

CONTENT

1. Advanced programming in Python.....	4
2. Algorithms and data structures.....	6
3. Alternative Education.....	8
4. Anthropology of Art I.....	9
5. Anthropology of Art II.....	10
6. Automata and formal languages.....	11
7. Bachelor Project.....	13
8. Bachelor Thesis and its Defence.....	14
9. Bachelor's Thesis Defense.....	15
10. Biology of Children and Adolescents.....	16
11. Chapters from World Literature.....	17
12. Chapters from the Contemporary Slovak Literature after 1945.....	18
13. Chapters from the Contemporary Slovak Literature after 1989.....	19
14. Chapters from the Slovak Interwar Literature.....	20
15. Chapters from the Slovak Literature of Classicism and Romanticism.....	21
16. Chapters from the Theory of Literature.....	22
17. Comparative Grammar of West Slavic Languages.....	23
18. Computability theory.....	24
19. Computational and cognitive neuroscience I.....	25
20. Computer network Internet.....	27
21. Contemporary Slovak Language - Lexicology.....	29
22. Contemporary Slovak Language - Morphology.....	30
23. Contemporary Slovak Language - Stylistics.....	31
24. Contemporary Slovak Language – Syntax.....	32
25. Corpus Linguistics.....	33
26. Creativity in Writing.....	34
27. Cryptographic systems and their applications.....	35
28. Culture of Spoken Discourse.....	37
29. Database systems.....	38
30. Database systems.....	40
31. Development of the Slovak Drama.....	42
32. Drug Addiction Prevention in University Students.....	43
33. Educational software.....	45
34. English Language for Students of Slovak Studies 1.....	47
35. Essentials of Informatics.....	48
36. Final Thesis Seminar 1.....	49
37. Final Thesis Seminar 2.....	50
38. Folk Literature.....	51
39. Fundamentals of Experimental Phonetics 1.....	52
40. Fundamentals of Experimental Phonetics 2.....	53
41. Fundamentals of Slavic Studies and Old Church Slavonic.....	54
42. Fundamentals of Sociology.....	55
43. Fundamentals of Theory and Practice of Literary Translation.....	56
44. History of European Civilisation.....	57
45. History of International Relations in the 19th and 20th Century.....	58
46. History of Slovakia and Slovaks.....	59
47. Inclusive Pedagogy.....	60
48. Information and Communication Technologies.....	61

49. Information security principles.....	63
50. Interpretation of Old Church Slavonic Texts.....	64
51. Introduction to Corpus Linguistics.....	65
52. Introduction to Language Studies.....	66
53. Introduction to Literary Studies.....	67
54. Introduction to computer graphics.....	68
55. Introduction to information security.....	69
56. Introduction to neural networks.....	70
57. Introduction to study of informatics.....	72
58. Journalistic Genres in Print and Electronic Media I.....	73
59. Journalistic Genres in Print and Electronic Media II.....	74
60. Latin Language for Students of Philology.....	75
61. Literary Excursion 1.....	77
62. Literature for Children and Young Adults.....	78
63. Literature in Film and Television.....	79
64. Mathematical foundations of informatics I.....	80
65. Mathematical foundations of informatics II.....	82
66. Methods of Linguistic Analysis.....	84
67. Multiculturalism and Multicultural Education.....	85
68. Old Slovak Literature.....	86
69. Operating systems.....	87
70. Orthography and Orthoepey.....	89
71. Pedagogy.....	90
72. Pedophonetic and Logopedic Minimum.....	91
73. Phonetics.....	92
74. Phonology.....	93
75. Positive Psychology.....	94
76. Principles of computers.....	96
77. Pro-seminar to bachelor thesis.....	98
78. Programming environments in schools I.....	100
79. Programming environments in schools II.....	102
80. Programming of robotic kits.....	104
81. Programming of web-pages.....	106
82. Programming, algorithms, and complexity.....	108
83. Programming, algorithms, and complexity.....	110
84. Psychology.....	112
85. Psychology of Everyday Life.....	113
86. Resolving computer security incidents.....	115
87. Russian Language for Students of Philology 1.....	116
88. Russian Language for Students of Philology 2.....	118
89. Russian Language for Students of Philology 3.....	120
90. School Administration and Legislation.....	122
91. Seaside Aerobic Exercise.....	123
92. Selected Topics in Philosophy of Education (General Introduction).....	125
93. Seminar in Written Discourse Analysis 1.....	126
94. Seminar in Written Discourse Analysis 2.....	127
95. Semiotic Nature of Literature.....	128
96. Semiotics of Aesthetic Objects.....	129
97. Semiotics of Biblical Texts.....	130

