

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/DEM/MA/09		Name: History of Mathematics			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 1					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 72					
A	B	C	D	E	FX
55.56	38.89	2.78	1.39	1.39	0.0
Teacher: RNDr. Peter Csiba, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/DM1/MA/09		Name: Didactics of Mathematics I.			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 72					
A	B	C	D	E	FX
26.39	19.44	34.72	19.44	0.0	0.0
Teacher: RNDr. Zuzana Árki, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/DM2/MA/09		Name: Didactics of Mathematics II.			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 1					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 69					
A	B	C	D	E	FX
24.64	40.58	23.19	7.25	4.35	0.0
Teacher: RNDr. Zuzana Árki, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/DM3/MA/09		Name: Didactics of Mathematics III.			
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 70					
A	B	C	D	E	FX
40.0	10.0	31.43	11.43	5.71	1.43
Teacher: PaedDr. József Kalácska					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/DS1/MA/09		Name: Seminar on the Didactics of Mathematics I.			
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 71					
A	B	C	D	E	FX
70.42	9.86	14.08	5.63	0.0	0.0
Teacher: RNDr. Zuzana Árki, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/DS2/ MA/09		Name: Seminar on the Didactics of Mathematics II.			
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 68					
A	B	C	D	E	FX
38.24	29.41	25.0	4.41	2.94	0.0
Teacher: RNDr. Zuzana Árki, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/DS3/MA/09		Name: Seminar on the Didactics of Mathematics III.			
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 67					
A	B	C	D	E	FX
40.3	22.39	20.9	10.45	5.97	0.0
Teacher: PaedDr. József Kalácska					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/DS-MAT/MA/09		Name: Masters Thesis Seminars			
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 3 For the study period: 39 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 32					
A	B	C	D	E	FX
84.38	3.13	6.25	3.13	3.13	0.0
Teacher: doc. RNDr. János Tóth, PhD., RNDr. Zuzana Árki, PhD., Mgr. Tünde Berta, RNDr. József Bukor, PhD., RNDr. Peter Csiba, PhD., RNDr. Zoltán Fehér, PhD., doc. RNDr. Ferdinánd Filip, PhD., Mgr. Ladislav Jaruska, PhD., Mgr. Sándor Kelemen, PhD., doc. RNDr. Ladislav Mišík, CSc.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm// MEP/15		Name: Metrické priestory			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 55					
A	B	C	D	E	FX
14.55	45.45	18.18	14.55	7.27	0.0
Teacher: Mgr. Sándor Kelemen, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ CPST/15	Name: Cvičenia z pravdepodobnosti a štatistiky
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 1.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: The course is finished by a written exam. For assessment A should be obtained at least 90 points, for assessment B at least 80 points, for assessment C at least 70 points, for assessment D at least 60 points, for assessment E at least 50 points. The assessment will count points earned by individual work (20%).	
Results of education: After successful completion of the course students are able to apply formulas to calculate probability of events and to apply the methods of descriptive statistics in solving tasks. The student knows the different types of random variables to describe random events and calculate its numerical characteristics. Students master the basic methods of descriptive statistics to analyze the results of random experiments.	
Brief syllabus: 1. Random events. Operations with random events. 2. Probability of random events. 3. Applying conditional and total probability in problems. 4. Independence of events. Calculations with Bernoulli scheme. 5. Probability density function of random variable. 6. Characteristics of random variable. 7. Expected value and standard deviation of the discrete distribution. Calculation of probability. 8. Probability density function, expected value, standard deviation of the continuous distribution. Calculation of probability. 9. Application of Laws of large numbers. 10. Methods of descriptive statistics. Analysis of the results of random experiment. 11. Frequency analysis and graphical display of data. 12. Measures of central tendency and variability. 13. Statistical relationship between data.	
Literature: Bukor J., Árki Z., Fehér Z.: Valószínűségszámítás. 1. vyd. Komárom : Selye János Egyetem. 2010. 120s. ISBN 978-80-89234-94-3. Obádovics, Gy.: Valószínűségszámítás és matematikai statisztika, SCOLAR, Budapest, 2003. 302 s. ISBN 963 9534 005. Nemetz T., Wintshe G.: Valószínűségszámítás és statisztika mindenkinek. - Szeged : Bolyai Intézet POLYGON, 1999. 243 s. ISBN 0002544. Nemetz T.: Valószínűségszámítás : Speciális matematika tankönyvek. - 4., változatlan utánnomás. - Budapest : Typotex kiadó, 2010. 292 s. ISBN 978 963 279 164 7. Nagy-György J., Osztényiné Krauczai É., Székely L.: Valószínűségszámítás és statisztika példatár. - 3. vyd. - Szeged : Szegedi Egyetemi Kiadó POLYGON, 2010. - 111 s. ISSN 1417-0590.	

Language, knowledge of which is necessary to complete a course: hungarian					
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: RNDr. Zoltán Fehér, PhD., Mgr. Ladislav Jaruska, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm/ DEM/15		Name: Dejiny matematiky			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 72					
A	B	C	D	E	FX
55.56	38.89	2.78	1.39	1.39	0.0
Teacher: RNDr. Peter Csiba, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm/ DIF/15		Name: Diferenciálne rovnice			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
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: Mgr. Sándor Kelemen, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ DM1/15	Name: Didaktika matematiky 1
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 1 / 2 / 0 For the study period: 13 / 26 / 0 Methods of study: present	
Number of credits: 5	
Recommended semester/trimester of study: 1.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: During the semester the student is actively involved in the learning process. The condition for passing the course is to develop and realize the teaching outputs according to the instructions the teacher and passing an oral examination.	
Results of education: The students will obtain an overview of the basic aims of mathematics education and educational goals of teaching mathematics. They have an opportunity to present their own vision of introducing selected concepts of mathematics.	
Brief syllabus: Cognitive process, its stages and deformation. Child development and learning process. Parallel of phylogeny and ontogeny of mathematical thinking. Language of mathematics as a methodological problem, the volume concept. Didactic analysis of thematic units: algebraic expressions, number theory, mathematical analysis, functions, infinitesimal analysis. The development of the basic concepts in these thematic units. Objectives of Mathematics, current status and topics of research. The objectives of the learning process in mathematics. The concept of mathematical education. Learning process in mathematics. Constructivism in mathematics taught. Motivation. Language of mathematics, its historical development and didactic meaning. The concept of number and the volume concept (integers, fractions, decimals, operations at the appropriate set of numbers). Classification in teaching mathematics.	
Literature: Hejný a kol.: Teória vyučovania matematiky 2, SPN, Bratislava, 1990. 560 s. ISBN 80-08-01344-3. Učebnice matematiky pre 2. stupeň ZŠ a stredné školy Szendrei J.: Gondolod, hogy egyre megy?, Typotex Kiadó, Budapest, 2005. 471 s. ISBN 963 9548 52 9. Ambrus, A.: Bevezetés a matematikadidaktikába, ELTE, Budapest, 1995. 200 s. ISBN 0005023. Richard Skemp: A matematikatanulás pszichológiája, Budapest: Gondolat, 1975. 410 s. ISBN 963 280 218 7. Časopisy: A matematika tanítása, Polygon	

