

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/APO/15		Name: Computer Hardware			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 2 For the study period: 26 / 0 / 26 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 4.					
Level of study: I.					
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: 79					
A	B	C	D	E	FX
22.78	21.52	15.19	22.78	16.46	1.27
Teacher: Dr. habil. András Molnár, PhD.					
Date of last update: 09.02.2015					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ BS1/15		Name: Bachelor Thesis Seminars 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: 5.					
Level of study: I.					
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
89.71	2.94	5.88	0.0	0.0	1.47
Teacher: prof. Dr. Annamária Várkonyiné Kóczy, DSc.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ BS2/15		Name: Bachelor Thesis Seminars 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: 6.					
Level of study: I.					
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: 59					
A	B	C	D	E	FX
89.83	5.08	1.69	1.69	1.69	0.0
Teacher: prof. Dr. Annamária Várkonyiné Kóczy, DSc.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ DBA/15		Name: Tvorba databázových aplikácií			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 0 / 2 For the study period: 0 / 0 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 5.					
Level of study: I.					
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: 185					
A	B	C	D	E	FX
23.78	27.57	11.35	10.27	11.35	15.68
Teacher: Ing. Ondrej Takáč, PhD.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ DBS/15		Name: Information Systems			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 2 For the study period: 26 / 0 / 26 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 4.					
Level of study: I.					
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: 110					
A	B	C	D	E	FX
10.91	46.36	35.45	5.45	1.82	0.0
Teacher: Dr. habil. Attila Elemér Kiss, CSc., Ing. Ondrej Takáč, PhD.					
Date of last update: 20.11.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ DEI/15		Name: History of Informatics			
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: I.					
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: 140					
A	B	C	D	E	FX
32.14	9.29	10.71	19.29	25.0	3.57
Teacher: Dr. Gábor Kiss, PhD., PaedDr. Krisztina Czakóová, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ DM1/15		Name: Discrete Mathematics 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: 2.					
Level of study: I.					
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: 204					
A	B	C	D	E	FX
5.39	5.88	9.8	17.65	30.39	30.88
Teacher: Dr. habil. Attila Elemér Kiss, CSc., Mgr. Sándor Kelemen, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ DM2/15		Name: Discrete Mathematics 2			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 1 / 1 For the study period: 26 / 13 / 13 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 4.					
Level of study: I.					
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: 106					
A	B	C	D	E	FX
20.75	16.04	16.04	10.38	29.25	7.55
Teacher: doc. RNDr. János Tóth, PhD., RNDr. József Bukor, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KEK/Aldb/ EK1/15	Name: Ekónómia 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: I.	
Prerequisites:	
Conditions for passing the subject: Successful completion of the final written test at the end of the semester. To obtain evaluation A is necessary at least 90% of the maximum score of the final review, to obtain evaluation B at least 80%, for the assessment of at least 70% C, D for the assessment of at least 60%, and the evaluation E at least 50% of the maximum points. Credit won't be granted to a student who did not receive at least 50% of the maximum of score on the written test.	
Results of education: After the completion of the course the student will know the basic concepts of microeconomics system and the individual decisions of market participants. The student will be able to prepare basic microeconomic analysis of demand and supply.	
Brief syllabus: The basics of microeconomic theory 2. The state as a market balance factor - demand, supply, market balance 3. The theoretical basics of consumption, consumer preferences 4. General characteristics of the utility functions, maximum utility 5. The consumer's optimal choice - changes in income, changes in unit prices, consumer surplus 6. Price elasticity, income elasticity, cross-price elasticity 7. The basics of supply theory - companies 8. Costs, revenues, profits of companies 9. Enterprises and market structures - perfect competition 10. The company's offerings - supply curve 11. Monopoly, oligopoly 12 Taxation – consumption, production of goods and services 13. Support – consumption, production of goods and services	
Literature: 1. LISÝ, J. a kol.: Ekónómia v novej ekonomike. Bratislava : Iura Edition, 2005, s. 622s. ISBN 80-8078-063-3. 2. FENDEK, M. – FENDEKOVÁ, E. Mikroekonomická analýza. Bratislava : Iura Edition, 2008, s. 576. ISBN 978-80-8078-180-4. 3. FENDEKOVÁ, E. a kol.: Zbierka príkladov z mikroekonómie. Bratislava : Iura Edition, 2009, s. 200. ISBN 978-80-8078-242-9.	

4. JUREČKA, V. a kol.: Mikroekonomie. Praha : Grada Publishing, 2010, s. 360. ISBN 978-80-247-3259-6.
5. KOPPÁNY, M.: Mikroökonómia. Budapest : Akadémia Kiadó, 2009, s. 555. ISBN 978-963-05-8567-5.
6. VARIAN, H. R.: Mikroökonómia középfolon. Budapest : Akadémia Kiadó, 2005, s. 745. ISBN 963-05-8308-9.

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

Hungarian and Slovak language

Notes:

Evaluation of subjects

Total number of evaluated students: 55

A	B	C	D	E	FX
7.27	7.27	5.45	32.73	27.27	20.0

Teacher: prof. Dr. Imrich Okenka, PhD., Ing. Zoltán Šeben, PhD., PhDr. Enikő Korcsmáros, PhD.