98. Slavonic Language.....	131
99. Slovak Historical Lexicology and Etymology.....	132
100. Slovak Interwar Literature.....	133
101. Slovak Literature After 1945.....	134
102. Slovak Literature and Slovak Literature.....	135
103. Slovak Literature of Classicism and Romanticism.....	136
104. Slovak Literature of Realism and Modernism.....	137
105. Social and Political Context of Education.....	138
106. Software engineering.....	139
107. Spirituality in a Literary Text.....	140
108. Sports Activities I.....	141
109. Sports Activities II.....	143
110. Structural Indoeuropeanism Course.....	145
111. Structure formats and representation of data.....	146
112. Student Research Project 1.....	148
113. Student Research Project 2.....	149
114. Students' Digital Literacy.....	150
115. Summer Course-Rafting of TISA River.....	152
116. Survival Course.....	154
117. Symbolic logic.....	156
118. Theory of Education.....	157
119. Theory of Literature 1.....	158
120. Typographical systems.....	159

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PPPy/18	Course name: Advanced programming in Python
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 6.	
Course level: I.	
Prerequisites: ÚINF/PAZ1a/15 and leboÚINF/ePAZ1a/15 and leboÚINF/PRG1/15	
Conditions for course completion: At least 50 % of the marks in the continuous assessment A minimum of 50 % marks in the mid-term and end-of-semester practical tests or The final project - 100%	
Learning outcomes: Implement solutions to selected problems in Python using available modules. Use and implement non-trivial algorithms to solve selected problems. Use an object-oriented approach to problem solving. Program in Python in an object-oriented manner using Python specifics. Test programs. Implement parallel computing.	
Brief outline of the course: 1. Introduction to the environment, basic features of Python, simple and structured data types. 2. Input, output, function definition, lambda function, generator notation, function as parameter, string formatting. 3. Control structures, iterating over data structures, context manager. 4. Exception handling and exception raising. Philosophy of exceptions in Python. 5. Working with files. Serialization and deserialization of data - json and pickle protocol. Text and binary files. Manipulation with files. Open data. 6. Object-oriented programming 1. Design of custom classes, special methods, properties, philosophy of accessing methods and attributes. 7. Object-oriented programming 2. Comparison and differences with Java. Multiple inheritance. 8. Method overloading. Static methods, abstract classes, data class. 9. Decorators, memoization, modules, packages. 10. Code validation (debugging), testing (doctest, unittest), test-driven development. 11. Parallel computing, processes, process triggering and inter-process communication (shared variable, pipe, queue). 12. Graphical program design and implementation.	
Recommended literature: PILGRIM, Mark. Dive into Python 3. 2. United States of America: Apress, 2004. ISBN 978-1430224150. Dostupné také z: https://diveintopython3.net/	

SHIPMAN, John W. Tkinter 8.5 reference: a GUI for Python. Socorro, NM 87801: New Mexico Tech Computer Center, 2013. Dostupné také z: <https://anzeljg.github.io/rin2/book2/2405/docs/tkinter/tkinter.pdf>

LOTT, Steven F. Mastering Object-oriented Python. Birmingham B3 2PB, UK: Packt Publishing, 2014. ISBN 978-1-78328-097-1.

Course language:

Slovak language, knowledge of English language is only required to read documentation of Python.

Notes:

Course assessment

Total number of assessed students: 35

A	B	C	D	E	FX
8.57	14.29	25.71	25.71	11.43	14.29

Provides: doc. RNDr. Ľubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD.

Date of last modification: 30.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ ASU1/15	Course name: Algorithms and data structures
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites: (ÚINF/PAZ1a/15 and leboÚINF/ePAZ1a/15),(ÚINF/PAZ1b/15 and leboÚINF/ePAZ1b/15)	
Conditions for course completion: Practice activities, homeworks and midterm exam. Final examination consisting of practice and theoretical test.	
Learning outcomes: Understand and learn algorithmic paradigms and data structures. Analyse time complexity of these algorithms.	
Brief outline of the course: Algorithms' time and space asymptotic complexity. Main Theorem. Amortized complexity. Brute Force. Backtrack. Divide and Conquer. Dynamic programming. Comparison and non-comparison sort algorithms. Sweep line algorithms. Graph Theory Algorithms. Data structures – queue, stack, priority queue, heap, prefix sum, binary search trees, interval trees, union & find, trie.	
Recommended literature: 1, Laaksonen A.: Guide to Competitive Programming: Learning and Improving Algorithms Through Contests (Undergraduate Topics in Computer Science), Springer, 2017, ISBN 978-3319725468 2, Forišek M., Steinová M.: Explaining Algorithms Using Metaphors. Springer Briefs in Computer Science, Springer (2013), ISBN 978-1-4471-5018-3 3, R. Sedgewick, K. Wayne: Algorithms (4th Edition), Addison-Wesley Professional, 2011, ISBN 978-0321573513, http://algs4.cs.princeton.edu/home/ 4, Open Data Structures: http://opendatastructures.org/	
Course language: Slovak or english	
Notes: Content prerequisites: - programming skills in some programming language (Python/Java/C++/...) - mathematics: -- computing with polynomials, logarithmic and exponential functions	