Language, knowledge of which is necessary to complete a course: hungarian, slovak					
Notes:					
Evaluation of subjects Total number of evaluated students: 72					
A	B	C	D	E	FX
26.39	19.44	34.72	19.44	0.0	0.0
Teacher: doc. RNDr. János Tóth, PhD., Mgr. Ladislav Jaruska, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ DM2/15	Name: Didaktika matematiky 2
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 1 / 2 / 0 For the study period: 13 / 26 / 0 Methods of study: present	
Number of credits: 5	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: During the semester the student is actively involved in the learning process. The condition for passing the course is to develop and realize the teaching outputs according to the instructions the teacher and passing an oral examination.	
Results of education: Students will be prepared for situations that are experiencing the reality of school teaching in high school maths. They will be familiar with the various teaching techniques, methods of interpretation, they will work with textbooks and supplementary materials, testing various forms of written and oral exams. They learn to distinguish between expressions which help to students and which are harmful for teaching.	
Brief syllabus: Didactic analysis of specific thematic units: planimetry and stereometry, combinatorics, statistics and probability. Within these thematic units diagnostic analysis of student work and possible strategies of teachers' work. Motivation in teaching mathematics. Error in mathematics. Textbook as a guide of teacher and as a assist of pupils. Evaluation and classification. Preparing, analyzing and correcting of written clearance and tests.	
Literature: Hejný a kol.: Teória vyučovania matematiky 2, SPN, Bratislava, 1990. 560 s. ISBN 80-08-01344-3. Učebnice matematiky pre 2. stupeň ZŠ a stredné školy Szendrei J.: Gondolod, hogy egyre megy?, Typotex Kiadó, Budapest, 2005. 471 s. ISBN 963 9548 52 9. Ambrus, A.: Bevezetés a matematikadidaktikába, ELTE, Budapest, 1995. 200 s. ISBN 0005023. Richard Skemp: A matematikatanulás pszichológiája, Budapest: Gondolat, 1975. 410 s. ISBN 963 280 218 7. Časopisy: A matematika tanítása, Polygon	
Language, knowledge of which is necessary to complete a course: hungarian, slovak	
Notes:	

Evaluation of subjects

Total number of evaluated students: 69

A	B	C	D	E	FX
24.64	40.58	23.19	7.25	4.35	0.0

Teacher: doc. RNDr. János Tóth, PhD., RNDr. Zuzana Árki, PhD.**Date of last update:** 28.10.2014**Approved by:** Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm/ DM3/15		Name: Didaktika matematiky 3			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 2 / 0 For the study period: 26 / 26 / 0 Methods of study: present					
Number of credits: 5					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 70					
A	B	C	D	E	FX
40.0	10.0	31.43	11.43	5.71	1.43
Teacher: doc. RNDr. János Tóth, PhD., RNDr. Zuzana Árki, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm/ MS/15		Name: Matematiké softvéry			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
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: RNDr. Peter Csiba, PhD., Mgr. Sándor Kelemen, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm/ ODP/15		Name: Diplomová práca a jej obhajoba			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study:					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
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:					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ PPX2/15	Name: Pedagogická prax 2
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: For the study period: 20s Methods of study: present	
Number of credits: 4	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject:	
Results of education:	
Brief syllabus:	
Literature:	
Language, knowledge of which is necessary to complete a course:	
Notes:	
Evaluation of subjects Total number of evaluated students: 0	
a	n
0.0	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.	
Date of last update: 27.01.2015	
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.	

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ PPX4/15	Name: Pedagogická prax 4
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: For the study period: 40s Methods of study: present	
Number of credits: 4	
Recommended semester/trimester of study: 4.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject:	
Results of education:	
Brief syllabus:	
Literature:	
Language, knowledge of which is necessary to complete a course:	
Notes:	
Evaluation of subjects Total number of evaluated students: 0	
a	n
0.0	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.	
Date of last update: 27.01.2015	
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.	

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ PST/15	Name: Pravdepodobnosť a základy štatistiky
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 1 / 2 / 0 For the study period: 13 / 26 / 0 Methods of study: present	
Number of credits: 5	
Recommended semester/trimester of study: 1.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: The course is finished by a written exam. For assessment A should be obtained at least 90 points, for assessment B at least 80 points, for assessment C at least 70 points, for assessment D at least 60 points, for assessment E at least 50 points. The assessment will count points earned by individual work (20%).	
Results of education: The successful completion of the course gives basic knowledge from probability theory and an overview of descriptive statistics methods. The student understands the basic concepts and know about the different formulas for calculating probability. Using random variables the student describes random events and calculate its numerical characteristics. Students master the basic methods of descriptive statistics to analyze the results of random experiments.	
Brief syllabus: 1. Random events. Operations with random events. 2. Probability of random events. Definition of the probability. The Kolmogorovs field of probability. 3. Conditional and total probability. Bayes theorem. 4. Independence of events. Bernoulli scheme. 5. Random variable. Probability distribution, probability density function. 6. Characteristics of random variable. 7. Discrete distributions. Expected value and standard deviation. Calculations of probability. 8. Continuous distributions. Probability density function, expected value and standard deviation. Calculations of probability. 9. Laws of large numbers. Central limit theorem. 10. Introduction to descriptive statistics. Statistical methods of the analysis of random experiment. 11. Frequency analysis and graphical display of data. 12. Measures of central tendency and variability. 13. Statistical relationship between data.	
Literature: Bukor J., Árki Z., Fehér Z.: Valószínűségszámítás. 1. vyd. Komárom : Selye János Egyetem Gazdaságtudományi Kara, 2010. - 120s. - ISBN 978-80-89234-94-3. Obádovics, Gy.: Valószínűségszámítás és matematikai statisztika, SCOLAR, Budapest, 2003. 302 s. ISBN 963 9534 005. Nemetz T., Wintshe G.: Valószínűségszámítás és statisztika mindenkinek. - Szeged : Bolyai Intézet POLYGON, 1999. - 243 s. ISSN 1218-4071. Nemetz T.: Valószínűségszámítás : Speciális matematika tankönyvek. - 4., változatlan utánnomás. - Budapest : Typotex kiadó, 2010. - 292 s. - ISBN 978 963 279 164 7. Nagy-György J., Osztyényiné Krauczai É., Székely	

L.: Valószínűségszámítás és statisztika példatár. - 3. vyd. - Szeged : Szegedi Egyetemi Kiadó POLYGON, 2010. - 111 s. ISSN 1417-0590.

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

hungarian

Notes:

Evaluation of subjects

Total number of evaluated students: 75

A	B	C	D	E	FX
8.0	14.67	29.33	21.33	24.0	2.67

Teacher: Dr. habil. Attila Elemér Kiss, CSc., RNDr. József Bukor, PhD.