Date of last update: 17.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KEK/Aldb/ EK2/15	Name: Ekónómia2
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: I.	
Prerequisites:	
Conditions for passing the subject: Successful completion of the final written test at the end of the semester. To obtain evaluation A is necessary at least 90% of the maximum score of the final review, to obtain evaluation B at least 80%, for the assessment of at least 70% C, D for the assessment of at least 60%, and the evaluation E at least 50% of the maximum points. Credit won't be granted to a student who receive 49% or less from the maximum of score on the written test.	
Results of education: After the completion of the course the student will know the basic knowledge about the macro-economic context. The student learns the factors influencing GDP, inflation, unemployment rate and will be able to prepare basic macro-economic analysis of the economy.	
Brief syllabus: 1. The basics of macroeconomic theory. 2. The economic possibilities and methods of performance measurement - the approach in expenditure and the revenue side, the value-added method. 3. Classic model 4. Length-Term Growth - Solow model 5. The fiscal and monetary policy of the state 6. Labour market - unemployment and employment rates, effective wage, the rate of economic activity 7. Money and money markets, Baumol - Tobin model 8. The relationship between inflation and unemployment - Philips curve 9. Aggregate demand and aggregate supply 10. AD-AS model 11. Keynes's approach 12. IS-LM model 13. Economic growth, economic cycle	
Literature: 1. LISÝ, J. a kol.: Ekonomický rast a ekonomický cyklus. Bratislava : Iura Edition, 2011, s. 273. ISBN 978-80-8078-405-8. 2. LISÝ, J. a kol.: Ekonomika v novej ekonomike. Bratislava : Iura Edition, 2007, s. 715. ISBN 808-078-164-4.	

3. JUREČKA, V. a kol.: Makroekonomie. Praha : Grada Publishing, 2010, s. 336. ISBN 978-80-247-3258-9.
4. MANKANIE, N.G.: Makroökonómia. Budapest : Osiris Kiadó, 2002, s. 566. ISBN 963-33-794-18-8.
5. SIMON, A.: Útmutató a makroökonómiához. Budapest : Osiris Kiadó, 2002, s. 239. ISBN 963-379-419-6.
6. MISZ, J.: Makroökonómia feladatgyűjtemény. Budapest : Panem Kiadó, 2004, s. 188. ISBN 963-545-434-1.

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

Hungarian and Slovak language

Notes:

Evaluation of subjects

Total number of evaluated students: 18

A	B	C	D	E	FX
11.11	11.11	22.22	27.78	16.67	11.11

Teacher: prof. Dr. Imrich Okenka, PhD., Ing. Zoltán Šeben, PhD., PhDr. Enikő Korcsmáros, PhD.

Date of last update: 17.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ GED/15		Name: Cmputer Graphics - Graphic Editors			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 0 / 2 For the study period: 0 / 0 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 3.					
Level of study: I.					
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: 111					
A	B	C	D	E	FX
38.74	15.32	18.92	12.61	10.81	3.6
Teacher: Dr. habil. József Zoltán Kató, DSc., RNDr. Peter Csiba, PhD.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KEK/Aldb/ HOP/15		Name: Hospodárske právo			
Types, range and methods of educational activities: Form of study: Lecture / Seminar Recommended extent of course (in hours): Per week: 2 / 0 For the study period: 26 / 0 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 4.					
Level of study: I.					
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: 1					
A	B	C	D	E	FX
0.0	100.0	0.0	0.0	0.0	0.0
Teacher: doc. Ing. Péter Karácsony, PhD.					
Date of last update: 17.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ INS/15		Name: Intelligent systems			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 0 For the study period: 26 / 0 / 0 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 5.					
Level of study: I.					
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: Dr. habil. András Molnár, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/Aldb/ KS1/15	Name: Office Information Systems 1
Types, range and methods of educational activities: Form of study: Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 2 For the study period: 0 / 26 Methods of study: present	
Number of credits: 3	
Recommended semester/trimester of study: 1.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject: During the semester, midterm tests are written by students. Based on the average of the results: above 90% A, between 80 to 90% B, 70-80% C, 60-70% D, 50-60% E below 50% FX.	
Results of education: The purpose of the course is that students acquire basic skills to work with the computer and computer applications, especially the use of MS Office software. Students will acquire theoretical and practical knowledge of word processing, graphics editor and spreadsheet application software, and using the Internet Services. The main focus is on the application basic principles.	
Brief syllabus: Basic concepts of computer use (OS, element,filetypes, folder ...). Use a text editor (description of the environment, the basic functions). Creating Documents (font, format), text wrapping, the graphics operations. differences between different types of editors (WYSIWYG). How to use the language corrector. Using a graphical environment (description of the environment, control elements). Selected objects from work (copy, rotate, zoom ...). Illustrations and other objects you insert into your document (with different applications running).	
Literature: 1. STOFFA,V. - CSÍZI,L. - SZŐKÖL, I. - TÓTH, K. - VÉGH,L.: Az informatika alapjai I. Komárno: UJS, 2007, s. 268. ISBN 978-80-89234-29-5. 2. STOFFOVÁ, V. - CSÍZI, L. - TÓTH, K. - SZŐKÖL, Š.: Informačné a komunikačné technológie v praxi II. Komárno : Univerzita J. Selyeho, 2007, s. 316. ISBN 978-80-89234-42-4. 3. STOFFOVÁ, V. - CSÍZI, L. - TÓTH, K. - SZŐKÖL, Š.: Információs és kommunikációs technológiák a gyakorlatban II. Komárno : Univerzita J. Selyeho, 2007, s. 316. ISBN 978-80-89234-69-1. 4. BAKA, M. - KOCZKA, F.: Informatika, Szövegszerkesztés. Eger : EKTF LÍCEUM KIADÓ,1997. 5. CAWSEY, A.: Mesterséges intelligencia. Budapest : Panem Kft., 2002, s. 207. ISBN 963 545 285 3.	
Language, knowledge of which is necessary to complete a course:	
Notes:	

