic knowledge about the mechanisms of replication, transcription, translation - the molecular basis of heredity, transfer of genetic information and its expression during ontogenesis.	
<b>Brief syllabus:</b>	
<b>Literature:</b> BÁLEŠ, V., MÉSZÁROS, A., POLAKOVIČ, M., ŠTEFUCA, V.: Biochemické technológie / Biochemical Technologies. - 1. vyd. - Bratislava : AB- Art, 2003. - 128 s. - ISBN 80-89006-75-2 BRECHTLOVÁ, M., HALČÁK, L.: Lekárska biochémia : Seminárna a praktická časť. - 3. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2007. - 168 s. - ISBN 978-80-223-2304-8 GÁLOVÁ, Z., SALAJ, J., MATUŠÍKOVÁ, I.: Molekulárna biológia. - 2. vyd. - Nitra : Slovenská poľnohospodárska univerzita, 2007. - 165 s. - ISBN 978-80-8069-951-2 MANDL, J.: Biokémia : Aminosavak, peptidek, szénhidrátok, lipidek, nukleotidok, nukleinsavak, vitaminok és koenzimek szerkezete és tulajdonságai - 1. vyd. - Budapest : Semmelweis Kiadó, 2006. - 176 s. - ISBN 963 9656 18 6 VODRÁŽKA, Z.: Biochemie . - 1. vyd. - Praha : Academia, 2007. - 190 s. - ISBN 978-80-200-0600-4 WATSON, J.D. A KOL.: Rekombinantní DNA, Academia, Praha, 1988, 294 strán	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 153	

A	B	C	D	E	FX
34.64	12.42	33.99	11.76	7.19	0.0
<b>Teacher:</b> prof. Dr. János Nemcsók, DSc.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ BCH2/15		<b>Name:</b> Biochemistry and Molecular Biology II			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <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> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> Protokols - 10%, oral exams - 90%. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50% Credits are not awarded to student, who do not achieve 50%.					
<b>Results of education:</b>					
<b>Brief syllabus:</b>					
<b>Literature:</b> BÁLINT, M.: Molekuláris biológia I-II. -Műszaki Könyvkiadó, 2006, 414 oldal, ISBN: 9631626547 BÁNFALVI, G.: Molekuláris sejtbiológia. - 1. vyd. - Debrecen : Kossuth Egyetemi Kiadó, 2004. - 440s BRECHTLOVÁ, M., HALČÁK, L.: Lekárska biochémia : Seminárna a praktická časť. - 3. vyd. - Bratislava : Univerzita Komenského v Bratislave, 2007. - 168 s. - ISBN 978-80-223-2304-8 DARNELL, J.: Molecular cell biology: Scientific American Book, 1986. - 1188. - ISBN 0716714485 Elődi, P.: Biokémia, Akadémiai Kiadó, Budapest 1989, 935 s. GÁLOVÁ, Z., SALAJ, J., MATUŠÍKOVÁ, I.: Molekulárna biológia. - 2. vyd. - Nitra : Slovenská poľnohospodárska univerzita, 2007. - 165 s. - ISBN 978-80-8069-951-2 WATSON, J.D. A KOL.: Rekombinantní DNA, Academia, Praha, 1988, 294 strán					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak					
<b>Notes:</b>					
<b>Evaluation of subjects</b> Total number of evaluated students: 80					
A	B	C	D	E	FX
43.75	33.75	15.0	6.25	1.25	0.0
<b>Teacher:</b> prof. Dr. János Nemcsók, DSc., PaedDr. Melinda Nagy, PhD.					
<b>Date of last update:</b> 17.12.2014					

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ BOT1/15	<b>Name:</b> Botany I
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <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> 1.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> 2 exams during the semester each 25 points. A minimum of 25 points must be acquired during the semester to get accepted to the final exam. Final exam 50 points. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%.	
<b>Results of education:</b> By completing this course the student will gain knowledge about the anatomy and morphology the vascular plant. Students can use this to the determination of plants	
<b>Brief syllabus:</b> The definition of basic concepts. A brief history of botany. Organs of the plant, characterization and general morphological characteristics, germination of the vascular plant. The root: the primary and secondary structure. The root of monocots and dicots. Modified roots. Stem: tissues, primary and secondary structure. Monocots and dicots stem structure. Modified stems. Morphology - importance, phylogeny, ontogeny, Theory of Teloma. The leaf: Structure and tissues. The grasses, C4 plants and conifers metabolisers leaves. Morphology – anatomy, veins of the leaf blade morphology, simple and compound leaves, leaf development, leaf angles, filotaxis. Formula flowers and flower chart. Flowers: Introduction to plant embryology. The stamens, microsporogenesis, pollen formation and structure. The production, eise, the structure of the embryo sac. Morphology - simple and complex inflorescence, the flower - structure, floral landscapes, stamens, growing. Fruits: The fertilization. The embryo formation and structure. Pollination, fertilization, seed and maturity of harvest, crop types, and spread the seeds of the fruit. Vegetative and sexual reproduction.	
<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: 174	