-- computing limits of sequences, L'Hospital rule					
Course assessment					
Total number of assessed students: 146					
A	B	C	D	E	FX
13.01	5.48	17.12	24.66	36.99	2.74
Provides: prof. RNDr. Gabriel Semanišin, PhD., RNDr. Rastislav Krivoš-Belluš, PhD.					
Date of last modification: 25.02.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KPE/ ALP/06		Course name: Alternative Education			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 242					
A	B	C	D	E	FX
62.81	31.4	3.31	0.83	0.41	1.24
Provides: Mgr. Katarína Petříková, PhD.					
Date of last modification: 14.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ ANTUM1/15		Course name: Anthropology of Art I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 1., 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 574					
A	B	C	D	E	FX
14.63	15.33	25.09	21.6	15.85	7.49
Provides: PhDr. Lukáš Šutor, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ ANTUM2/15		Course name: Anthropology of Art II			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 2., 4., 6.					
Course level: I.					
Prerequisites: KSSFaK/ANTUM1/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 487					
A	B	C	D	E	FX
17.66	16.22	30.39	18.48	13.96	3.29
Provides: PhDr. Lukáš Šutor, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ AFJ1a/15	Course name: Automata and formal languages
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Oral examination.	
Learning outcomes: To provide theoretical background for studying computer science in general, by giving the necessary knowledge in theory of automata.	
Brief outline of the course: 1: Chomsky hierarchy of grammars: alphabet, symbol (letter, character), transitive closure, word (string), empty word (empty string), length of a string, concatenation, language, grammar, nonterminal symbol, terminal symbol, initial nonterminal (initial symbol), grammar rule, derivation step, language generated by a grammar, Chomsky hierarchy of grammars - phrase-structure, context sensitive, context free, regular 2: Deterministic finite state automata: finite state automaton, state, input symbol, output symbol, initial state, transition function, output function, examples of automata and their graphic representation, generalized transition and output functions and their basic properties 3: Reduction of automata I: equivalent automata, minimal (optimal) automaton, reachable state, properties of reachable states, elimination of unreachable states 4: Reduction of automata II: equivalent states, k-equivalent states, properties of equivalence and k-equivalence, relation between k-equivalence and (k+1)-equivalence, partitioning the state set into equivalence classes, elimination of equivalent states 5: Reduction of automata III: proof of correctness, unambiguity, and optimality of reduced automaton, testing equivalence of two automata 6: Deterministic finite state acceptors: basic definitions, language recognized by a finite state acceptor, common properties of acceptors and automata with an output, minimizing a finite state acceptor 7: Operations with regular languages: complement, intersection, union, difference, symmetric difference, testing of emptiness, inclusion, equality, and disjointness for regular languages 8: Nondeterministic finite state acceptors: definition, transition function, language recognized by a nondeterministic acceptor, elimination of nondeterminism 9: epsilon-acceptors: definition, properties, elimination of epsilon-transitions	