Evaluation of subjects

Total number of evaluated students: 197

A	B	C	D	E	FX
53.3	21.83	13.71	6.6	2.03	2.54

Teacher: Dr. habil. András Molnár, PhD., Dániel Zoltán Stojsics, PhD.**Date of last update:** 02.06.2014**Approved by:** Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ KS2/15		Name: Office Information Systems 2			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 0 / 2 For the study period: 0 / 0 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 2.					
Level of study: I.					
Prerequisites:					
Conditions for passing the subject: During the semester, midterm tests are written by students. Based on the average of the results: above 90% A, between 80 to 90% B, 70-80% C, 60-70% D, 50-60% E below 50% FX.					
Results of education: The course aim is to introduce the spreadsheets to the students and to point out their importance in solving the problems of everyday life. A further aim is that students acquire independent and creative work with the spreadsheet tools.					
Brief syllabus: The basic philosophy of spreadsheets, basic concepts. Simple tables and formula entry, formatting options. Spreadsheet functions, function wizard. Mathematical and statistical functions. Operations, logic functions and their significance. Search, database functions and special properties. Filtering spreadsheets. Graphics options, preparation of charts. Proximity application functions (linear, polynomial, exponential) Subtotals. Solving equations and solver. Create macros. Make your own applications					
Literature: 1. COHNER, K. J.- OZSVÁTH, M. – NAGY, G. J.: Office 2000. Budapest : ComputerBooks, 2002, s. 458. ISBN 963 618 235 3. 2. BÁRTFAI, B.: Office XP. Budapest : BBS-INFO Kft., 2002, s. 352. ISBN 963 862 329 2. 3. BOTT, E. – WOODY, L.: Office 2000. Budapest : Kiskapu Kft., 2002, s.1790. ISBN 963 860 103 5. 4. STOFFA, V. – CSÍZI, L. – SZŐKÖL , I. – TÓTH, K. – VÉGH, L.: Az informatika alapjai I. Komárno : Univerzita J. Selyeho, 2007, s. 269. ISBN 978-80-89234-29-5.					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 198					
A	B	C	D	E	FX
30.81	14.14	13.64	17.17	9.6	14.65

Teacher: Dániel Zoltán Stojcsics, PhD., Dr. Gábor Kiss, PhD.

Date of last update: 02.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/Aldb/ MA1/15	Name: Mathematics for informaticians 1
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 1 / 1 For the study period: 26 / 13 / 13 Methods of study: present	
Number of credits: 6	
Recommended semester/trimester of study: 1.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject: During the semester will be held two written clearance by 40 points and for the active work of student in WebWork-system can the student obtain 20 points. Of the total of 100 points it is needed to obtain at least 90 points on the valuation A, for grade B is necessary to obtain 80 points, for grade C at least 70 points, for grade D at least 60 points and for grade E at least 50 points. For the student, who obtained less than 20 points in any written clearance, at the end of semester a final written clearance will be held with max. 80 points.	
Results of education: After successful completion of this course students will know and control the basic properties of algebraic structures and the basic concepts of linear algebra. In solving the tasks of daily practice are able to apply basic methods of linear algebra. Furthermore, students are able to solve tasks and the computer in the CAS system using MATLAB or other suitable free software.	
Brief syllabus: Algebraic structures. Vector space. Subspace of a vector space. Linear dependence and independence of vectors. Dimension and base vector space. Matrices, operations with matrices. Rank of a matrix. Linear mapping, matrix of the linear mapping. Composition of linear mappings. Matrix inversion. Solving homogeneous and inhomogeneous systems of linear equations. Determinant, basic features and applications. Eigenvalues and eigenvectors.	
Literature: 1. Katriňák, T. a kol.: Algebra a teoretická aritmetika 1. Bratislava : UK Bratislava, 1995, s. 351. ISBN 80-223-0986-9. 2. SZENDREI, J.: Algebra és számelmélet. Budapest : Nemzeti tankönyvkiadó, 2001, s. 475. ISBN 963 19 2401 7.	

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

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

hungarian, slovak

Notes:

Evaluation of subjects

Total number of evaluated students: 200

A	B	C	D	E	FX
9.5	10.0	28.0	27.0	15.5	10.0

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

Date of last update: 02.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ MA2/15		Name: Mathematics for informaticians 2			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 1 / 1 For the study period: 26 / 13 / 13 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 2.					
Level of study: I.					
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: 180					
A	B	C	D	E	FX
5.0	9.44	9.44	25.0	42.22	8.89
Teacher: doc. RNDr. Ladislav Mišík, CSc., RNDr. József Bukor, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ MA3/15		Name: Mathematics for informaticians 3			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 1 / 1 For the study period: 26 / 13 / 13 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 3.					
Level of study: I.					
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: 118					
A	B	C	D	E	FX
5.08	7.63	17.8	22.03	46.61	0.85
Teacher: doc. RNDr. János Tóth, PhD., doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KM/AIdb/ MAN/15	Name: Management
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: 3.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject: During the semester the student is obliged to successfully complete the 100-point written test. To obtain grade „A“ students have to obtain minimum 90% of the total score, to obtain grade „B“ students have to obtain 80% of the total score, to obtain grade „C“ students have to obtain 70% of the total score, to obtain grade „D“ students have to obtain 60% of the total score, to obtain grade „E“ students have to obtain 50% of the total score.	
Results of education: In order to achieve strategic objectives, companies have to adapt to changes which in the daily operational tasks are always different. After completion of the course the students become familiar with the process of project planning and execution, as well as see through management duties in theory and practice.	
Brief syllabus: 1. Management and project management basics 2. Characteristics of the project process and its actors 3. Analysis of the project risk 4. Project planning basics 5. Analysis of the project planning process 6. Company time planning basics 7. Enterprise resource planning basics 8. Project cost analysis 9. Project control 10. Organizational project management solutions 11. Tools and decision-making methodology of the project strategy 12. Characteristics of the project proposal and evaluation, contracting process 13. Project success, project marketing	
Literature: 1. SEDLÁK, M.: Základy manažmentu. Bratislava : IURA EDITION, 2009, s. 310. ISBN 978-808-0781-93-4. 2. MAJTÁN, M.: Projektový manažment. Bratislava : Sprint dva, 2009, s. 299. ISBN 978-808-9393-05-3.	