A	B	C	D	E	FX
6.32	9.2	16.09	12.64	45.4	10.34
<b>Teacher:</b> prof. Dr. János Nemcsók, DSc., Ing. Pavol Balázs, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ BOT2/15		<b>Name:</b> Botany II			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <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> 2.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> 2 exams during the semester each 25 points. A minimum of 25 points must be acquired during the semester to get accepted to the final exam. Final exam 50 points. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%.					
<b>Results of education:</b> After successful absolution of the subject the student will gain knowlege about algae and fungi, know their taxonomy, the bigger groups of them and their respective characterization. The student will learn their importnace in the natural systems and their usability for the humankind.					
<b>Brief syllabus:</b> Phylogenetics of Cyanobacteri, Algae, Fungi and Fungi-like organisms and their significance for the nature and for the humankind.					
<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: 155					
A	B	C	D	E	FX
16.77	16.77	7.1	7.1	42.58	9.68
<b>Teacher:</b> prof. Dr. János Nemcsók, DSc., Ing. Pavol Balázs, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ BOT3/15		<b>Name:</b> Botany III			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 2 <b>For the study period:</b> 26 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 6					
<b>Recommended semester/trimester of study:</b> 3.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> 2 exams during the semester each 25 points. A minimum of 25 points must be acquired during the semester to get accepted to the final exam. Final exam 50 points. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%.					
<b>Results of education:</b> After successful absolution of the course the student will know the main characteristics of mosses, ferns, gymnosperms, angiosperms, representative species of each group. The student will learn their importance and their usability for the humankind.					
<b>Brief syllabus:</b> History of botany. Taxonomic Categories, the hierarchy system. Sources of taxonomic information. Hepatophyta, Anthocerotophyta, Bryophyta, Lycopodiophyta, Equisetophyta, Pteridophyta, Cycadophyta, Ginkgophyta, Gnetophyta, Pinophyta, Magnoliophyta. The main directions of the evolution of vascular plants. Flora and vegetation. Evolution/Development of the Slovakian flora. Protection of flora.					
<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: 120					
A	B	C	D	E	FX
10.0	5.0	5.83	6.67	60.0	12.5
<b>Teacher:</b> prof. Dr. János Nemcsók, DSc., Ing. Pavol Balázs, PhD.					
<b>Date of last update:</b> 17.12.2014					

**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki,  
DSc.Guaranteeprof. Dr. János Nemesók, 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> KBIO/Bdb/ BPO/15		<b>Name:</b> Biopolitics			
<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> 2 <b>For the study period:</b> 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>					
<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: 85					
A	B	C	D	E	FX
47.06	48.24	4.71	0.0	0.0	0.0
<b>Teacher:</b> prof. Dr. János Nemcsók, DSc.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, 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> KBIO/Bdb/ DIE/15		<b>Name:</b> Dietetics			
<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: 2 For the study period: 26</b> <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 Exam: 100 points maximum. Grading: A – 100 - 90%, B – 89 - 80%, C – 79 - 70%, D – 69 - 60%, E – 59 - 50%. 0–49 Failed/Unsatisfactor.					
<b>Results of education:</b> Students gain advanced knowledge of human and animal nutrition.					
<b>Brief syllabus:</b> Introduction. Components of Nutrition. Food Contaminants Contamination of Foodstuffs. Principles of Human Nutrition. Nutrition Education. Animal Nutrition and Veterinary Dietetics. Nutritional Value of Food. A nutrient cycle. Future prospects for food and feed security. Using Modern Agricultural Technology to Increase Production, Food Security, and Profitability. Future Prospects.					
<b>Literature:</b> DELI MAGDA, S.: A beteg gyermek diétáskönyve. Medicina, 1981. 310. ISBN 963 240 881 0. HOPFENZITZOVÁ, P.: Minerálne látky : Aby sme boli fit. 1. vyd. : Media klub, 1999. 88 s. ISBN 80-88963-22-2. PRINCIPAL, V.: Moje diéta. 1. vyd. : Copyright, 1991. 281s. ŠIMONEK, J.: Pohyb a zdravie. 1. vyd. - Bratislava : PEEM, 2010. 155s. ISBN 978-80-8113-034-2. WARD, E.M.: A diétázás bibliája. 1. vyd. Pécs : Alexandra Kiadó, 2005.320 s. ISBN 963 369 475 2.					
<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> Ing. Pavol Makovický, PhD.					

**Date of last update:** 17.12.2014

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ EMB/15	<b>Name:</b> Embryology and education for parenthood
<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: 2 For the study period: 26</b> <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> Study - 50%, and final test - 50%. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50%. Credits are not awarded to students who do not achieve 50%.	
<b>Results of education:</b> Students acquire basic knowledge of embryonic and fetal development in humans and of the various factors that influence this development.	
<b>Brief syllabus:</b> Human embryology, topographical terms in embryology, basic developmental processes. Genitals and reproductive cells. Gametogenesis - spermatogenesis and oogenesis. The reproductive cycle of women - uterine and ovarian cycle. Overview of mans ontogenetic development. Fertilized egg, Blastogenesis. Implantation of blastocysts, trophoblast, embyoblast. Germ blasts and extraembryonal components. Primitive organs of the embryo, forming the body of the embryo. Placenta - structure and function of the placenta, abnormalities in the shape and position of the placenta. Umbilical cord, fetal membranes. The development of the outer shape of the embryo and feta, determining of the age of embryo or feta. Head and neck, gill arches and gill slits. External genital organs. Development of internal organs - nervous system. The development of the cardiovascular system, placental blood flow. Development of the digestive system, respiratory system, urogenital organs and musculoskeletal system. Hormonal influences during pregnancy. Environmental factors - physical, chemical, biological. Developmental disorders and birth defects. Postnatal development of the individual, characteristics of the newborn. The distribution of age periods in human life. Sex, gender and gender stereotypes. Sexual and reproductive health and rights. Sex education for primary and secondary schools. Planned parenthood.	
<b>Literature:</b> Hajn, V.: Antropologie II. - 1. vyd. - Olomouc : Univerzita Palackého v Olomouci, 2001. - 206 s Kapeller, K.: Embryologický Atlas/Atlas of embryology. - 1. vyd. - Bratislava : Vydavateľstvo OSVETA, 1996. - 120 s. - ISBN 80-217-0549-3 Mohay, J.: Genetika (kislexikon). Natura, 1986. - 180 s. - ISBN 963 233 119 2 POSPÍŠIL, M.: Biológia človeka I. Prírodovedecká fakulta UK Praha, 1998, 340s. ISBN 80-223-1579-6 Sadler, T.W.: Orvosi embriológia. Medicina Könyvkiadó Zrt., 2008, ISBN: 9789632261355	