Date of last update: 28.10.2014

Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ SDM1/15	Name: Seminars on the Didactics of Mathematics 1
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 1.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: During the semester the student is actively involved in the learning process. The condition for passing the course is to develop and realize the teaching outputs according to the instructions the teacher and passing an oral examination.	
Results of education: The students will obtain an overview of the basic aims of mathematics education and educational goals of teaching mathematics. They have an opportunity to present their own vision of introducing selected concepts of mathematics.	
Brief syllabus: Cognitive process, its stages and deformation. Child development and learning process. Parallel of phylogeny and ontogeny of mathematical thinking. Language of mathematics as a methodological problem, the volume concept. Didactic analysis of thematic units: algebraic expressions, number theory, mathematical analysis, functions, infinitesimal analysis. The development of the basic concepts in these thematic units. Objectives of Mathematics, current status and topics of research. The objectives of the learning process in mathematics. The concept of mathematical education. Learning process in mathematics. Constructivism in mathematics taught. Motivation. Language of mathematics, its historical development and didactic meaning. The concept of number and the volume concept (integers, fractions, decimals, operations at the appropriate set of numbers). Classification in teaching mathematics.	
Literature: Hejný a kol.: Teória vyučovania matematiky 2, SPN, Bratislava, 1990. 560 s. ISBN 80-08-01344-3. Učebnice matematiky pre 2. stupeň ZŠ a stredné školy Szendrei J.: Gondolod, hogy egyre megy?, Typotex Kiadó, Budapest, 2005. 471 s. ISBN 963 9548 52 9. Ambrus, A.: Bevezetés a matematikadidaktikába, ELTE, Budapest, 1995. 200 s. ISBN 0005023. Richard Skemp: A matematikatanulás pszichológiája, Budapest: Gondolat, 1975. 410 s. ISBN 963 280 218 7. Časopisy: A matematika tanítása, Polygon	

Language, knowledge of which is necessary to complete a course: hungarian, 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: RNDr. Zuzana Árki, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ SDM2/15	Name: Seminars on the Didactics of Mathematics 2
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: During the semester the student is actively involved in the learning process. The condition for passing the course is to develop and realize the teaching outputs according to the instructions the teacher and passing an oral examination.	
Results of education: The students will obtain an overview of the basic aims of mathematics education and educational goals of teaching mathematics. They have an opportunity to present their own vision of introducing selected concepts of mathematics.	
Brief syllabus: Didactic analysis of specific thematic units: planimetry and stereometria, combinatorics, statistics and probability. Within these thematic units diagnostic analysis of student work and possible strategies of teachers' work. Motivation in teaching mathematics.	
Literature: Hejný a kol.: Teória vyučovania matematiky 2, SPN, Bratislava, 1990. 560 s. ISBN 80-08-01344-3. Učebnice matematiky pre 2. stupeň ZŠ a stredné školy Szendrei J.: Gondolod, hogy egyre megy?, Typotex Kiadó, Budapest, 2005. 471 s. ISBN 963 9548 52 9. Ambrus, A.: Bevezetés a matematikadidaktikába, ELTE, Budapest, 1995. 200 s. ISBN 0005023. Richard Skemp: A matematikatanulás pszichológiája, Budapest: Gondolat, 1975. 410 s. ISBN 963 280 218 7. Časopisy: A matematika tanítása, Polygon	
Language, knowledge of which is necessary to complete a course: hungarian, 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: RNDr. Zuzana Árki, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm/ STC/15		Name: Seminár z teórie čísel			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
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: doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ STP/15	Name: Štatistika v praxi
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: The course is finished by a written exam. For assessment A should be obtained at least 90 points, for assessment B at least 80 points, for assessment C at least 70 points, for assessment D at least 60 points, for assessment E at least 50 points. The assessment will count points earned by individual work (20%).	
Results of education: The successful completion of the course gives an overview of inductive statistics methods and students obtain skills to work in computer systems. The student understands the basic concepts of the theory of estimations, of hypothesis testing and correlation and regression analysis. Students are able to apply theoretical knowledge to discover the real, social and other processes and also in practical evaluation of research results in various fields. Students master the use of statistical software to analyze statistical data.	
Brief syllabus: 1. Basic concepts of inductive statistics. Population and sample. 2. Theory of estimations. Point estimation, basic properties of estimators. Maximum likelihood method. Applications. 4. Interval estimations. Confidence interval for the mean, variance, ratio. 5. Estimations in computer systems. 6. Hypothesis testing. Parametric and non-parametric tests. 7. Hypothesis testing of parameters of Normal distribution, and Binomial Distribution. 8. Non-parametric tests of normality and independence. 9. Hypothesis testing in computer systems. 10. Correlation analysis. Correlation coefficient. 11. Linear regression model. 12. Correlation and regression analysis in computer systems.	
Literature: Petres T.: Statisztika. Szeged : JATEPress, 2003. 272s. ISBN 0242073. Petres T.: Statisztika feladatgyűjtemény. Szeged : JATEPress, 2003. 85 s. ISBN 0202412. Borovkov A. A.: Matematikai statisztika: Paraméterek becslése, Hipotézisvizsgálat. 1. vyd. Budapest : Typotex Elektronikus Kiadó Kft., 1999. 633 s. ISBN 978-963-279-707-6. Lukács O.: Matematikai statisztika. Budapest : Műszaki Könyvkiadó, 2003. 570 s. ISBN 963 16 3036 6.	
Language, knowledge of which is necessary to complete a course: hungarian	
Notes:	

Evaluation of subjects

Total number of evaluated students: 73

A	B	C	D	E	FX
6.85	10.96	24.66	28.77	23.29	5.48

Teacher: RNDr. Zoltán Fehér, PhD.**Date of last update:** 28.10.2014**Approved by:** Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth,
PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm/ ŠSMgr/15		Name: Matematika - predmet štátnej skúšky			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study:					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
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:					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/Mdm/ TC/15		Name: Teória čísel			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 1 / 0 For the study period: 26 / 13 / 0 Methods of study: present					
Number of credits: 5					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 70					
A	B	C	D	E	FX
21.43	24.29	25.71	14.29	14.29	0.0
Teacher: doc. RNDr. Ladislav Mišík, CSc., doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 28.10.2014					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/Mdm/ UMS/15	Name: Úlohy v matematických súťažiach
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 3.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject:	
Results of education:	
Brief syllabus:	
Literature:	
Language, knowledge of which is necessary to complete a course:	
Notes:	
Evaluation of subjects	
Total number of evaluated students: 0	
a	n
0.0	0.0
Teacher: Mgr. Ladislav Jaruska, PhD.	
Date of last update: 30.01.2015	
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.	

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KMI/ MdmPPX3/15	Name: Pedagogická prax 3
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: For the study period: 20s Methods of study: present	
Number of credits: 4	
Recommended semester/trimester of study: 3.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject:	
Results of education:	
Brief syllabus:	
Literature:	
Language, knowledge of which is necessary to complete a course:	
Notes:	
Evaluation of subjects Total number of evaluated students: 0	
a	n
0.0	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.	
Date of last update: 27.01.2015	
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.	