3. KREMEŇOVÁ, I.: Projektový manažment. Bratislava : EDIS, 2009, s. 442. ISBN 978-805-5401-48-5.
4. CLELAND, D. – IRELAND, L.: Project Management: Strategic Design and Implementation. New York : McGraw-Hill Professional, 2007. ISBN 978-007-1471-60-2.
5. GÖRÖG, M.: A projektvezetés mestersége. (Majstrovstvo projektového riadenia). Budapest : AULA Kiadó, 2007, s. 376. ISBN 978-963-9478-5-72.
6. BENCSIK, A.: Menedzsment- és projekttechnikák. (Manažérske a projektové techniky). Veszprém : Pannon Kiadó, 2005, s. 438. ISBN 978-963-9495-68-9.
7. HENCZI L. – MURVAI L.: Projekttervezés és projektmenedzsment. (Projektové plánovanie a projektový manažment). Budapest : Saldó Kiadó Zrt., 2012, s. 184. ISBN 978-963-6384-09-8.

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

Hungarian language and Slovak language

Notes:

Evaluation of subjects

Total number of evaluated students: 15

A	B	C	D	E	FX
6.67	0.0	33.33	20.0	40.0	0.0

Teacher: prof. Dr. József Poór, DSc.

Date of last update: 11.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ MIT/15		Name: Materials and Technologies for Informaticions			
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: I.					
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
23.88	20.9	23.88	11.94	19.4	0.0
Teacher: Dr. habil. András Molnár, PhD.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KM/AIdb/ MRK/15	Name: Marketing
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: 6.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject: Exam: max. 100 points. To obtain grade „A“ students have to obtain minimum 90% of the total score, to obtain grade „B“ students have to obtain 80% of the total score, to obtain grade „C“ students have to obtain 70% of the total score, to obtain grade „D“ students have to obtain 60% of the total score, to obtain grade „E“ students have to obtain 50% of the total score. There is no credit for the subject if a student obtains less than 50%.	
Results of education: The objective of the subject is to give a knowledge about the corporate market operations for the students. During the semester we will deal with the basic elements of marketing, market, individual and organizational behavior, the application of the marketing tools. It will show the operation of the marketing tools, especially the process of market research.	
Brief syllabus: 1. Marketing theories, corporate marketing orientations 2. Market and market competition, segmentation, STP strategies 3. Consumer behavior as meta theory 4. Organizational buying behavior, relationship marketing 5. Brand and product. Fight for the consumers 6. Product policy, product developments, portfolio analysis, product life cycle 7. Product policy, pricing methods 8. Distribution system, logistic and the other functions 9. The participants of the distribution system, trends in retailing, personal selling 10. Advertisements and communication, forms of advertisement. The measure of efficiency of advertising 11. Marketing information system, market definitions 12. Marketing functions and marketing organizations 13. Marketing in international environment	
Literature: 1. KITA, J. a kol.: Marketing. Bratislava : Iura Edition, 2005, s. 431. ISBN 808-078-0498. 2. NÍZKA, H.: Aplikovaný marketing. Bratislava : Iura Edition, 2007, s. 198. ISBN 978-80-8078-157-6.	

3. HINORA, F. – SZÁNTÓ, SZ.: Minden, ami marketing. Budapest : Hinora Kommunikációs Ügynökség, 2010, s. 372. ISBN 978-963-069-1369.
4. BERNSCHÜTZ, M. – DEÉS, SZ. – KENÉZ, A.: Marketing esettanulmányok. Budapest : Akadémia Kiadó Zrt., 2013, s. 277. ISBN 978-963-059-3830.
5. SZILÁGYI, Z. – VERES, Z.: A marketing alapjai. Budapest : Perfekt, 2007, s. 316. ISBN 978-963-394-6022.

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

Hungarian and Slovakian language

Notes:

Evaluation of subjects

Total number of evaluated students: 3

A	B	C	D	E	FX
33.33	0.0	0.0	66.67	0.0	0.0

Teacher: Ing. Renáta Machová, PhD., prof. Dr. László Józsa, CSc.

Date of last update: 11.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ OBP/15		Name: Bakalárska 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: 10					
Recommended semester/trimester of study: 5., 6..					
Level of study: I.					
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: 63					
A	B	C	D	E	FX
41.27	23.81	20.63	9.52	4.76	0.0
Teacher:					
Date of last update: 06.02.2015					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/Aldb/ OPX/15	Name: Professional praxis
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: 5	
Recommended semester/trimester of study: 3., 4., 5., 6..	
Level of study: I.	
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: 74	
a	n
100.0	0.0
Teacher:	
Date of last update: 02.06.2014	
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.	