Snustad, P.D., Simmons, M.J.: Genetics, 6th Edition International Student Version. 2012, 784 pages, ISBN : 978-1-118-09242-2  
STANEK, I.: Embryológia človeka. SAV Bratislava, 1972, 404s.  
Szilágyi, V.: Szexuálpedagógia. Szexuális egészségnevelés. - 1. vyd. - Budapest : Athenaeum 2000 Kiadó, 2006. - 223 s. - ISBN 963 9615 51 X

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

Hungarian or Slovak

**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:** PaedDr. Melinda Nagy, PhD.

**Date of last update:** 17.12.2014

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ ETI/15		<b>Name:</b> Ethics for Biologists			
<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> 2 <b>For the study period:</b> 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> Final Exam: 100 points maximum. Grading: A – 100 - 90%, B – 89 - 80%, C – 79 - 70%, D – 69 - 60%, E – 59 - 50%. 0–49 Failed/Unsatisfactor.					
<b>Results of education:</b> Students taking this course will be able to Identify and discuss basic principles of bioethical practice. Provide rational justifications for ethical decisions.					
<b>Brief syllabus:</b> Bioethics: Basic Definition & Principles. Environmental ethics. Genetic engineering. Genetically modified organisms. Bioethics and the Use of Laboratory Animals. Eugenics. Abortion debate. 8. Surrogacy. Abortion. Death and dying. Euthanasia. Cloning.					
<b>Literature:</b> BALÁZS, P.: Bioetika : Az emberi élet erkölsteológiája. 1. vyd. - Veszprém : VEK -Veszprémi Egyetemi Kiadó, 1995. 53 s. FERÁK, V. – SRŠEŇ, Š.: Genetika človeka. 1. vyd. - Bratislava : Pedagogické Nakladateľstvo, 1981. 440 s. GAIZLER, G.: Bioetika. 1. vyd. - Budapest, 1999. 285 s. MAKÓ, J. – ULLRICH, Z.: Bioetika – Ökumené. Budapest : Széphalom Könyvműhely, 2003. 332. - ISBN 963 9373 44 3. VARGHA, B.: Eutanázia. - Komárno : Selye János Egyetem, 2011. - DM.4504-TF.11.29B.2B. 74 s					
<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: 80					
A	B	C	D	E	FX
80.0	12.5	5.0	1.25	1.25	0.0
<b>Teacher:</b> Ing. Pavol Makovický, PhD.					
<b>Date of last update:</b> 17.12.2014					

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ FYP/15		<b>Name:</b> Phytopathology			
<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> 2 <b>For the study period:</b> 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> Final Exam: 100 points maximum. Grading: A – 100 - 90%, B – 89 - 80%, C – 79 - 70%, D – 69 - 60%, E – 59 - 50%. 0–49 Failed/Unsatisfactor.					
<b>Results of education:</b> Acquire basic knowledge about the relationship of plants and pathogens in diagnostic methods and the biology of important pathogens of field crops and garden plants.					
<b>Brief syllabus:</b> Characteristics of non-cellular pathogenic microorganisms. Characteristics of prokaryotic pathogenic microorganisms. The characteristics of eukaryotic pathogenic microorganisms - Methods for diagnostics of pathogenic microorganisms - harmfulness of pathogenic microorganisms - Methods of protecting plants against pathogens.					
<b>Literature:</b> HORVÁTH, J.: Növényvírusok. Budapest : Mezőgazda Kiadó, 1999. 430 s. ISBN 963 9239 372. HUSZÁR, J., HUDEC, K. : Atlas chorôb ovocných druhov a viniča hroznorodého. Vydavateľstvo Perexis, 2004. s. 84, ISBN 80- 967853-2-X HUSZÁR, J. - BOKOR, P. - HUDEC, K.: Choroby záhradníckych rastlín. SPU Nitra, 2006, s. 127. Tretie prepracované vydanie. ISBN 80-7137-744-9 KÚDELA, V.: Obecná fytopatologie. Academia Praha, 1989: 388 s. ŽEMLA, J. a kol.: Všeobecná virológia. SAP Bratislava, 1995. 238 s. ŽEMLA, J. a kol.: Špeciálna virológia. SAP Bratislava, 1998. 226 s.					
<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: 106					
A	B	C	D	E	FX
28.3	25.47	13.21	12.26	18.87	1.89
<b>Teacher:</b> Ing. Pavol Makovický, PhD.					