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/MEP/MA/09		Name: Metric Spaces			
Types, range and methods of educational activities: Form of study: Lecture / Practical Recommended extent of course (in hours): Per week: 1 / 1 For the study period: 13 / 13 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 55					
A	B	C	D	E	FX
14.55	45.45	18.18	14.55	7.27	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/PPX2/ MA/09		Name: Pedagogical Practice II.			
Types, range and methods of educational activities: Form of study: Practical Recommended extent of course (in hours): Per week: For the study period: 20s Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 57					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/PPX3/MA/09		Name: Pedagogical Practice III.			
Types, range and methods of educational activities: Form of study: Practical Recommended extent of course (in hours): Per week: For the study period: 20s Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 12					
A	B	C	D	E	FX
91.67	8.33	0.0	0.0	0.0	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/PPX4/MA/09		Name: Pedagogical Practice IV.			
Types, range and methods of educational activities: Form of study: Practical Recommended extent of course (in hours): Per week: For the study period: 40s Methods of study: present					
Number of credits: 12					
Recommended semester/trimester of study: 4.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 70					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/PST1/MA/09		Name: Probability and Statistics I.			
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 1 / 1 For the study period: 13 / 13 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus: I. Probability theory. Classical and Kolmogorov's probability field. Probability theorems. Geometric and conditional probability, Bayes' theorem. Independence of events. II. Discrete and continuous random variables, distribution functions, density functions and their properties. The characterization of a random variable: the expected value, standard deviation. Characterization of the binomial, hypergeometric, Poisson, geometric, discrete uniform distribution. Characterization of the normal, standard normal, exponential and continuous uniform distribution. Chebyshev's and Markov's inequalities, the law of large numbers, the central limit theorem. Multidimensional distributions, independence of random variables, expected value and correlation.					
Literature: B. Riečan, F. Lamoš, C. Lenárt: Pravdepodobnosť a matematická štatistika, ALFA-SNTL 1984, II. vydanie 1992 Obádovics, J. Gy.: Valószínűségszámítás és matematikai statisztika, SCOLAR, Budapest, 1995 Solt, Gy.: Valószínűségszámítás, Muszaki könyvkiadó, Budapest, 1993 Csernyák, L.: Valószínűségszámítás, Nemzeti Tankönyvkiadó, Budapest, 1998. ISBN 963 19 1443 7 Denkinger, G.: Valószínűségszámítási gyakorlatok, Nemzeti Tankönyvkiadó, Budapest, 1999. ISBN 9631942112					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 75					
A	B	C	D	E	FX
8.0	14.67	29.33	21.33	24.0	2.67
Teacher: RNDr. Zoltán Fehér, PhD.					

Date of last update: 10.05.2015

Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth,
PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/PST2/MA/09		Name: Probability and Statistics II.			
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 1 / 1 For the study period: 13 / 13 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus: 1. Random sampling 2. Theory of point estimation, basic properties of estimators, estimation methods (maximum likelihood), estimation of population mean and variance 3. Confidence intervals, basic concepts – meaning and interpretations 4. Confidence interval for the mean and variance of the Normal distribution. Confidence interval for the difference between two means. 5. Hypothesis testing, definition of terms 6. Parametric tests, one-sided and two-sided tests of parameters of Normal distribution, and Binomial Distribution. Two sample parametric tests. 7. Nonparametric tests, Normality test 8. Regression analysis, linear and non-linear regression models, Interpolation and extrapolation 9. Correlation coefficient, Spearman rank correlation coefficient					
Literature: B. Riečan, F. Lamoš, C. Lenárt: Pravdepodobnosť a matematická štatistika, ALFA-SNTL 1984, II. vydanie 1992 Obádovics, J. Gy.: Valószínűségszámítás és matematikai statisztika, SCOLAR, Budapest, 1995 Lukács, O.: Matematikai statisztika, Muszaki könyvkiadó, Budapest, 1993					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 73					
A	B	C	D	E	FX
6.85	10.96	24.66	28.77	23.29	5.48
Teacher: RNDr. Zoltán Fehér, PhD.					
Date of last update: 10.05.2015					

Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth,
PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KPD/SZdm/ HPP/15		Name: Formulation and evaluation of educational programs			
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject: The course concludes with an assessment. The student assessment during the semester is an independent work, for which can receive 60 points. The semester final assessment is to protect this work, for which can get 40 points. The ratings scale: A - 90 100% B - 80% -89 C - -79 70%, D - 60 to 69%, E - 50 -59%.					
Results of education: Students will be able to: - understand and tell the steps the preparation of educational programs - apply these steps in practical tasks - to evaluate the quality of an educational program.					
Brief syllabus: The concept and elements of the educational program. Steps to elaborate the project. Project-design methods and tools. The analysis of needs and target groups. Education goals as a basis for planning. Taxonomy of educational objectives in the preparation of educational programs. The evaluation as a part of the educational program. The curriculum and syllabus preparation, limiting factors.					
Literature: Prášilová Michaela. Tvorba vzdělávacího programu. - 1. vyd. - Praha : TRITON, 2006. - 191 s. - ISBN 80-7254712-7. Pasch, Marvin, Gardner, Trevor G. Od vzdělávacího programu k vyučovací hodině : Jak pracovat s kurikulem. - 1. vyd. - Praha : Portál, s.r.o., 1998. - 416 s. - ISBN 80-7367-054-2.					
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: Dr. habil. PaedDr. Kinga Horváth, PhD., Dr. habil. Ádám István Nagy, PhD., Ing. István Szőköl, PhD.					
Date of last update: 27.01.2015					

Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth,
PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ KSA/15	Name: Cultural and Social Anthropology
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present	
Number of credits: 2	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: 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%.	
Results of education: If students fulfill the subject they will have suitable knowledge about the study of ethnography. They will get practical competences too, which they can apply in their future pedagogical practices.	
Brief syllabus: What is ethnography? What does cultural and social anthropology mean? What is European ethnology? The description of the Hungarian folk art, a short historical review of European ethnography and ethnology, the sources of ethnography and its search manners, the possibilities of the assessment of several searches (construction or reconstruction?). Summary: the possibilities of its usage in the educational practice.	
Literature: Balassa Iván–Ortutay Gyula: Magyar néprajz. Budapest: Corvina Kiadó 1979. Liszka József: Bevezetés a néprajzba. A magyar néprajz/ európai etnológia alapjai. Dunaszerdahely: Lilium Aurum 2006 Liszka József: Átmenetek. Folklor és nem-folklor határán. Komárom: Selye János Egyetem Tanárképző Kara 2013 /Monographiae Comaromienses 12./ Magyar néprajzi lexikon 1–5. Budapest: Akadémiai Kiadó 1977–1982. Tradičná ľudová kultúra Slovenska slovom a obrazom. Elektronická encyklopédia (http://www.ludovakultura.sk/index.php?id=11) Voigt Vilmos: Alapismereti bevezetés a néprajz iránt érdeklődő hallgatóknak. Debrecen: Kossuth Lajos Tudományegyetem Néprajzi Tanszék 1989 /Néprajz egyetemi hallgatóknak 1./	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	
Notes:	
Evaluation of subjects	