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ OS1/15		Name: Operating Systems 1			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 1 For the study period: 26 / 0 / 13 Methods of study: present					
Number of credits: 5					
Recommended semester/trimester of study: 5.					
Level of study: I.					
Prerequisites:					
Conditions for passing the subject:					
Results of education:					
Brief syllabus: Introduction to the Operating systems, basic terms. History and classification of operating systems. Architecture of operating systems. Graphical User Interface and Application Programming Interface of operating systems. File management, Authorization and access control. Disk management. Resource management. Processor and process management. Memory management. Virtual memory management.					
Literature:					
Language, knowledge of which is necessary to complete a course:					
Notes:					
Evaluation of subjects Total number of evaluated students: 79					
A	B	C	D	E	FX
3.8	6.33	12.66	17.72	46.84	12.66
Teacher: prof. Dr. Annamária Várkonyiné Kóczy, DSc., Ing. Ondrej Takáč, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ OS2/15		Name: Operatong Systems 2			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 1 For the study period: 26 / 0 / 13 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 6.					
Level of study: I.					
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
7.04	7.04	8.45	28.17	45.07	4.23
Teacher: prof. Dr. Annamária Várkonyiné Kóczy, DSc., Ing. Ondrej Takáč, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/AIdb/ OTR/15	Name: Technical Terminology
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: 4.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject: During the semester students study the original information resources of computer science and informatics from relevant books and Internet sources. Attention is drawn to the frequent terminological errors and deficiencies in computer science and information technology. Students are working on their final thesis throughout the semester. At the beginning of the semester is clearly defined input and method of classification. Students present their semester works in front of their classmates, after which is included a discussion. During the semester is monitored also student activity in the seminars. Active students receive a bonus, which is added to the overall assessment of the student. The course is ended classified credit. Classification is determined by the quality of semester work and its presentation level, with the addition of the bonus obtained per semester. Students must get at least the 50% score for granting credits for the subject. For obtaining the classification A must be obtained at least 90%, at least 80% for B, for C at least 70%, at least 60% for D, for E at least 50%. The student has the opportunity to improve the classification by correcting or reprocessing of their semester work.	
Results of education: During the semester the students become familiar with the terminology as a scientific discipline interdisciplinary nature of its basic rules and laws and to acquire basic literacy and culture terminology. The main focus is on ideal and real terms comparison and terminology of the area of Informatics, the source of terminological information, acquisition of competence for independent terminology work and terminology common errors and deficiencies in the multilingual context.	
Brief syllabus: Introduction to the scientific and technical terminology. Basic terminology of common terminology as a scientific discipline. Terminological literacy and culture of scientist informatics. Properties of an ideal term. Properties of real terms. Terminological system of Informatics. Special aspects of the terms (educational, etymological, intercultural et al.). Ways of creating terms and taking over the terms from other languages. Influence of English language to terminology of Informatics. Terminological resources of information and their assessment.	

<p>Normalisation and growing of terminology. The most commonly terminological errors and deficiencies in the presentations. Terminological work of scientist informatics in lifelong practice.</p>					
<p>Literature: Basic: 1. STOFFOVÁ, V. et al.: Informatika, informačné technológie a výpočtová technika : Terminologický a výkladový slovník. 1. vyd. Nitra : Fakulta prírodných vied UKF v Nitre, 2001, s. 230. ISBN 80-8050-450-4. 2. JUČACKOVÁ, Z.: Terminológia : Základné zásady, metódy a ich aplikácia. 1. vyd. Bratislava : Centrum vedecko-technických informácií SR, 2002, s. 72. ISBN 80-85165-85-6. Supplementary: 3. Conference books: Termina, DIDMATTECH, Trendy technické výchovy a i. 4. Extensive bibliography of terminology oriented minor works, continuously supplemented. 5. STOFFA, V. a kol.: Az informatika alapjai I. (Základy informatiky I.) 1. vyd. Komárno : Univerzita J. Selyeho, 2007, s. 369. ISBN 978-80-89234-29-5.</p>					
<p>Language, knowledge of which is necessary to complete a course: Hungarian language, Slovak language</p>					
<p>Notes: none</p>					
<p>Evaluation of subjects Total number of evaluated students: 49</p>					
A	B	C	D	E	FX
40.82	16.33	8.16	14.29	14.29	6.12
<p>Teacher: Ing. Ondrej Takáč, PhD., PaedDr. Krisztina Czakoová, PhD.</p>					
<p>Date of last update: 03.06.2014</p>					
<p>Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.</p>					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KEK/Aldb/ PFN/15	Name: Podnikové financie
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: 5.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject: Successful completion of the final written test at the end of the semester. To obtain evaluation A is necessary at least 90% of the maximum score of the final review, to obtain evaluation B at least 80%, for the assessment of at least 70% C, D for the assessment of at least 60%, and the evaluation E at least 50% of the maximum points. Credit won't be granted to a student who receive 49% or less from the maximum of score on the written test.	
Results of education: After the completion of the course the student will know the basic knowledge about the corporate finance. They understand financial processes related to the company, they are able to prepare basic analyze of the investment opportunities, they will be able to interpret the data connected with corporate cash flow.	
Brief syllabus: Introduction to Corporate Finance 2. General characteristics of money and currency 3. The time value of money 4. Interest Calculation methods - nominal and effective interest rate 5. Long-term financial assets - bonds 6. Long-term financial assets - shares 7. Risk, return, portfolio theory 8. Criteria for investment decisions 9. Corporate Cash Flow 10. Analysis of Investment Risk 11. Corporate resource structure characterization - equity, debt capital 12. Long-term financial decisions and capital structure 13. Effective market and corporate dividend policy	
Literature: 1. VLACHYNSKÝ, K. a kol.: Podnikové financie. Bratislava: Iura Edition, 2009, s. 524. ISBN 978-80-8078-258-0. 2. FETISOVOVÁ, E. a kol.: Podnikové financie – praktické aplikácie a zbierka príkladov. Bratislava: Iura Edition, 2009, s. 177. ISBN 978 -0-8078-367-9.	