**Date of last update:** 17.12.2014

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ FYR/15		<b>Name:</b> Plant Physiology			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 2 <b>For the study period:</b> 13 / 26 <b>Methods of study:</b> present					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester of study:</b> 5.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> 2 exams during the semester each 25 points. A minimum of 25 points must be acquired during the semester to get accepted to the final exam. Final exam 50 points. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%.					
<b>Results of education:</b> By completing this course the student will learn the basics of plant physiology:					
<b>Brief syllabus:</b> Photosynthesis The dissimilation The nitrogen cycle The mineral nutrition The interior material distribution of plants Growth of plants, regulating of growth, plant hormones Ontogenesis of plants Plant movements					
<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: 112					
A	B	C	D	E	FX
8.04	10.71	8.93	12.5	47.32	12.5
<b>Teacher:</b> prof. Dr. János Nemcsók, DSc., Ing. Pavol Balázs, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ FYZ/15	<b>Name:</b> Animal and Human Physiology
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 2 / 1 <b>For the study period:</b> 26 / 13 <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> Protocols of practical exercises - 10%, oral exam - 90%. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50%. Credits are not awarded to students who do not achieve 50%.	
<b>Results of education:</b> Students acquire basic knowledge about the physiology of animals and humans, and about the importance of physiology in the study of related biological subjects.	
<b>Brief syllabus:</b> Basic physiological terms. Physiology of blood and blood-forming organs. Physiology of respiration. Thermoregulation. Physiology of the cardiovascular system. Physiology of the gastrointestinal tract. The position of the liver and its functions in the body. Physiology of nutrition and energy metabolism. General properties of conducting and excitable systems. The functions of the peripheral and central nervous system. Work of striated and smooth muscle. Functions of the sensory analyzers. Hormonal regulation. Physiology of reproduction. Physiology of excretion.	
<b>Literature:</b> Čalkovská, A.: Fyziológia človeka : pre nelekárske študijné programy. - 1. vyd. - Martin : Osveta, 2010. - 220 s. - ISBN 978-80-8063-344-8 Hill, R.W. et al.: Animal Physiology. 3rd ed., 2012, ISBN 978-0-87893-559-8 Kiss, J.: Élettan : Feladatok és megoldásaik. Budapest : Typotex, 2004. - 660s. - ISBN 963 9548 07 3. Mysliveček, J., Trojan, S.: Fyziologie do kapsy. Praha : Triton, 2004. - 466s. - ISBN 80-7254-497-7 Mader, S. S.: Human biology. Wm. C. Brown Publishers, USA, Third edition 1992. 500 s. - ISBN 0-697-12333-2 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 Reece, W.R.: Fyziologie a funkční anatomie domácích zvířat. 2., rozšířené vydání, Vydavatelství: Grada, 2010, 473 strán, ISBN: 9788024732824 Rudas, P.: Az állatorvosi élettan alapjai. Budapest : Springer Hungarica Kiadó Kft., 1995. - 610 s. - ISBN 963 8455 08 X	

Szentágothai, J.: Funkcionális anatómia I.-III. Budapest : Medicina Könyvkiadó, 2006. - 710, 600, 800. - ISBN 963 242 565 0

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

Hungarian or Slovak

**Notes:**

**Evaluation of subjects**

Total number of evaluated students: 82

A	B	C	D	E	FX
30.49	19.51	26.83	8.54	8.54	6.1

**Teacher:** doc. Dr. Csaba Szinetár, CSc., PaedDr. Melinda Nagy, PhD.

**Date of last update:** 17.12.2014

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ GEN1/15	<b>Name:</b> Genetics I
<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> 2.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b>	
<b>Conditions for passing the subject:</b> Final test - 100%. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50%. Credits are not awarded to students who do not achieve 50%.	
<b>Results of education:</b> Students acquire basic knowledge of heredity in plants animals and humans.	
<b>Brief syllabus:</b> Definition of basic terms. A brief history of the issue. Basis of the genetic terminology. Genetic code. The central dogma. Basis of regulation of genetic system. Mendel's laws. Classical genetics. Mutations.	
<b>Literature:</b> Borissza, E.: Ötösöm lesz genetikából. - Budapest : Calibra, 0. - 144. - ISBN 963 686 2117 Ferák, V., Sršeň, Š.: Genetika človeka. SPN, Bratislava, 1990. 488 s., ISBN 80-08-00349-9 Hraška, Š. a kol.: Základy genetiky. UKF Nitra, 1997. 230 s. - ISBN 80-8050-137-8. Mohay, J.: Genetika (kislexikon). Natura, 1986. - 180 s. - ISBN 963 233 119 2 Poráčová, J., Nagy, M., Zahatňanská, M. et al.: Biometria živočíchov a človeka. Prešovská univerzita v prešove, FHPV, Univerzita J. Selyeho v Komárne, PF, Centrum excelentnosti ekológie, živočíchov a človeka, PU v Prešove, Prešov, 2011, p. 357, ISBN 978-80-555-0475-9 Rédei, P. Gy.: Genetika. Mezőgazdasági Kiadó, 1987. 830 s - ISBN 963 232 287 8 Snustad, P.D., Simmons, M.J.: Genetics, 6th Edition International Student Version. 2012, 784 pages, ISBN : 978-1-118-09242-2 Vodrážka, Z.: Biochemie. - 1. vyd. - Praha : Academia, 2007. - 190 s. - ISBN 978-80-200-0600-4. Watson, J.D.: DNS az élet titka. - 1. vyd. - Budapest : HVG Könyvek, 2004. - 450s. - ISBN 963 7525 564	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak	
<b>Notes:</b>	
<b>Evaluation of subjects</b> Total number of evaluated students: 153	