Total number of evaluated students: 66					
A	B	C	D	E	FX
27.27	34.85	30.3	7.58	0.0	0.0
Teacher: Dr. habil. PhDr. József Liszka, PhD.					
Date of last update: 27.01.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ MEP/15	Name: Methodology of pedagogical research
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present	
Number of credits: 1	
Recommended semester/trimester of study: 1.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: Developing a research plan and defending it – evaluation: a maximum of 50 points, successfully passing a test – evaluation: a maximum of 50 points, cumulative performance evaluation: 100-90 points/A, 89-90 points/B, 79-70 points/C, 69 – 60 points/D, 59 – 50 points/E, less than 50 points/ Fx	
Results of education: Students should be able to develop a research plan, be familiar with the research methodology, formulate hypotheses and research questions, realize a research and evaluate its data relevantly.	
Brief syllabus: Research and its environment. The methodology of research. Pedagogical research: quantitative and qualitative methods. Project techniques. Triangulation, validity, reliability. Setting the aim of the research, formulating hypotheses and research questions. The procedure of the research plan. Realizing and evaluating the research	
Literature: Albert Sándor: A pedagógiai kutatások alapjai. Dunaszerdahely : Lillium Aurum, 2005.100 s. ISBN 8080622817 Gavora Peter: Elektronická učebnica pedagogického výskumu. www.e-metodologia.fedu.uniba.sk Falus Iván: Bevezetés a pedagógiai kutatás módszereibe. Budapest : Keruban Könyvkiadó, 1993. 540 s. Silverman David: Ako robiť kvalitatívny výskum. Bratislava : Ikar. 2005. 328 s. ISBN 8055109044 Švec Štefan: Metodológia vied o výchove : Kvantitatívno-scientické a kvalitatívno-humanitné prístupy v edukačnom výskume. Bratislava : IRIS, 1998. 303 s. ISBN 8088778735	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	
Notes:	
Evaluation of subjects Total number of evaluated students: 346	

A	B	C	D	E	FX
19.08	19.08	17.34	19.36	20.23	4.91
Teacher: prof. Dr. András Németh, DSc., Ing. István Szököl, PhD.					
Date of last update: 27.01.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ PDI/15	Name: Educational diagnostics
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 1 / 1 For the study period: 13 / 13 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 3.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: 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%.	
Results of education: Student acquires basic concepts: control, assessment. Understand the features of pedagogical assessment. Be able to (i) reflect on pedagogical assessment in function of educational concept, (ii) apply in pedagogical practice. Understand and apply theory, methods, forms and principles of pedagogical assessment.	
Brief syllabus: Control and assessment in education – determining basic concepts. Concept of educational process and quality change of learning. Concepts of teaching and its process. Personality of teacher. Functions and dimensions of pedagogical assessment. Educational concepts and assessment. Process, methods and forms of pedagogical assessment. Meso level of assessment. External and internal control and assessment.	
Literature: Horváthová, Kinga. Kontrola a hodnotenie v školskom manažmente. - 1. vyd. - Bratislava : Wolters Kluwer, 2010. - 106 s. - ISBN 978-80-8078-329-7. Horváthová, Kinga., Szókö István. Kontrola a hodnotenie žiackych výkonov v národnostných školách na Slovensku. - 1. vyd. - Komárno : Pedagogická fakulta Univerzity J. Selyeho, 2013. - 120 s. - ISBN 978-80-8122-083-8. Gavora, Peter. Akí sú moji žiaci? - 3. vyd. - Nitra : Enigma, 2011. - 222 s. - ISBN 978-80-89132-91-1. Bertalané Zágón. Értékelés osztályozás nélkül : I . - Budapest : Nemzeti Tankönyvkiadó, 2001. - 92 s. - ISBN 9631923312. Falus, Iván. Didaktika. - Budapest : Nemzeti Tankönyvkiadó, 2003. - 552 s. - ISBN 9631952967. Falus Iván et all. A pedagógusok pedagógiája. - Budapest : Nemzeti Tankönyvkiadó, 2001. - 355 s. - ISBN 963191805x. Falus Iván. A tanárrá válás folyamata. - 1. vyd. - Budapest : Gondolat, 2007. - 245 s. - ISBN 978 963 9610 97 2.	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	
Notes:	

Evaluation of subjects

Total number of evaluated students: 582

A	B	C	D	E	FX
22.68	25.77	19.93	14.78	14.26	2.58

Teacher: prof. Dr. Béla István Pukánszki, DSc., Ing. István Szököl, PhD., Dr. habil. PaedDr. Kinga Horváth, PhD.

Date of last update: 27.01.2015

Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ PEP/15	Name: Educational psychology
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 1.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: 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%.	
Results of education: Student has acquired bipolarity and psychological principles of teaching and learning, effective model of learning and application of differentiation for student's success in the school.	
Brief syllabus: Educational psychology as the specific discipline of psychology – defining the basic concepts. Bipolarity of the educational process. Educational impact and indicators. Optimalizational learning process. Principles of learning. Interest and memory as indicators of learning. Convergent and divergent tasks. Multiple intelligences and development of creativity.	
Literature: Bagdy Emõke: Személyiségfejlesztő módszerek az iskolában. Budapest : Nemzeti Tankönyvkiadó, 2002. 308 s. ISBN 9631922359 Bordás Sándor, Forró Zsuzsa, Németh Margit, Stredl Terézia: Pszichológiai jegyzetek. 3. vyd. Komárom : Valeur s.r.o., 2009. 320s. ISBN 9788089234851 Hvozdík Ján: Základy školskej psychológie. 1. vyd. Bratislava : Slovenské Pedagogické Nakladateľstvo, 1986. 360s. Zelina Miron: Aktivizácia a motivácia žiakov na vyučovaní. Krajský pedagogický ústav v Prešove, 1991. 73 s. ISBN 0006427 Zelina Miron: Stratégie a metódy rozvoja osobnosti : Metódy výchovy. 2. vyd. Bratislava : Iris, 1996. 234 s. ISBN 8096701347	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	
Notes:	
Evaluation of subjects Total number of evaluated students: 336	