3. SOBEKOVÁ MAJKOVÁ, M.: Ako financovať malé a stredné podniky. Bratislava: Iura Edition, 2011, s. 228. ISBN 978-80-8078-413-3.
4. BREALY, R.A. – MYERS, S.C.: Modern vállalati pénzügyek. Budapest: Panem Kiadó, 2005, s. 1176. ISBN 963-545-422-8.
5. DOBAI KORCSMÁROS, E.: Bevezetés a vállalati pénzügyekbe (elméleti és gyakorlati alapok). Komárom: Selye János Egyetem, 2013, s. 179. ISBN 978-80-8122-076-0.
6. GYULAI, L.: Kis- és középvállalatok üzletfinanszírozása. Budapest: Saldo, 2011, s. 168. ISBN 978-963-638-380-0.
7. BUDAPESTI CORVINUS EGYETEM: Vállalati pénzügyek példatár. Budapest: Aula Kiadó, 2005, s. 160. ISBN 978-9639-5856-76.

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

Hungarian and Slovak language

Notes:

Evaluation of subjects

Total number of evaluated students: 10

A	B	C	D	E	FX
10.0	20.0	20.0	50.0	0.0	0.0

Teacher: prof. Dr. József Poór, DSc., Ing. Zoltán Šeben, PhD., PhDr. Enikő Korcsmáros, PhD.

Date of last update: 17.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PGG/15		Name: Computer geometry and graphics			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 2 For the study period: 26 / 0 / 26 Methods of study: present					
Number of credits: 5					
Recommended semester/trimester of study: 5.					
Level of study: I.					
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
32.39	26.76	21.13	16.9	2.82	0.0
Teacher: Dr. habil. József Zoltán Kató, DSc., RNDr. Peter Csiba, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PHW/15		Name: Computer hardware			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 1 For the study period: 26 / 0 / 13 Methods of study: present					
Number of credits: 5					
Recommended semester/trimester of study: 1.					
Level of study: I.					
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: 129					
A	B	C	D	E	FX
6.98	13.18	14.73	19.38	30.23	15.5
Teacher: prof. Dr. Imrich Okenka, PhD., Ing. Ondrej Takáč, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PPR/15		Name: Processor programming - Assembler			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 0 / 2 For the study period: 0 / 0 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 5.					
Level of study: I.					
Prerequisites:					
Conditions for passing the subject: During the semester, midterm tests are written by students. Based on the average of the results: above 90% A, between 80 to 90% B, 70-80% C, 60-70% D, 50-60% E below 50% FX.					
Results of education: Students will gain hands-on experience of the x86 family of processors from machine-level programming (Assembly).					
Brief syllabus: Architectural overview of known processors. Register set, instruction set. runtime mechanisms, their relationship to the operating system machine level programs. Features of compilers. The structure of the executable files (EXE and COM files structure) Creating a simple, sequential programs iterations, the implementation of input / output operations. Calculations, data conversions, creating simulations. Peripheral device access and programming (Graphic Display elements, key management).					
Literature: 1. Agárdi G.: Gyakorlati Assembly, LSI oktatóközpont, 2002. 212 s. ISBN 963 577 1177. 2. Agárdi G.: Gyakorlati Assembly haladóknak, LSI oktatóközpont, 2002. 208 s. ISBN 963577141X.					
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: Dr. habil. András Molnár, PhD., Dániel Zoltán Stojcsics, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PR1/15		Name: Programming 1			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 2 For the study period: 26 / 0 / 26 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 1.					
Level of study: I.					
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: 359					
A	B	C	D	E	FX
15.88	12.81	16.43	22.56	25.07	7.24
Teacher: Dr. habil. Attila Elemér Kiss, CSc., PaedDr. Krisztina Czakóová, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PR2/15		Name: Programming 2			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 2 For the study period: 26 / 0 / 26 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 2.					
Level of study: I.					
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: 372					
A	B	C	D	E	FX
12.63	12.63	12.37	18.28	22.85	21.24
Teacher: Dr. habil. Attila Elemér Kiss, CSc., PaedDr. Ladislav Végh					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PR3/15		Name: Programming 3			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 2 For the study period: 26 / 0 / 26 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 3.					
Level of study: I.					
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: 243					
A	B	C	D	E	FX
21.81	13.58	11.93	16.05	24.28	12.35
Teacher: Dr. habil. József Zoltán Kató, DSc., PaedDr. Ladislav Végh					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PR4/15		Name: Programming 4			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 1 / 0 / 2 For the study period: 13 / 0 / 26 Methods of study: present					
Number of credits: 5					
Recommended semester/trimester of study: 4.					
Level of study: I.					
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: 109					
A	B	C	D	E	FX
18.35	18.35	21.1	19.27	17.43	5.5
Teacher: Dr. habil. József Zoltán Kató, DSc., PaedDr. Ladislav Végh					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PRP/15		Name: Programming in Perl			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 0 / 2 For the study period: 0 / 0 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 3.					
Level of study: I.					
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: 100					
A	B	C	D	E	FX
38.0	9.0	24.0	2.0	27.0	0.0
Teacher: RNDr. József Bukor, PhD.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ PSI/15		Name: Computer networks			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 0 / 2 For the study period: 26 / 0 / 26 Methods of study: present					
Number of credits: 6					
Recommended semester/trimester of study: 5.					
Level of study: I.					
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: 116					
A	B	C	D	E	FX
6.03	12.07	24.14	21.55	20.69	15.52
Teacher: prof. Dr. Imrich Okenka, PhD.					
Date of last update: 09.02.2015					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/Aldb/ PST/15	Name: Probability and Statistics
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 2 / 1 / 1 For the study period: 26 / 13 / 13 Methods of study: present	
Number of credits: 5	
Recommended semester/trimester of study: 6.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject: The course is finished by a written exam. The assessment results are calculated from interim tests (50%) and from the final written exam (50%). 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.	
Results of education: The goal is to present the basics of probability theory and statistics. The successful completion of the course gives basic knowledge from probability theory and an overview of statistical methods.	
Brief syllabus: Definition of the probability. The Kolmogorovs field of probability. Conditional probability. Bayes theorem. Independence of events. Bernoulli trials. Random variable. Probability distribution, probability density function. Characteristics of random variable. Discrete and continuous distributions. Laws of large numbers. Central limit theorem. Random sampling. Sampling methods. Theory of point estimation, basic properties of estimators. Estimation methods (maximum likelihood). Interval estimations. Confidence interval for the mean and variance. Hypothesis testing. Parametric and non-parametric tests. Correlation and regression analysis.	
Literature: 1. OBÁDOVICS, J. GY. Valószínűségszámítás és matematikai statisztika. Budapest : Scholar Kiadó. 2003, s. 302. ISBN 963-9534-00-5. 2. LUKÁCS, O. Matematikai statisztika. Budapest : Műszaki könyvkiadó. 2003, s. 570. ISBN 963-16-3036-6. 3. BUKOR, J. – ÁRKI, Z. – FEHÉR, Z. Valószínűségszámítás. Komárno : Univerzita J. Selyeho. 2010, s. 120. ISBN 978-80-89234-94-3. 4. HUNYADI, L. Statisztika. Budapest : Aula Kiadó Kft. 2001, s. 882. ISBN 963-9215-56-2.	
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
5.56	8.33	37.5	25.0	22.22	1.39
Teacher: Dr. habil. Attila Elemér Kiss, CSc., RNDr. Zoltán Fehér, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ SP1/15		Name: Programming Seminar 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: I.					
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: 184					
A	B	C	D	E	FX
35.33	19.02	11.96	8.7	22.28	2.72
Teacher: Sándor Szénási, PhD., PaedDr. Krisztina Czakóová, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ SP2/15		Name: Programming Seminar 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: I.					
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: 147					
A	B	C	D	E	FX
14.29	29.25	27.89	12.93	14.29	1.36
Teacher: Sándor Szénási, PhD., PaedDr. Ladislav Végh					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ TDA/15		Name: Tvorba dynamických aplikácií			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 1 / 0 / 2 For the study period: 13 / 0 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 4.					
Level of study: I.					
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: 60					
A	B	C	D	E	FX
11.67	16.67	46.67	21.67	3.33	0.0
Teacher: Dr. habil. József Zoltán Kató, DSc., Sándor Szénási, PhD.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ TEH/15		Name: Game Theory			
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: 5.					
Level of study: I.					
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: 164					
A	B	C	D	E	FX
26.22	12.8	17.68	20.12	16.46	6.71
Teacher: doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ TEX/15		Name: Typography Systems			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 0 / 2 For the study period: 0 / 0 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 4.					
Level of study: I.					
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: 92					
A	B	C	D	E	FX
52.17	27.17	19.57	0.0	1.09	0.0
Teacher: doc. RNDr. Ferdinánd Filip, PhD.					
Date of last update: 03.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/Aldb/ TII/15	Name: Theoretical Informatics 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: 2.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject:	
Results of education:	
Brief syllabus: Introduction to the Theory of Formal Languages and Automata, basic terms. The Chomsky hierarchy of grammars, the Chomsky hierarchy of languages. Regular languages – basic terms. Nondeterministic and deterministic finite automata. Connection between regular grammars and finite automata. Regular expressions. Pumping lemma for regular languages. Context-free languages – basic terms. Push-down automata, nondeterminism of push-down automata. Equivalence between context-free languages and push-down automata. Pumping lemma for context-free languages. Top-down parsing, bottom-up parsing.	
Literature: GUBO, Š.: Formális nyelvek és automaták. Komárno : Univerzita J. Selyeho, 2015. 131 s. ISBN 978-80-8122-148-4. DEMLOVÁ, M. – KOUBEK, V.: Algebraická teorie automatů. Praha : SNTL, 1990., 288 s. ISBN 978-80-03-00348-2. BACH, I.: Formális nyelvek. Budapest : Typotex, 2002. 227 s. ISBN 978-963-9132-92-6. FÜLÖP, Z.: Formális nyelvek és szintaktikus elemzésük. Szeged : Polygon, 1999. 124 s. ISSN 1417-0590.	
Language, knowledge of which is necessary to complete a course:	
Notes:	
Evaluation of subjects Total number of evaluated students: 201	