A	B	C	D	E	FX
18.95	15.03	15.69	22.22	25.49	2.61
<b>Teacher:</b> PaedDr. Melinda Nagy, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. János Nemesók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ HIC/15		<b>Name:</b> Hystology and Cytology			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <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> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> Final test 50% Exercises: 50% Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%. Under 50% no credit will be given.					
<b>Results of education:</b> The student will gain knowledge of the cell, as the structural and functional base unit of the plants and animals furthermore get introduced to the structure, morphology and function of the different cells and tissues.					
<b>Brief syllabus:</b> The short history of cytology and histology. Structure of a prokaryotic and an eukaryotic cell. Characterization of a plant cell, animal cell and fungal cell. The chemical composition of cells. The structure and functions of the cells: the biological membranes, the nucleus and nucleolus, lysosomes, microtubules, endoplasmic reticulum, mitochondria, plastids, ribosoms, Golgi apparatus. Cell reproduction: mitosis, meiosis, cytokinesis. Plant tissues: meristems, basic mechanical tissue, skin tissue, assimilating tissues, ventilating tissue, secreting mucus and tissue holder, tissue suppliers. Definition and characterization of the floem and xylem. Animal tissues: epidermis, connective tissue, muscle tissue, nerve tissue, etc.					
<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: 161					
A	B	C	D	E	FX
25.47	27.33	37.27	6.21	3.73	0.0
<b>Teacher:</b> doc. Dr. Csaba Szinetár, CSc., PaedDr. Melinda Nagy, PhD.					
<b>Date of last update:</b> 17.12.2014					

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ CHM1/15		<b>Name:</b> Chemistry I			
<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> 2 <b>For the study period:</b> 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: 150					
A	B	C	D	E	FX
23.33	18.67	18.0	19.33	17.33	3.33
<b>Teacher:</b> Mgr. Katarína Szarka, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemesók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ CHM2/15		<b>Name:</b> Chemistry II			
<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> 2 <b>For the study period:</b> 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: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Teacher:</b> doc. RNDr. Róbert Gyepes, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ OKB1/15		<b>Name:</b> Professional Conversation for Biologists I			
<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> 2 <b>For the study period:</b> 26 <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> Final Exam: 100 points maximum. Grading: A – 100 - 90%, B – 89 - 80%, C – 79 - 70%, D – 69 - 60%, E – 59 - 50%. 0–49 Failed/Unsatisfactor.					
<b>Results of education:</b> .					
<b>Brief syllabus:</b> Professional conversations: Zoology, Botany, Chemistry. Genetics, Ethology, Laboratory practical, Cell biology, Anthropology.					
<b>Literature:</b> ĎURECHOVÁ, E.: Průručka prvej pomoci. 1. vyd. - Bratislava : PERFEKT a.s., 2003. 290s. ISBN 80-8046-223-2. NAGY, M.: Humánbiológia. Komárno : Selye János Egyetem, 2006. 250 s. ISBN 8080622833. NOVÁK, J. – SKALICKÝ, M.: Botanika : Cytologie, histologie, organologie, systematika. 2. vyd. - Praha : Powerprint, 2009.352 s. ISBN 978-80-904011-5-0. PETŘVALSKÝ, V.: Zoológia. 3. vyd. Nitra : Slovenská poľnohospodárska univerzita, 2010. - 136 s. ISBN 978-80-552-0465-9. TÓTH, Z.: Bevezetés a Kémiába : Fizikai-kémiai laboratóriumi gyakorlatok biológiaszakos halgatók számára. 1. vyd. - Debrecen : Kossuth Egyetemi Kiadó, 2002. 89 s. WOLF, J.: ABC človeka. 1. vyd. - Praha : Orbis, 1977. 462s.					
<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: 96					
A	B	C	D	E	FX
22.92	14.58	15.63	22.92	17.71	6.25
<b>Teacher:</b> Ing. Pavol Makovický, PhD.					
<b>Date of last update:</b> 17.12.2014					

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ PAC/15	<b>Name:</b> Comparative Anatomy of Chordates
<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> 2 exams during the semester, each 25 points. A minimum of 25 points must be acquired during the semester to get accepted to the final exam. Final exam 50 points. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%.,	
<b>Results of education:</b> The student will gain knowledge of the phylogenesis of the integument-, skeletal-, muscle-, nerve-, digestive-, the vascular-, respiratory-, urinary -, genital system and sensory organs.	
<b>Brief syllabus:</b> 1. 1. The integumentary system of the chordates I. 2. 2. The integumentary system of the chordates II. 3. 3. The musculoskeletal system of the chordates I: 4. 4. The musculoskeletal system of the chordates II: 5. 5. The vascular system I 6. 6. The vascular system II. The heart of the vertebrates 7. 7. The respiratory system I. 8. 8. The respiratory system II. The lungs of the vertebrates. 9. 9. Sensory organs. The eye of the vertebrates 10. 10. Anatomy of chordates. The central nervous system of fish. 11. 11. The central nervous system of vertebrates. 12. 12. Vertebrate Morphology I. 13. 13. Vertebrate Morphology II.	
<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: 110	