10: Regular grammars: regular grammar, extended regular grammar, transformation of acceptor to a regular grammar, transformation of extended regular grammar to an epsilon-acceptor 11: Regular expressions I: basic properties, transformation of regular expression to an epsilon-acceptor 12: Regular expressions II: regular equations, valid algebraic manipulations with regular expressions, solving an equation with a single unknown variable, solving a system of regular equations, transformation of acceptor to a regular expression 13: Another constructions: review of transformations among various representations, an example of a direct transformation of a grammar to a regular expression, closure of the class of regular languages under another language operations – concatenation and Kleene star, mirror image 14: Another operations: homomorphism and inverse homomorphism, a context-free language that is not regular					
Recommended literature: J.E. Hopcroft, R.Motwani, J.D. Ullman: Introduction to automata theory, languages, and computation, Addison-Wesley, 2001. J. Shallit: A second course in formal languages and automata theory, Cambridge University press, 2009. M. Sipser: Introduction to the theory of computation, Thomson Course Technology, 2006.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 850					
A	B	C	D	E	FX
25.65	18.24	23.88	17.76	9.65	4.82
Provides: Mgr. Alexander Szabari, PhD., prof. RNDr. Viliam Geffert, DrSc., RNDr. Zuzana Bednárová, PhD.					
Date of last modification: 17.08.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ BKP/14	Course name: Bachelor Project
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 5	
abs	n
100.0	0.0
Provides:	
Date of last modification:	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ BPO/14		Course name: Bachelor Thesis and its Defence			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 112					
A	B	C	D	E	FX
47.32	27.68	11.61	8.04	5.36	0.0
Provides:					
Date of last modification: 09.01.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/OZPb/15		Course name: Bachelor's Thesis Defense			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 188					
A	B	C	D	E	FX
39.36	18.62	22.87	12.23	5.32	1.6
Provides:					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚBEV/ BDD/05		Course name: Biology of Children and Adolescents			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 0 Per study period: 28 / 0 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Written test					
Learning outcomes: The aim of the subject is to gain the particular level of knowledge about human body and its development. It is necessary for the understanding of specific biological characteristics of children and adolescents linked to development.					
Brief outline of the course: Human ontogenesis. Postnatal development. Age specific features of skeletal and muscular, circulatory, respiratory, gastrointestinal and urinary systems. Reproductive system. Endocrine system. Nervous system. Age specifics of selected diseases and drug dependence arise. Human population and environment.					
Recommended literature: Drobný I., Drobná M.: Biológia dieťaťa pre špeciálnych pedagógov I. a II. Bratislava, PdF UK, 2000 Lipková V.: Somatický a fyziologický vývoj dieťaťa. Osveta Bratislava, 1980 Malá H., Klementa J.: Biológia detí a dorastu. Bratislava, SPN, 1989					
Course language:					
Notes:					
Course assessment Total number of assessed students: 1551					
A	B	C	D	E	FX
32.82	23.08	17.15	17.15	9.28	0.52
Provides: doc. RNDr. Monika Kassayová, CSc.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/KSVL/07		Course name: Chapters from World Literature			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 117					
A	B	C	D	E	FX
35.9	22.22	20.51	11.11	5.98	4.27
Provides: doc. Marián Milčák, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ KSSL45/11		Course name: Chapters from the Contemporary Slovak Literature after 1945			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 31					
A	B	C	D	E	FX
3.23	35.48	51.61	6.45	0.0	3.23
Provides: doc. Marián Milčák, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ KSSL89/15		Course name: Chapters from the Contemporary Slovak Literature after 1989			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. Marián Milčák, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/KML/07		Course name: Chapters from the Slovak Interwar Literature			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 104					
A	B	C	D	E	FX
39.42	17.31	16.35	15.38	7.69	3.85
Provides: doc. PaedDr. Ivica Hajdučková, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/KKR/07		Course name: Chapters from the Slovak Literature of Classicism and Romanticism			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 150					
A	B	C	D	E	FX
12.67	11.33	17.33	14.67	24.67	19.33
Provides: doc. Mgr. Ján Sabol, PhD., ArtD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/KTL/07		Course name: Chapters from the Theory of Literature			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 254					
A	B	C	D	E	FX
20.47	18.11	14.17	22.44	16.93	7.87
Provides: prof. PhDr. Marián Andričík, PhD., Mgr. Martina Vangorová					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/PGZJ/15		Course name: Comparative Grammar of West Slavic Languages			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 569					
A	B	C	D	E	FX
13.18	21.09	22.5	21.97	16.87	4.39
Provides: doc. PhDr. Marianna Sedláková, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ TVY/15		Course name: Computability theory			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 5.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes: To provide theoretical background for studying computer science in general, by familiarising students with basic knowledge of the theory of computability.					
Brief outline of the course: Turing machine as a formalisation of the notion of an algorithm. Partial recursive functions. Kleene's normal form theorem. The equivalences of the notion of a function calculable by a Turing machine, partial recursive and calculable by a computer program. Algorithmical undecidability of the halting problem of a Turing machine and a computer program.					
Recommended literature: 1. BRIDGES, Douglas. Computability, A Mathematical Sketch book. Springer--Verlag, 1994. ISBN:: 978-0387941745 2. BUKOVSKÝ, Lev. Teória algoritmov, ES UPJŠ, Košice, 1999. ISBN 8070973730 3. MACHTEY, Michael a Paul YOUNG. An Introduction to the General Theory of Algorithms, North--Holland, Amsterdam 1978. 4. KRAJČI, Stanislav. Teória vypočítateľnosti. http://ics.upjs.sk/~krajci/skola/vyucba/ucebneTexty/vypocitatelnost.pdf					
Course language:					
Notes:					
Course assessment Total number of assessed students: 277					
A	B	C	D	E	FX
46.93	11.91	13.0	5.78	6.14	16.25
Provides: prof. RNDr. Stanislav Krajčí, PhD.					
Date of last modification: 08.07.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ UNV1/15	Course name: Computational and cognitive neuroscience I
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 3.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Midterm exam Final exam consisting of written and/or oral part	
Learning outcomes: Overview anatomy, physiology, and cognitive processes in the human brain with focus on computational aspects of cognition and computational tools used in neuroscience.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Intro to neural and cognitive science 2. Overview of anatomy and physiology of the central nervous system (CNS) 3. Methods of study in neuroscience. Sensory, motor and associative brain areas. 4. Neuron: anatomy, types, action potential 5. Propagation of signals in the neuron, neural coding. 6. Synaptic transmission and plasticity - neural basis of learning and memory. 7. Psychology of memory and learning. 8. Vision: Intro. Perception of brightness, edges, color. Model BCS/FCS. Perception of size and sitance. 9. Hearing and auditory cognition. 10. Language, psycholinguistics, speech perception and production. 11. Attention. 12. Crossmodal interaction (vision, hearing, touch). 13. Reasoning and decision making. 	
Recommended literature: <ol style="list-style-type: none"> 1. Poeppel D., Mangun G., Gazzaniga M. (ed.): The Cognitive Neurosciences. 6th ed. MIT Press. 2020. ISBN-13: 978-0262043250 2. Dayan P and LF Abbott: Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems. MIT Press, 2005 ISBN-13: 978-0262541855 3. Thagard P: Mind: Introduction to Cognitive Science, 2nd Edition. Bradford Books. ISBN-13†: †978-0262701099 	
Course language:	