A	B	C	D	E	FX
43.45	21.13	14.58	10.42	8.63	1.79
Teacher: prof. Dr. Béla István Pukánszki, DSc., Mgr. Anita Tóth-Bakos, PhD.					
Date of last update: 27.01.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ POP/15	Name: Comparative Education
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present	
Number of credits: 1	
Recommended semester/trimester of study: 1.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: Evolution: A – 90 -100%, B – 80 -89%, C – 70 -79%, D – 60 - 69%, E – 50 -59%.	
Results of education: Student has studied the educational program sin the European context, methodology of comaparative education analyzing the data of PISA and OECD monitoring.	
Brief syllabus: Specific disciplines of education. Comparative education – definition, mission. Educational alternatives, programs – basic concepts. International surveys and evaluation: PISA, OECD, national evaluation – monitor. Comparing school systems in Europe. Framework and opportunities of evaluations and assessment. Data and results of local, regional, national and international evaluations. Objectivity and subjectivity of assessment. Modification and impelentation of data.	
Literature: Albert Sándor: Az iskolai és óvodai oktatási programok kialakításáról. Komárno : Univerzita J.Selyeho, 2009. 121 s. ISBN 9788089234790 Kovátsné Németh Mária: Fenntarthatóság, pedagógia, kutatás. Győr : Nyugat-Magyarországi Egyetem Apáczai Csere János Kar, 2007. 227 s. ISBN 9789639364851 Kovátsné Németh Mária: Reformpedagógiai koncepciók, alternatív megoldások. Komárno : Selye János Egyetem, 2007. 330 s. ISBN 9788089234349 Pukánszky Béla: A gyermek évszázada. Budapest : Osiris, 2000. 166 s. ISBN 9633797705 Švecová Valéria: Základy pedagogiky. Technická univerzita v Košiciach, 1998. 124 s. ISBN 8070993235 Turek Ivan: Školstvo v štátoch OECD a EÚ. Bratislava : Metodické centrum, 2001. 120 s. ISBN 8080521077 Zelina Miron: Alternatívne školstvo : alternatívne školy, alternatívna pedagogika, alternatívne pedagogické koncepcie a smery. Bratislava : IRIS, 2000. 257 s. ISBN 8088778980	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	
Notes:	

Evaluation of subjects

Total number of evaluated students: 172

A	B	C	D	E	FX
29.65	35.47	28.49	5.81	0.58	0.0

Teacher: Dr. habil. Dr. Mária Magdolna Németh, CSc.**Date of last update:** 27.01.2015**Approved by:** Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth,
PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ PSO/15	Name: Psychology of Personality
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present	
Number of credits: 1	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: 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%.	
Results of education: Student will learn about the representants and trends within the personality psychology, such as typology, structure of personality and about the strong and weak sides of the personality affecting success in the school.	
Brief syllabus: Definition of the special psychological discipline, basic terms. Representants and their theories: Hippocrates, Pavlov, Jung, Eysenck, Rogers, Gordon. Structure of personality. Gardner: multifactor intelligence, Emotional intelligence and its development in the school. Psycho-pathology. Coping and healthy personality.	
Literature: Calvin S. Hall, Gardner Lindzey, John C. Loehlin, Martin Manosevitz: Psychológia osobnosti : Úvod do teórie osobnosti. 1. vyd. Bratislava : Slovenské pedagogické nakladateľstvo, 1997. 510 s. ISBN 8008009942 Jung C. G.: A személyiség fejlődése : C. G. Jung összegyűjtött munkái tizenhetedik kötet. 1. vyd. Budapest : Scolar Kiadó, 2008. 208 s. ISBN 9789632440026 Ranschburg Jenő: Az érzelem és a jellem lélektanáról. Budapest : Okker Kiadó, 2003. 304. ISBN 9637315780. Ranschburg Jenő: Pszichológiai rendellenességek gyermekkorban. Budapest : Nemzeti Tankönyvkiadó, 1998. 200 s. ISBN 9631927008	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	
Notes:	
Evaluation of subjects Total number of evaluated students: 296	

A	B	C	D	E	FX
47.64	23.99	20.27	5.74	2.36	0.0
Teacher: prof. Dr. Béla István Pukánszki, DSc., PaedDr. Terézia Strédl, PhD.					
Date of last update: 27.01.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ PSV/15	Name: Personal and social education in lifelong learning
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: The class is finished by an exam. The exam has to be passed at the end of the term in written form, as a knowledge test. At least 50% of the test has to be successful to pass the class. A mark – 90 -100%, B mark – 80 -89%, C mark – 70 -79%, D mark – 60 - 69%, E mark – 50 -59%	
Results of education: Students will acquire the fundamentals of lifelong learning and also the personal and social competences to perform as an educational professional	
Brief syllabus: The positions of the subject in the system of educational sciences. The beginnings, development and tasks of personal and social education. Competences of a teacher. Guidelines for creative and practical solutions during and educational process. Practical solutions to the issues in connection to the family, school and non-educational facilities during the personal development of pupils. individual approach of teacher to the pupil	
Literature: Albert Alexander, Turek Ivan: O zblížovaní vzdelávania v Slovenskej republike v Európskej únii. Košice : Technická univerzita, 2000. - 152 s. - ISBN 80-7099-525-4. Nagy József: Kompetencia alapú kritériumorientált PEDAGÓGIA. Szeged : Mozaik Kiadó, 2007. 383 s. ISBN 978 963 697 5418 Nagy József: XXI. század és nevelés. Budapest : Osiris Kiadó, 2002. 350 s. ISBN 963 379 769 1 Pukánszky Béla, Zsolnai Anikó: Pedagógiák az ezredfordulón : Szöveggyűjtemény. Budapest : Eötvös József Könyvkiadó, 1998. 246 s. ISBN 963 9024 38 4 Zelina Miron: Stratégie a metódy rozvoja osobnosti : Metódy výchovy. Bratislava : Iris, 1996. 234 s. ISBN 8096701347	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	
Notes:	
Evaluation of subjects Total number of evaluated students: 291	

A	B	C	D	E	FX
50.86	28.18	17.18	3.44	0.34	0.0
Teacher: prof. Dr. Béla István Pukánszki, DSc.					
Date of last update: 27.01.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ RAS/15	Name: Family and School
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present	
Number of credits: 1	
Recommended semester/trimester of study: 2.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: One written test during a term for 60 points, another 60 points could be earned for continuous in-class activities (essay). At least 40 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%	
Results of education: Passing this subject students will get wide knowledge and informations about family and school, as the basic institutions of education and their responsibilities during the personal development of children, also during education, socialisation, preventive educational and consulting activities. Students will be able to provide basic cooperation between the school and family, to integrate parents to the school-life and to communicate with them as with the partners of the school, also will understand the interactive relationship between family, school and other environment of children	
Brief syllabus: Family and school as basic educational institutions. Environment and education of people. Functions of the family. Educations within the family as a part of a historical development. Functions of the school. Cooperation between school and family. Family and their cooperation with school. Forms and levels of cooperation between family and school. Interpersonal teacher competences and relationships with the parents. Communications between school and family, cooperation possibilities	
Literature: Andorka Rudolf: Gyermek, család, történelem. Budapest: ARTT, 2001. 338. ISBN 9639211249 Gordon Thomas: A tanári hatékonyság fejlesztése. A T.E.T.-módszer. Budapest : Gondolat, 1991. 343 s. ISBN 963 282 600 0 Hernádi Miklós: Családbomlás az ezredfordulón. Budapest : Akadémiai, 2003. 172. ISBN 9630578190 Spéder Zsolt: Család és népesség-itthon és Európában. Budapest : Sajtóház Kiadó, 2003. 562. ISBN 9639211613 Petró András: Szülőknek az iskoláról. Budapest : Nemzeti Tankönyvkiadó, 1997. 208. ISBN 9631882993	