A	B	C	D	E	FX
22.73	30.91	17.27	19.09	1.82	8.18
<b>Teacher:</b> doc. Dr. Csaba Szinetár, CSc.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemesók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ PED1/15	<b>Name:</b> Pedology
<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: 2 For the study period: 26</b> <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 Exam: 100 points maximum. Grading: A – 100 - 90%, B – 89 - 80%, C – 79 - 70%, D – 69 - 60%, E – 59 - 50%. 0–49 Failed/Unsatisfactor.	
<b>Results of education:</b> Main knowledge about soil properties, genesis, soil classification, and land evaluation. Evaluation of land resources in the Slovak Republic. Assessment of soil quality and properties. Knowledge about the role in ecosystem, soil functions and soil quality/health is achieved.	
<b>Brief syllabus:</b> Soil Definition and Origin, Construction and Composition. Soil Quality Physical Indicators. Physical and Chemical Properties of Soil. Soil classification. Soil Survey. Importance of soil to agriculture. Soil Management (Horticulture). Land use, land-use change and forestry. Land and Environment. Protected areas. Land in other sectors of the national economy. Sustainability of Soil Use.	
<b>Literature:</b> CSERNI, I.: Talajtan és agrokémia. 1. vyd. Kertészeti és Élelmiszeripari Egyetem : Kecskemét, 1995. 206 s. HANES, J. - POLÁČEK, Š.: Koloidná chémia pôdy. 1. vyd. Bratislava : Výskumný ústav pôdoznavectva a ochrany pôdy, 2002. 108 s. ISBN 80-85361-96-5. STEFANOVITS, P.- MICHÉLI, E.: A talajok jelentősége a 21. században - 1. vyd. Budapest : MTA Társadalomkutató Központ, 2005. 403s. ISBN 963 508 477 3. STREĎANSKÝ, J.: Zabezpečenie kvality životného prostredia. Nitra : Vysoká Škola Poľnohospodárska, 1997. 114 s. ISBN 80-7137-340-0. SZENDREI, G.: Talajtan. Egyetemi jegyzet. 1. vyd. Budapest : Elte Eötvös Kiadó, 1998. 300 s. ISBN 0003191.	
<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> Ing. Pavol Makovický, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemesók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ SZS-B/15		<b>Name:</b> Biology			
<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> Oral answer of student evaluated by the Commission for state exams. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50%. Credits are not awarded to student, who do not achieve 50%.					
<b>Results of education:</b> Through the subjects of the specialization, the graduate of the study programme Teacher Training in Biology (combined) masters the basic content of the disciplines of the specialization.					
<b>Brief syllabus:</b> Botany, Plant physiology, Zoology, Histology and cytology, Biochemistry and molecular biology, Genetics, Anthropology, Animal and human physiology, Chemistry					
<b>Literature:</b> Study literature listed in information sheet of compulsory courses.					
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or 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>					
<b>Date of last update:</b> 14.01.2015					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ TER1/15		<b>Name:</b> Field Work in Botany			
<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> 2 <b>For the study period:</b> 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> The student will make herbarium with at least 200 species. The exam is based on this herbarium. With random choice 30 species will be chosen that has to be recognized and scientifically named by the student. Evaluation: A: 30-29-28 B:27-26-25 C:24-23-22 D:21-20-19 E:18-17-16 Under 16 no credit will be given. Obligatory report of the field trip.					
<b>Results of education:</b> The student will learn the basics of the creation of a herbarium, will be able to identify vascular plants with taxonomic key, and gain knowledge about the current nature conservation laws.					
<b>Brief syllabus:</b> Identification of vascular plants with taxonomic key. Creation of a herbarium. Current nature conservation laws.					
<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: 104					
A	B	C	D	E	FX
22.12	16.35	6.73	9.62	33.65	11.54
<b>Teacher:</b> Ing. Pavol Balázs, PhD.					
<b>Date of last update:</b> 17.12.2014					