Slovak or English					
Notes: Content prerequisites: Algebra, programming (Matlab).					
Course assessment Total number of assessed students: 29					
A	B	C	D	E	FX
17.24	24.14	20.69	24.14	10.34	3.45
Provides: doc. Ing. Norbert Kopčo, PhD., Ing. Peter Lokša, PhD.					
Date of last modification: 08.07.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/PSIN/15	Course name: Computer network Internet
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 1 Per study period: 42 / 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites: ÚINF/PAZ1a/15 and leboÚINF/ePAZ1a/15 and leboÚINF/PRG1/15	
Conditions for course completion: Activity at excercises (max 18 points), home work (max 18 points), test (max 30 points). Verbal exam (min 25 points, max 50 points). Required minimum for passing the course is 55 points.	
Learning outcomes: To understand ISO OSI reference model for network communication, to analyze communication channels parameters, to understand different access methods, to be familiar with the function of center network devices (hub, switch, router), to understand IP protocol, IP addresses and the transfer of internet packets, to understand reliable data transfer of the TCP protocol, to be able to use Sockets in won application, to know basic application protocols.	
Brief outline of the course: 1. Introduction to computer networks, internet connection types, delay and loss in packet-switched networks, ISO OSI reference model and TCP/IP protocols family. 2. Application layer: Web and HTTP, protocol FTP ,e-mail and SMTP, POP3, IMAP, 3. Application layer: domain names and DNS, Peer-to-peer applications. Security in computer networks. 4. Transport layer: services, multiplexing and demultiplexing, protocol UDP, reliable data transfer 5. Transport layer: connection oriented transport protocol TCP, flow and congestion control. 6. Network Layer: Internet protocol IPv4, virtual circuit and datagram networks, packet fragmentation, routing table, application protocol DHCP 7. Network Layer: network address translation NAT, ICMP protocol, internet protocol IPv6 8. Network Layer: routing algorithms and protocols, broadcast and multicast routing 9. Link layer: error detection, multiple access methods CSMA/CD and CSMA/CA, Ethernet, frames, protocols ARP and RARP, link layer addressing 10. Link Layer and wireless and mobile networks: hub, switch, virtual LAN, 802.11 Wireless LAN, Bluetooth 802.15, WiMAX 802.16, Mobile IP, mobility in GSM 11. Physical Layer: Communication channels parameters, digital and analog encoding.	
Recommended literature: 1. J. F. Kurose, Keith W. Ross: Computer Networking: A Top-Down Approach, 7. edition, 2016 2. A. S. Tanenbaum: Computer Networks, 5. edition, Pearson, 2010 3. W. Stallings: Local and Metropolitan Area Networks, Prentice Hall, 2000	

4. E. Comer, R.E. Droms: Computer Networks and Internets, Prentice Hall, 2003					
5. W. R. Stevens: TCP/IP Illustrated, Vol.1: The Protocols, Addison-Wesley, 1994					
Course language:					
Notes:					
Course assessment					
Total number of assessed students: 791					
A	B	C	D	E	FX
9.73	5.18	12.64	16.43	36.16	19.85
Provides: doc. RNDr. Jozef Jirásek, PhD., RNDr. Peter Gurský, PhD.					
Date of last modification: 09.07.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SLEX/15		Course name: Contemporary Slovak Language - Lexicology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 552					
A	B	C	D	E	FX
8.33	11.78	20.83	23.37	24.82	10.87
Provides: PhDr. Iveta Bónová, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/MORF/15		Course name: Contemporary Slovak Language - Morphology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 816					
A	B	C	D	E	FX
3.55	11.64	20.47	21.69	20.22	22.43
Provides: PhDr. Lucia Jasinská, PhD., doc. PhDr. Marianna Sedláková, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/STYL/15		Course name: Contemporary Slovak Language - Stylistics			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 565					
A	B	C	D	E	FX
11.86	18.23	23.72	22.65	21.77	1.77
Provides: Mgr. Lena Ivančová, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SYNT/15		Course name: Contemporary Slovak Language – Syntax			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 744					
A	B	C	D	E	FX
5.24	10.35	16.94	28.09	22.31	17.07
Provides: PhDr. Lucia Jasinská, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/KL/19		Course name: Corpus Linguistics			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides:					
Date of last modification: 25.11.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/TGT/15		Course name: Creativity in Writing			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 72					
A	B	C	D	E	FX
73.61	12.5	4.17	0.0	0.0	9.72
Provides: doc. Marián Milčák, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ KRS/15	Course name: Cryptographic systems and their applications
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 2 Per study period: 42 / 28 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 3.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Homeworks, midterm written exam, active participation in laboratory exercises. Final written exam, possibly oral exam.	
Learning outcomes: This course covers the basic knowledge in understanding and using cryptography. The main focus is on definitions, theoretical foundations, and rigorous proofs of security, with some programming practice. Topics include symmetric and public key encryption, message integrity, hash functions, block cipher design and analysis, number theory, and digital signatures. The course also provides an introduction to cryptographic protocols for authentication and key management, including PKI and certificates.	
Brief outline of the course: Classical cryptography, basic information theory, cryptanalysis, security of classical ciphers. Symmetric ciphers - stream ciphers, block ciphers (DES, AES), modes of operation. Asymmetric ciphers - RSA, Elgamal, elliptic curve cryptosystems. Hash functions, message authentication codes, digital signatures. Authentication, key establishment and distribution, certificates.	
Recommended literature: 1. PAAR, Ch., PELZL, J.: Understanding Cryptography, Springer 2010. 2. STINSON, D. R., PATERSON, M. B.: Cryptography: Theory and Practice. CRC Press, 2018. 3. MAO, W. Modern Cryptography: Theory and Practice. Prentice Hall, 2003. 4. MENEZES, A., OORSCHOT, P. van, VANSTONE, S.: Handbook of Applied Cryptography. CRC Press, 1996. 5. SCHNEIER, B.: Applied Cryptography, 20th Edition, John Wiley & Sons Inc., 2015	
Course language: Slovak or English	
Notes: Content prerequisites: basic number theory and algebra, basic programming	