Rozinajová Helena: Pedagogika rodinného života pre učiteľov. Bratislava : Slovenské Pedagogické Nakladateľstvo, 1988. 267s.
 Spéder Zsolt: Család és népeesség-itthon és Európában. Budapest : Sajtóház Kiadó, 2003. 562. ISBN 9639211613
 Szretykó György: Globalizáció és család : A családszociológia új kihívásai. Pécs : Comenius Bt., 2002. - 160 s. ISBN 963 204 376 6
 Trencsényi László: Hetedik nekifutás az értékek útvesztőjében. Budapesti Nevelő, 2009/2. http://preview.fppti.hu/data/cms54391/2009_2.szam_teljes%29.pdf
 Mérei, F.: Társ és csoport, Akadémiai Kiadó, Budapest, 1989
 Satirová, V.: Kniha o rodine, SVAN Praha, 1994
 Rozinajová, H.: Pedagogika rodinného života, SPN Bratislava, 1988

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

Notes:

Evaluation of subjects

Total number of evaluated students: 283

A	B	C	D	E	FX
23.67	27.21	18.73	14.13	14.49	1.77

Teacher: Dr. habil. Ádám István Nagy, PhD., Dr. habil. Dr. Mária Magdolna Németh, CSc.

Date of last update: 27.01.2015

Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ SCV/15	Name: Sociology of education
Types, range and methods of educational activities: Form of study: Lecture Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present	
Number of credits: 2	
Recommended semester/trimester of study: 4.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: The class is finished by an exam. The exam has to be passed at the end of the term in written form, as a knowledge test. At least 50% of the test has to be successful to pass the class. A mark – 90 -100%, B mark – 80 -89%, C mark – 70 -79%, D mark – 60 - 69%, E mark – 50 -59%	
Results of education: Student acquires determinants of educational sociology with effect pupil's school success.	
Brief syllabus: Socializing layers and elements. Family as primer socialization. School as secondary socialization. Freetime as tertiary socialization. Media as fourth-order socialization. Socializing elements: civil sector, church, political socialization and other. Characteristics and changes in youth's life. Youth and their problems in the millennium III. The institutionalized education. Educational styles and their forming effects. Social disadvantage and school success.	
Literature: Bagdy Emőke: A pedagógus hivatásszemélyisége : Egy pályaszocializációs kísérlet tanulságai. 1. vyd. Debrecen : KLTE Pszichológiai Intézet, 1996. 261 s. ISBN 963 472 220 2 Bagdy Emőke: Családi szocializáció és személyiségzavarok. Budapest : Nemzeti Tankönyvkiadó, 2002. 138 s. ISBN 963 19 2415 7 Balvín Jaroslav: Filozofie výchovy a metody výuky romského žáka.1. vyd. - Praha : RADIX s.r.o., 2008. 256 s. ISBN 9788086031835 Gábor Kálmán: Társadalmi átalakulás és ifjúság. Szeged : Belvedere Meridionale, 2000. 293. ISBN 9630395983 Kozma Tamás: Bevezetés a nevelésszociológiába. Budapest : Nemzeti Tankönyvkiadó, 2001. 489 s. ISBN 963 19 5512 5 Ondrejkovič Peter: Socializácia mládeže ako východisková kategória sociológie výchovy a sociológie mládeže : Príspevok k riešeniu problémov sociológie výchovy a mládeže. 1. vyd. Bratislava : VEDA, 1997. 204 s. ISBN 8022404764 Palkovičová Eva: Pohľady na občiansku kultúru. Bratislava : Kalligram, 2000. 127 s. ISBN 8071493597 Rapoš Ivan: Výchova k ľudským právam = Príručka pre učiteľov.1. vyd. Bratislava : PHARE Democracy Programme, 1994. 112 s. ISBN 8096716905	

Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language					
Notes:					
Evaluation of subjects Total number of evaluated students: 18					
A	B	C	D	E	FX
11.11	5.56	27.78	16.67	38.89	0.0
Teacher: Dr. habil. Ádám István Nagy, PhD., prof. Dr. András Németh, DSc.					
Date of last update: 27.01.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ SOZ/15	Name: Social skills training
Types, range and methods of educational activities: Form of study: Practical Recommended extent of course (in hours): Per week: For the study period: 20s Methods of study: present	
Number of credits: 1	
Recommended semester/trimester of study: 3.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: Student attends at student experiential activities.	
Results of education: The goal is to motivate and develop self-knowledge and self-reflection students. The student will be able to: - recognize the importance of self-knowledge and personal development in teaching practice - define their strengths and weaknesses - of constructive self-criticism and criticism - to build a positive self-image in the context of the teaching profession. Student through experiential activities acquires experience of active social and experiential learning.	
Brief syllabus: Subject is done through experiential activities and exercises aimed mainly at: 1. The area outside world in the process of self-knowledge - individual membership in different social groups and how these acts on it, 2. internal area of the world in the process of self-knowledge - experiencing, thinking, decision making , the ways we influence our emotions and our physical component, how hidden beliefs influence our thinking and so on. 3. The area of the transition zone - behavior, communication, external physical characteristics. 4. Increasing sensitivity to equity if survival and survival emotions of others.	
Literature: Mareš Jiří. Sociální a pedagogická komunikace ve škole. - 1. vyd. - Praha : Statní Pedagogické Nakladatelství, 1989. - 165s. - ISBN 80-04-21854-7. Buda Béla. Empátia a beleélés lélektana. - Pécs : Lingua Franca Csoport, 1993. - 352. - ISBN 9630432102. Murayné Szy. Éva. Játékos beszédnevelés. - Budapest : Múzsák Közművelődési Kiadó, 1980. - 190 s. - ISBN 9635641915. Hennig Claudius. Antistresový program pro učitele : Projevy, příčiny a způsoby překonání stresu z povolání. - 1. vyd. : Portál, 1996. - 99 s. - ISBN 80-7178-093-6.	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	
Notes: Block form of education.	

Evaluation of subjects	
Total number of evaluated students: 0	
a	n
0.0	0.0
Teacher: Dr. habil. PaedDr. Kinga Horváth, PhD., PaedDr. Terézia Strédl, PhD., Mgr. Anita Tóth-Bakos, PhD.	
Date of last update: 27.01.2015	
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.	