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ TER2/15		<b>Name:</b> Field Work in Zoology and Anthropology			
<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> 2 <b>For the study period:</b> 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> Individual report from the field exercise. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%, Under 50% no credit will be given.					
<b>Results of education:</b> The student will classify the animals found with the help of a taxonomic key, also gains practical knowledge in osteo-anthropological research.					
<b>Brief syllabus:</b> Creating small collection of invertebrates and vertebrates. Photographic documentation. Collecting animals with pitfall traps. Classification of the collected animals. Collecting and sorting of crop pests. Collecting and classification in different habitat types Practical understanding of the anthropological researches -cemetery excavation. -processing and classifying bones					
<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: 81					
A	B	C	D	E	FX
76.54	19.75	2.47	0.0	0.0	1.23
<b>Teacher:</b> doc. Dr. Csaba Szinetár, CSc., PaedDr. Melinda Nagy, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ VPB/15	<b>Name:</b> Scientific Work and Publish of Results in Biology
<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: 2 For the study period: 26</b> <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> Study - 100%. Final evaluation: A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50%. Credits are not awarded to student, who do not achieve 50%.	
<b>Results of education:</b> Student acquire basic knowledge, habits and theoretical and practical skills required for work associated with the planning, research implementation in biology and publishing.	
<b>Brief syllabus:</b> The importance of scientific research. Planning research. Orientation in the scientific literature. The formulation of objectives and working hypotheses. The research methodology. Quantitative and qualitative research methods. Experiment. Fieldwork. Laboratory work. Execution of research. Treatment of results. The structure of scientific work. The form and arrangement of the various parts of the publication. Introduction and status of existing knowledge. Summarize and display the results. Discussion of results. Conclusions. Citation of references and bibliography creation. Annexes to scientific work. Presentation of results - lectures, posters, publications.	
<b>Literature:</b> ECCO, U.: Hogyan írjunk szakdolgozatot? Kairosz, 1987. - 255. - ISBN 9639137537 H.BATTHA, L. Növények és rovarok preparálása . NATURA, 1978. - 191. - ISBN 963 233 046 3. CHAJDIÁK, J.: Štatistika v Exceli. - 1. vyd. - Bratislava : Statis, 2002. - 159 s. - ISBN 80-85659-27-1. KATUŠČÁK, D.: Ako píšat' vysokoškolské a kvalifikačné práce. 5. vyd. - Nitra : Enigma, 2008. - 164 s. - ISBN 978-80-89132-45-4 KUBÁNKOVÁ, V., HENDL, J.: Statistika pro zdravotníky : Zdravotnické aktuality - 1. vyd. - Praha : Avicenum, 1986. - s. NAGY-GYÖRGY, J.: Valószínűségszámítás és statisztika példatár : POLYGON Jegyzettár - 1. vyd. - Szeged : Szegedi Egyetemi Kiadó POLYGON, 2010. - 111 s. SILVERMAN, D.: Ako robít' kvalitatívny výskum /. - Bratislava : Ikar a.s., 2005. - 328 s. - ISBN 80-551-0904-4. SOMSÁK, L.: Szerves kémiai praktikum I. - Debrecen : Kossuth Egyetemi Kiadó, 2004. - 230 s. - ISBN 0013788	

<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or 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> doc. Dr. Csaba Szinetár, CSc., PaedDr. Melinda Nagy, PhD., Ing. Pavol Balázs, PhD.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ ZET/15	<b>Name:</b> Fundamentals of Ecotoxicology
<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: 2 For the study period: 26</b> <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> Passing the course is conditional on the successful participation in the test and oral examination. During the semester one written test for 40 points. Participation in the oral examination is conditional upon at least 50% of the points (min. 20 points) of the test. Final assessment: the proportion of oral examination and a written test : 60% - 40%. A - 100 - 90% B - 89 - 80%, C - 79-70%, D - 69-60%, E - 59 - 50%	
<b>Results of education:</b> After successful completion of this course, students will gain knowledge on the toxicology of environment, effects of environmental pollutants, biodegradation of xenobiotics in the organisms.	
<b>Brief syllabus:</b> Bevezetés. - A környezetszennyezés forrásainak felosztása. - Toxicitás, mérge, a toxikus hatások fajtái. - Vegyi anyagok interakciói, terminális toxicitás, toxikus anyagok önmásolódása. - Kárt okozó vegyi anyagok identifikálása, disztribúciója és kicsapódása. - Mutagén, teratogén és karcinogén anyagok, a mérgek és felosztásuk. - Az elemek és vegyületek mérgező hatása a szervezetre. - Néhány szerves anyag toxikus hatásai. - Peszticidek – karbamátok, organofoszfátok, a klór szerves vegyületei, pyreteroid anyagok, feromónok. - Rádióaktív anyagok és a sugárzás, rádiotoxicitás, mesterséges radioaktivitás. - Megelőző toxicológia, NPK anyagok a természeti és a munkakörnyezetben, higiéniai előírások, expozíciós tesztek.	
<b>Literature:</b> TOLGYESSY, J. a kol., 1989: Chémia, biológia a toxikológia vödy a ovzdušia. Veda SAV, Bratislava, 531s. ISBN 80-224-0034-3 CALOW, P.: Handbook of Ecotoxicology - 1. vyd. : Blackwell Science, 1998. - 885 s. - ISBN 0 632 04933 2. PÉNZES, B.: Mérgező anyagok a környezetben. Budapest, Mezőgazdasági Kiadó, 1989. ISBN 9 632 34022 1 KVASNIČKOVÁ, D.: Životné prostredie - 1. vyd. Bratislava: Slovenské pedagogické nakladateľstvo, 2002. 160 s. ISBN 80-08-03341-X	
<b>Language, knowledge of which is necessary to complete a course:</b> Hungarian or Slovak	
<b>Notes:</b>	

**Evaluation of subjects**

Total number of evaluated students: 79

A	B	C	D	E	FX
63.29	36.71	0.0	0.0	0.0	0.0

**Teacher:** doc. RNDr. Róbert Gyepes, PhD.**Date of last update:** 17.12.2014**Approved by:** Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, DSc.