Course assessment					
Total number of assessed students: 112					
A	B	C	D	E	FX
12.5	9.82	13.39	13.39	33.04	17.86
Provides: RNDr. Rastislav Krivoš-Belluš, PhD.					
Date of last modification: 07.07.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/KHP/11		Course name: Culture of Spoken Discourse			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 1., 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 72					
A	B	C	D	E	FX
41.67	33.33	13.89	2.78	0.0	8.33
Provides: Mgr. Lena Ivančová, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ DBS1a/15	Course name: Database systems
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 3.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Written works during the semester, project. Written and oral exam.	
Learning outcomes: Acquired basic concepts and techniques of relational database theory and corresponding software. Know the principles of relational databases and learn the basics of query language. Understand the formal foundations of database systems - three-valued logic, relational algebra. Be able to model and design DB, and the role of data warehouses.	
Brief outline of the course: 1) Relational databases. Query language SQL, filtering. 2) Data types, operators, numerical, string and time functions. 3) JOIN operations. 4) AGGREGATION AND GROUP BY. 5) Data and database models. Relational scheme. RDB principles. Data integrity. 6) DB design, ER diagrams. 7) System commands about DB and tables. Cascading deletion and update. 8) Nested queries. ROLLUP. CASE expression. 9) Three-valued logic. Quantifiers and NOT. Set operations. 10) Data science and knowledge acquisition using R. 11) Data warehouses. Data cube. Pivot table. 12) Normalization of relational databases - 1. Relational algebra.	
Recommended literature: C.J. Date, Database Design and Relational Theory, 2012, O'Reilly Media, Inc., ISBN: 978-1-449-32801-6 J. Murach, Murach's MySQL, 3rd Edition, 2019, Mike Murach & Associates, Inc., ISBN-10: 1943872368 - R. Ramakrishnan, J. Gehrke, Database Management Systems, 2020, McGraw-Hill, ISBN13 9780071231510 - S. Krajčí: Databázové systémy, UPJŠ, 2005	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 858					
A	B	C	D	E	FX
10.61	9.21	17.95	22.84	32.52	6.88
Provides: doc. RNDr. Csaba Török, CSc., Mgr. Dávid Varga					
Date of last modification: 02.07.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ DBS1b/15	Course name: Database systems
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites: ÚINF/DBS1a/15 and leboÚINF/DBdi/15	
Conditions for course completion: Written works during the semester, project. Written and oral exam.	
Learning outcomes: Acquired advanced techniques of relational databases. Theoretical foundations of DB normalization, ETNF. Principles of NoSQL databases, MongoDB.	
Brief outline of the course: 1) Introduction to SQL Server. Set operations. Window functions. 2) Stored procedures. System and user functions. 3) Views. CTE, recursion and transitive closure. 4) Transactions. Cursors. Pivoting. 5) Triggers and integrity. Physical organization of data, B-trees and indexes. 6) XML documents and their querying. JSON. 7) Functional dependencies and NF. 8) The latest normal form - ETNF. 9) Big data and NoSQL. 10) MongoDB, CRUD and cursors. 11) Aggregations and indices. 12) Replication and sharding.	
Recommended literature: - Date C.J., Database Design and Relational Theory, O'Reilly, 2012 - I. Ben-Gan, D. Sarka, A. Machanic, K. Farlee, T-SQL Querying, 2015, Microsoft Press, ISBN: 978-0-7356-8504-8 - I. Ben-Gan, T-SQL Fundamentals, Third Edition, 2016, Microsoft Press, ISBN: 978-1-5093-0200-0 - L. Davidson, Pro SQL Server Relational Database Design and Implementation, 2021, Apress, ISBN-13: 978-1-4842-6496-6 - K. Chodorow, MongoDB: The Definitive Guide, O'Reilly, second edition, 2013	
Course language:	

Notes:

If necessary, teaching, mid-term and final evaluation will be by distance form.