A	B	C	D	E	FX
3.98	6.47	10.45	21.89	20.9	36.32
Teacher: prof. Dr. Annamária Várkonyiné Kóczy, DSc., RNDr. Štefan Gubo, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/Aldb/ TI2/15	Name: Theoretical Informatics 2
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: 3.	
Level of study: I.	
Prerequisites:	
Conditions for passing the subject:	
Results of education:	
Brief syllabus: Algorithm, properties of algorithms. Correctness of algorithms, proving correctness of algorithms. Complexity of algorithms – time and space complexity. Asymptotic complexity. Algorithms for searching in sorted array. Linear and Binary search. Sorting algorithms and their complexity: Bubble Sort, Insertion Sort, Binary Insertion Sort, Selection Sort. Sorting algorithms and their complexity: Merge Sort, Quick Sort, Heap Sort. Sorting algorithms and their complexity: Counting Sort, Radix Sort, Bucket Sort. Hash tables and their use. Hash functions. Mathematical models of computers: Turing machine. Mathematical models of computers: RAM Computation Theory - recursively enumerable and recursive languages, and partial recursive and recursive functions. Church–Turing thesis. Complexity classes P and NP. NP-complete problems. The NPC class. Algorithmically unsolvable problems, the Halting problem for Turing machines.	
Literature: WIRTH, N.: Algoritmy a štruktúry údajov. Bratislava : Alfa, 1989. 488 s. ISBN 80-05-00153-3. RÓNYAI, L. – IVANYOS, G. – SZABÓ, R.: Algoritmusok. Budapest : Typotex, 2005. 350 s. ISBN 978-963-2790-14-5. CORMEN, T. H. – LEISERSON, CH. E. – RIVEST, R. L.: Algoritmusok. Budapest : Műszaki Könyvkiadó, 2003. 884 s. ISBN 978-963-1630-29-9. CORMEN, T. H. – LEISERSON, CH. E. – RIVEST, R. L. – STEIN, C.: Új algoritmusok. Budapest : Scholar Kft., 2003. 992 s. ISBN 978-963-9193-90-1.	
Language, knowledge of which is necessary to complete a course:	
Notes:	
Evaluation of subjects	