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ ZOO1/15		<b>Name:</b> Zoology I			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <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> 1.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> Final test. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%, Under 50% no credit will be given.					
<b>Results of education:</b> The student will gain knowledge about the animal taxons and their anatomy.					
<b>Brief syllabus:</b> Anatomy of the different taxonomical groups of animals. Anatomy of the animal organs. Important species from nature protection point of view. Overview of animal systems (parasites, coprofages, saprofages, vectors, pollenators). Comparison of characteristic features and organ systems of different taxonomical groups. Domestic animals. Genom usage of non-domestic animals.					
<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: 177					
A	B	C	D	E	FX
29.94	18.64	24.86	9.04	11.3	6.21
<b>Teacher:</b> doc. Dr. Csaba Szinetár, CSc.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD. Guaranteeprof. Dr. Béla István Pukánszki, DSc. Guaranteeprof. Dr. János Nemcsók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University	
<b>Name of the faculty:</b> Faculty of Education	
<b>Code:</b> KBIO/Bdb/ ZOO2/15	<b>Name:</b> Zoology II
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <b>Recommended extent of course ( in hours ):</b> <b>Per week:</b> 1 / 2 <b>For the study period:</b> 13 / 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> Final test. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%, Under 50% no credit will be given	
<b>Results of education:</b> After completing the course the student will know the characteristics of different groups of invertebrates, representative species of each group and their significance for the humankind.	
<b>Brief syllabus:</b> Introduction into zoology. Classification and nomenclature of Animals Origin and evolution of zoological systematics. Modern zoological classification. Protozoan phyla (Animal-like Protista) Classification of the Animal-like Protista, their economically and evolutionally representatives. Metazoa Porifera. Sponges – general description and system. Eumetazoa The Radiate Animals: Cnidaria general description and system. Bilaterian Animals Plathelminthes, Entoprocta, Nemertiny, Nematelminthes, Priapulida Sipulculida, Echiurida, Nemertiny, Annelida, Mollusca, Arthropoda, Crustacea, Myriapoda, Chelicerata, Hexapoda, Insecta, Tentaculata, Chaetognatha , Enteropreusta, Pogonofora, Echinodermata. general description and system. their economically important species	
<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: 89	

A	B	C	D	E	FX
21.35	37.08	16.85	11.24	5.62	7.87
<b>Teacher:</b> doc. Dr. Csaba Szinetár, CSc.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemesók, DSc.					

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ ZOO3/15		<b>Name:</b> Zoology III			
<b>Types, range and methods of educational activities:</b> <b>Form of study:</b> Lecture / Practical <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> 6.					
<b>Level of study:</b> I.					
<b>Prerequisites:</b>					
<b>Conditions for passing the subject:</b> 2 exams during the semester each 25 points. A minimum of 25 points must be acquired during the semester to get accepted to the final exam. Final exam 50 points. Evaluation: A – 100-90%, B – 89-80%, C – 79-70%, D – 69-60%, E – 59-50%,					
<b>Results of education:</b> After completing the course the student will know the characteristics of different groups of chordates, representative species of each group and their significance for the humankind.					
<b>Brief syllabus:</b> Chordata, Urochordata, Copelata ,Cephalochordata - General Characteristics and Classification Vertebrata – General Characteristics: the integument-, skeletal-, muscle-, nerve-, digestive-, the vascular-, respiratory-, urinary -, genital system and sensory organs. Evolution and classification of the vertebrates -Agnatha –Lampreys and Hagfishes: General Characteristics and Classification. -Gnathostomata: Chondrichthyes – Sharks, Skates and Rays: General Characteristics and Classification. -Osteichthyes: Bony Fishes: General Characteristics and Classification. -Amphibia: Caecilinans, Salamanders and Frogs: General Characteristics and Classification. -Reptilia: Turtles, Lizards, Snakes, Crocodiles: General Characteristics and Classification. -Aves: Birds: General Characteristics and Classification. -Mammalia: Mammals: General Characteristics and Classification.					
<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: 79					
A	B	C	D	E	FX
31.65	25.32	18.99	12.66	7.59	3.8

**Teacher:** doc. Dr. Csaba Szinetár, CSc.

**Date of last update:** 17.12.2014

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

## INFORMATION SHEET

<b>Name of the university:</b> J. Selye University					
<b>Name of the faculty:</b> Faculty of Education					
<b>Code:</b> KBIO/Bdb/ ZUR/15		<b>Name:</b> Fundamentals of Sustainable Development			
<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> 2 <b>For the study period:</b> 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: 118					
A	B	C	D	E	FX
27.12	66.1	2.54	0.85	0.0	3.39
<b>Teacher:</b> prof. Dr. János Nemcsók, DSc.					
<b>Date of last update:</b> 17.12.2014					
<b>Approved by:</b> Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Guaranteeprof. Dr. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemesók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemesók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. János Nemcsók, 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. 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. János Nemesók, 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. János Nemcsók, 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. János Nemesók, 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. János Nemcsók, 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. János Nemcsók, 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 all. 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. János Nemesók, 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 vzdilávání. 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. János Nemcsók, 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. János Nemcsók, 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. János Nemesók, 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. János Nemcsók, 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. János Nemcsók, 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 ütte...” 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. János Nemcsók, 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 : Sapiencia. 1999. 296 s. ISBN 8096718045 Vašek Štefan: Speciálno pedagogická diagnostika. 4. vyd. : Sapiencia 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. János Nemcsók, 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. János Nemesók, 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. János Nemesók, 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. János Nemcsók, 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. János Nemesók, 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. János Nemesók, 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. János Nemesók, 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. János Nemesók, 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.iufjúságügy.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. János Nemcsók, 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. János Nemcsók, 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. János Nemesók, 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. János Nemcsók, 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. János Nemesók, 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:</b> 2 <b>For the study period:</b> 26 <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. János Nemesók, 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 fylogenetic 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. János Nemcsók, 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> Guaranteed doc. RNDr. János Tóth, PhD. Guaranteed prof. Dr. Béla István Pukánszki, DSc. Guaranteed prof. Dr. János Nemcsók, 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. János Nemcsók, DSc.					