Course assessment

Total number of assessed students: 732

A	B	C	D	E	FX
9.7	8.2	12.3	24.45	34.97	10.38

Provides: doc. RNDr. Csaba Török, CSc., Mgr. Dávid Varga

Date of last modification: 02.07.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/VSLD/07		Course name: Development of the Slovak Drama			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 320					
A	B	C	D	E	FX
21.56	29.69	21.56	14.37	6.56	6.25
Provides: PhDr. Lukáš Šutor, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KPPaPZ/PUDB/15	Course name: Drug Addiction Prevention in University Students
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3., 5.	
Course level: I.	
Prerequisites:	
Conditions for course completion: 1st of the evaluation: active participation in the training part (30p). 2nd part of the evaluation: active participation in workshops (20p). In total, students can get 50p and the final evaluation is as follows: 50 - 45: A; 44 - 40: B; 39-35: C; 34-30: D; 29 - 25: E 24 and less: FX. Detailed information in the electronic bulletin board of the course in AIS2. The teaching of the subject will be realized by a combined method.	
Learning outcomes: The student understands the principals of research data based prevention of risk behavior, can describe and explain the determinants of risk behavior as well as protective and risk factors for substance use. Student understands and adequately interprets the theory explaining the background of substance and non-substance addictions. The student is also able to state and classify the types and forms of prevention, strategies and approaches in prevention, can distinguish effective strategies from ineffective ones. The student is able to adequately interpret their experience with preventive activities in the group and assume their positive effect as well as limitations and threats.	
Brief outline of the course:	
Recommended literature: Orosová, O. a kol. (2012). Základy prevencie užívania drog a problematického používania internetu v školskej praxi. Košice: UPJŠ. Sloboda, Z., & Bukoski, J. (Eds.). (2006). Handbook of Drug Abuse Prevention: Theory, Science, and Practice. New York: Springer. National and international scientific journals.	
Course language: slovak	
Notes:	

Course assessment					
Total number of assessed students: 407					
A	B	C	D	E	FX
69.29	22.6	5.65	2.21	0.25	0.0
Provides: prof. PhDr. Ol'ga Orosová, CSc., Mgr. Marta Dobrowolska Kulanová, PhD., Mgr. Lucia Barbierik, PhD., Mgr. Lenka Abrinková, Mgr. Frederika Lučanská, Mgr. Viera Čurová, Mgr. Marcela Štefaňáková, PhD.					
Date of last modification: 25.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/EDS/15	Course name: Educational software
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Conditions for ongoing evaluation: 1. Creation of a worksheet for student (with custom graphics). 2. Creation of a multimedia educational presentation (with pictures, animations and sounds). 3. Creation of an interactive educational quiz (with various types of quiz items). 4. Creation of an instructional educational video. Conditions for the final evaluation: 1. Creation and presentation of final project on the use of educational software in education. Conditions for successful completion of the course: Obtaining at least 50% of points for ongoing and final assignments.	
Learning outcomes: Students will receive, resp. deepen their basic skills in working with: a) presentation software, programs for creating and editing images, animations, diagrams, sounds, conceptual maps, b) programs for the creation of didactic tests, questionnaires, surveys, c) simulation and modeling software, d) selected subject-oriented educational programs, Students present and discuss their idea of the use of educational software and educational Internet resources and tools in the selected school subject.	
Brief outline of the course: 1. Overview of educational software and educational web resources and tools. 2. Creating and processing images into teaching aids (word clouds, QR codes, diagrams, concept maps). 3. Creating raster animations. Creating and processing sounds. 4. Creation of instructional educational video. 5. Electronic voting (Polleverywhere, Plickers, Kahoot!) and questionnaire creation (Google Forms). 6. Creation of didactic tests (Google Forms, HotPotatoes). 7. Collaborative web applications (mind42, miro, whiteboard, padlet). 8. Online communication tools (BBB).	

9. Complex online learning environments (Moodle).
10. Online educational projects and competitions (eTweening, WebQuest, PALMA junior).
11. Simulations and modelling (WolframAlpha, PhET, Geogebra). Subject-focused educational programmes.
12. Creation of educational software in Scratch environment.

Recommended literature:

SOLOMON, Gwen and Lynne SCHRUM, 2014. Web 2.0 How-to for Educators. Second. International Society for Technology in Education, 314 p. ISBN 978-1564843517.

STOBAUGH, Rebecca, 2019. Fifty Strategies to Boost Cognitive Engagement: Creating a Thinking Culture in the Classroom (50 Teaching Strategies to Support Cognitive Development). Solution Tree Press, 176 p. ISBN 978-1947604773.