Total number of evaluated students: 136

A	B	C	D	E	FX
10.29	5.88	10.29	23.53	20.59	29.41

Teacher: prof. Dr. Annamária Várkonyiné Kóczy, DSc., RNDr. Štefan Gubo, PhD.

Date of last update: 02.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ TMA/15		Name: Tvorba multimediálnych aplikácií			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 0 / 0 / 2 For the study period: 0 / 0 / 26 Methods of study: present					
Number of credits: 3					
Recommended semester/trimester of study: 2.					
Level of study: I.					
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: 104					
A	B	C	D	E	FX
67.31	22.12	9.62	0.0	0.96	0.0
Teacher: Dr. habil. József Zoltán Kató, DSc., Sándor Szénási, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University					
Name of the faculty: Faculty of Economics					
Code: KMI/Aldb/ TWS/15		Name: Tvorba webových stránok			
Types, range and methods of educational activities: Form of study: Lecture / Seminar / Practical Recommended extent of course (in hours): Per week: 1 / 0 / 2 For the study period: 13 / 0 / 26 Methods of study: present					
Number of credits: 4					
Recommended semester/trimester of study: 3.					
Level of study: I.					
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: 206					
A	B	C	D	E	FX
33.01	29.61	22.82	12.62	0.97	0.97
Teacher: Dr. habil. András Molnár, PhD., Sándor Szénási, PhD.					
Date of last update: 02.06.2014					
Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.					

INFORMATION SHEET

Name of the university: J. Selye University	
Name of the faculty: Faculty of Economics	
Code: KMI/Aldb/ UDI/15	Name: Introduction to Informatics
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: I.	
Prerequisites:	
Conditions for passing the subject: During the semester the students complete a minimum of two written checks of percentage evaluation. During the semester is monitored also student activity on the seminars. Active students receive a bonus, which is added to the assessment of continuous training of the student during the semester. Students from any written checks must obtain at least the 50% score to be allowed to take the exam. Students from any written checks must obtain at least the 50% score to let them to be allowed to absolve the exam. A teacher, who leads seminars, prepares a percentage evaluation of students based on the results of the continuous preparation for the semester. The exam is combined and consists of written and oral part. Students must be at least 50% successful also on the exam to have been classified. Students are classified according to the average obtained in the overall assessment of continuous training during the semester and to the results of exam. For obtaining the classification A must be obtained at least 90% share of average, at least 80% for B, for C at least 70%, at least 60% for D, for E at least 50%. Credits for subject will not be assigned for the student, who is not at least 50% successful of the individual parts of exam.	
Results of education: After successful completion of this course students can use the basic principles of encoding and displaying information in the computer and easy ways of the processing. Students understand the difference between encoding and encryption, the presentation and processing of integers and real numbers and also the importance of declarations of variables in the program. Students learn as implemented, displayed and processed simple data types of the programming language. They understand how to perform the individual machine instructions, what is instruction cycle and what is the memory cycle.	
Brief syllabus: Coding of information, binary code, character encoding (ASCII code), encrypting. Positional number system, binary number system. Conversion between positional number systems, realization of basic arithmetic operations (+, -, *, /). Internal implementation of numerical information in the computer. Simple data types and their internal implementation. Display and processing of integers (fixed point). Inverse and additional code.	

Displaying and processing of real numbers (floating point presentation).
Coding of the instructions (instruction set of processor, execution of the instruction cycle, execution of the memory cycle).
View the program source code.
Translation of the program and execution of the source code (translated program).

Literature:

1. STOFFA, V. a kol.: Az informatika alapjai I. (Základy informatiky I). 1. vyd. Komárno : Univerzita J. Selyeho, 2007, s. 369. ISBN 978-80-89234-29-5.
2. STOFFA, V.: Algoritmizáció és programozás. (Algoritmizácia a programovanie). 1. vyd. Komárno : Univerzita J. Selyeho, 2005, s. 174. ISBN 80-969251-7-2.
3. STOFFOVÁ, V. a kol.: Informatika, informačné technológie a výpočtová technika. Terminologický a výkladový slovník. Nitra : FPV UKF, 2001, s. 230. ISBN 80-8050-450-4.

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

Hungarian language, Slovak language

Notes:

none

Evaluation of subjects

Total number of evaluated students: 206

A	B	C	D	E	FX
22.33	17.48	18.45	19.9	16.99	4.85

Teacher: prof. Ing. Veronika Stoffová, CSc., PaedDr. Krisztina Czakoová, PhD.

Date of last update: 02.06.2014

Approved by: Co-guaranteedoc. RNDr. János Tóth, PhD.Co-guaranteeDr. habil. József Zoltán Kató, DSc.Guaranteeprof. Dr. Annamária Várkonyiné Kóczy, DSc.