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KPD/SZdm/ TPO/15		Name: Theoretical knowledge of the field of study			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study:					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject: Final Examination of the theoretical knowledge of their specialized study, which evaluated the selection board. Evolution: A – 90 -100%, B – 80 -89%, C – 70 -79%, D – 60 - 69%, E – 50 -59%.					
Results of education: Graduate of the Department of Post-Secondary Teaching subjects through common sociálnovedného, pedagogical and psychological basis of teaching disciplines master basic content of their specialization, the principles of its structure, is familiar with the methodology of content production department and its broader cultural and social contexts. With this contains evidence treated as a product of human (scientific) activities, and in this context it is able to design the didactic intents and purposes. In addition to managing the teaching competence (design, implementation and reflection of classroom instruction) it is able to participate in the development of methodological materials for teaching.					
Brief syllabus:					
Literature: The compulsory and elective subjects is given subject data sheets.					
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:					
Date of last update: 31.10.2014					

Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth,
PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KPD/SZdm/ TVZ/15		Name: Education technology			
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present					
Number of credits: 1					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject: Awritten test duringthesemester (50 points), and task-releases (50 points). Evaluation: A - 90 to 100%, B - 80% -89 C - -79% 70, D - 60-69%, E - 50 -59%.					
Results of education: Knowingaboutthephilosophy of informationsociety andcomparison of thetraditionalschool.					
Brief syllabus: Introduction - Description of thetraditionalschooleducation and informationsocietyeducation. Characteristics of theinformationsociety. Glossary: communication, digitization, computerization, globalization, digitalcapabilities, hazards of, propertyrights, thetheory of cognitiveprocessinthedigitalworld, teachingstyles, thepossibilities of ICT, teaching and learningforms and methods of thedigitalworld. E-books, e-learning, m-learning, teaching software. Knowledge Test. thefundamental of Computers. Multimediacomputers, interactivecommunicationineducation - chat, blogging, video conferencing,					
Literature:					
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language					
Notes:					
Evaluation of subjects Total number of evaluated students: 529					
A	B	C	D	E	FX
58.22	20.79	8.7	3.59	8.13	0.57
Teacher: Dr. habil. Ádám István Nagy, PhD., Ing. István Szököl, PhD., Mgr. Ladislav Jaruska, PhD., Mgr. Katarína Szarka, PhD.					
Date of last update: 27.01.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Education	
Code: KPD/SZdm/ VPU/15	Name: Developmental learning disorders
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 1 For the study period: 13 Methods of study: present	
Number of credits: 2	
Recommended semester/trimester of study: 3.	
Level of study: II.	
Prerequisites:	
Conditions for passing the subject: 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%.	
Results of education: Students will be able to specify various types of educational disorders, to classify them, provide basic corrections, cooperate with supportive professionals and to teach by individual educational plans for pupils with special needs.	
Brief syllabus: 1. Developmental disorders and forms of occurrence 2. Characteristics of performance decrease 3. Dyslexia, dysgrafia, dysorthografia 4. Dyskalkulia, dyspraxia 5. ADD, ADHD 6. Conners‘ Hyperactivity Scale – screening 7. Methodical guidelines for integration 8. Individual educational plans elaboration 9. Classification and assesment of pupils with special needs 10. Correction and re-education 11. Tasks of a special teacher, school psychologist, educational assistent 12. Cooperation with special centres: CPPPaP, CŠPP	
Literature: . Földi Rita: Hiperaktivitás és tanulási zavarok. 1. vyd. Pécs : Comenius Bt., 2004. 155 s. ISBN 963 86432 7 7 Porkolábné Balogh Katalin: Készségfejlesztő eljárások tanulási zavarral küzdő kisiskolásoknak. 3. vyd. Budapest : ELTE, 2005. 45s. Strédl Terézia: Inkluzív pedagógia avagy a gyógypedagógiáról másképp. 1. vyd. Komárno : Univerzita J. Selyeho, 2013. 148 s. ISBN 9788081220890 Vašek Štefan: Špeciálno pedagogická diagnostika. 4. vyd. : Sapientia s.r.o, 2004. 168 s. ISBN 8096911201 Zelinková Oľga: Poruchy učení : dyslexie, dysgrafie, dysortografie, dyskalkulie, dyspraxie, ADHD. 1. vyd. Praha : Portál, 2009. 263 s. ISBN 9788073675141 www.statpedu.sk	
Language, knowledge of which is necessary to complete a course: Hungarian or Slovak Language	

Notes:**Evaluation of subjects**

Total number of evaluated students: 451

A	B	C	D	E	FX
55.88	32.15	11.09	0.67	0.22	0.0

Teacher: PaedDr. Terézia Strédl, PhD.**Date of last update:** 27.01.2015**Approved by:** Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth,
PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/ŠS/ MAm/09		Name: Mathematics			
Types, range and methods of educational activities: Form of study: Recommended extent of course (in hours): Per week: For the study period: Methods of study: present					
Number of credits: 0					
Recommended semester/trimester of study:					
Level of study: II.					
Prerequisites: KMA/DM1/MA/09 and KMA/PST1/MA/09 and KMA/TEM/MA/10 and KMA/PST2/MA/09 and KMA/DM2/MA/09 and KMA/TEA/MA/09 and KMA/DEM/MA/09 and KMA/DM3/MA/09 and KMA/TEC/MA/09 and KMA/PPX4/MA/09					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 64					
A	B	C	D	E	FX
21.88	20.31	20.31	18.75	18.75	0.0
Teacher:					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/TEA/MA/09		Name: Theoretical Arithmetics			
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 1 / 1 For the study period: 13 / 13 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 71					
A	B	C	D	E	FX
15.49	23.94	15.49	26.76	18.31	0.0
Teacher: doc. RNDr. János Tóth, PhD., Dr. habil. László Szalay, DSc.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/TEC/ MA/09		Name: Number Theory			
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 1 / 1 For the study period: 13 / 13 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 3.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 70					
A	B	C	D	E	FX
21.43	24.29	25.71	14.29	14.29	0.0
Teacher: doc. RNDr. János Tóth, PhD., doc. RNDr. Ferdinánd Filip, PhD., Dr. habil. László Szalay, DSc.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/TEM/MA/10		Name: Measure Theory			
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 1 / 1 For the study period: 13 / 13 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 77					
A	B	C	D	E	FX
11.69	16.88	19.48	24.68	15.58	11.69
Teacher: Mgr. Sándor Kelemen, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMA/TMT/MA/09		Name: Mathematical Typography			
Types, range and methods of educational activities: Form of study: Seminar Recommended extent of course (in hours): Per week: 2 For the study period: 26 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 2.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 85					
A	B	C	D	E	FX
77.65	11.76	10.59	0.0	0.0	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Education					
Code: KMI/ UMS/14		Name: Mathematical Competition Tasks Solving			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 / 0 For the study period: 0 / 26 / 0 Methods of study: present					
Number of credits: 2					
Recommended semester/trimester of study: 1.					
Level of study: II.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus:					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 25					
A	B	C	D	E	FX
0.0	16.0	24.0	20.0	40.0	0.0
Teacher: PaedDr. József Kalácska					
Date of last update: 10.05.2015					
Approved by: Guaranteeprof. ThDr. István Karasszon, PhD.Guaranteedoc. RNDr. János Tóth, PhD.Guaranteeprof. Dr. Béla István Pukánszki, DSc.Co-guaranteedoc. RNDr. Ladislav Mišík, CSc.					