LEMOV, Doug, 2015. Teach Like a Champion 2.0: 62 Techniques That Put Students on the Path to College [online]. 2nd edition. John Wiley & Sons, Incorporated, 509 p. [cited 2021-7-10]. ISBN 9781118898628. Available from: <https://ebookcentral.proquest.com/lib/upjs-ebooks/detail.action?docID=1895720>

European Schoolnet: Transforming education in Europe [online]. [cited 2021-7-10]. Available from: <http://www.eun.org/home>

Science On Stage Europe [online]. Science on Stage Europe e.V. [cited 2021-7-10]. Available from: <https://www.science-on-stage.eu/>

Course language:

Slovak and partly English due to selected programs and information sources

Notes:

By default, teaching is carried out face to face. If this is not possible (eg due to a pandemic), teaching is provided at a distance through video conferencing programs and LMS.

Course assessment

Total number of assessed students: 52

A	B	C	D	E	FX
61.54	19.23	13.46	0.0	5.77	0.0

Provides: doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 01.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: CJP/FFAJSLO1/08		Course name: English Language for Students of Slovak Studies 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Active participation in class and completed home assignments. Students are allowed to miss 2 classes at the most (2x90 min.). Online teaching (50% synchronous and 50% asynchronous), in case of an improved epidemiological situation = on-site teaching. 2 tests (presumably in weeks 7 and 13) and an oral presentation in English. The presentation will be submitted to the course instructor as a video recording. The tests will be taken online in case of online teaching or in class in case of on-site classes. The final grade will be calculated as a sum of the scores obtained for the two credit tests (70%) and the presentation (30%). Assessment scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less.					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 61					
A	B	C	D	E	FX
39.34	16.39	21.31	6.56	4.92	11.48
Provides: Mgr. Zuzana Naďová					
Date of last modification: 17.02.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ BSSMI/15		Course name: Essentials of Informatics			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 1					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites: ÚINF/PSIN/15, ÚINF/PAZ1b/15, ÚINF/OSY1/15, ÚINF/AFJ1a/15, ÚINF/SLO1a/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 8					
A	B	C	D	E	FX
12.5	25.0	12.5	0.0	50.0	0.0
Provides:					
Date of last modification: 16.06.2017					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KSSFaK/SZP1/15	Course name: Final Thesis Seminar 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 5.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 64	
abs	n
98.44	1.56
Provides: prof. PhDr. Marián Andričík, PhD.	
Date of last modification: 03.05.2015	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KSSFaK/SZP2/15	Course name: Final Thesis Seminar 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 6.	
Course level: I.	
Prerequisites: KSSFaK/SZP1/15	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 60	
abs	n
98.33	1.67
Provides: prof. PhDr. Marián Andričík, PhD.	
Date of last modification: 03.05.2015	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/LUDS/07		Course name: Folk Literature			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 435					
A	B	C	D	E	FX
20.69	30.34	20.92	10.34	5.75	11.95
Provides: PhDr. Lukáš Šutor, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ZEF1/15		Course name: Fundamentals of Experimental Phonetics 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 100					
A	B	C	D	E	FX
46.0	14.0	22.0	9.0	8.0	1.0
Provides: Ing. Eva Kikťová, PhD.					
Date of last modification: 07.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ZEF2/15		Course name: Fundamentals of Experimental Phonetics 2			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites: KSSFaK/ZEF1/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 6					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: Ing. Eva Kikťová, PhD.					
Date of last modification: 07.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ZASL/15		Course name: Fundamentals of Slavic Studies and Old Church Slavonic			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 689					
A	B	C	D	E	FX
16.4	17.42	20.75	15.82	12.77	16.84
Provides: doc. PhDr. Marianna Sedláková, PhD.					
Date of last modification: 21.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ZS/15		Course name: Fundamentals of Sociology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 1., 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 233					
A	B	C	D	E	FX
18.88	23.61	23.61	20.17	10.3	3.43
Provides: Mgr. Alexander Onufrák, PhD.					
Date of last modification: 14.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ZTPP/15		Course name: Fundamentals of Theory and Practice of Literary Translation			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 139					
A	B	C	D	E	FX
16.55	43.17	33.09	6.47	0.0	0.72
Provides: prof. PhDr. Marián Andričík, PhD.					
Date of last modification: 16.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KH/SVETD/15		Course name: History of European Civilisation			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 1., 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 46					
A	B	C	D	E	FX
21.74	32.61	26.09	17.39	2.17	0.0
Provides: doc. ThDr. Peter Borza, PhD.					
Date of last modification: 26.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KH/ND/15		Course name: History of International Relations in the 19th and 20th Century			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 1., 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 151					
A	B	C	D	E	FX
50.33	17.88	13.91	8.61	7.28	1.99
Provides: prof. PaedDr. Martin Pekár, PhD., Mgr. Maroš Melichárek, PhD.					
Date of last modification: 14.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KH/ SLOVD/15		Course name: History of Slovakia and Slovaks			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 2., 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 74					
A	B	C	D	E	FX
44.59	48.65	6.76	0.0	0.0	0.0
Provides: Mgr. Henrich Hrehor, PhD.					
Date of last modification: 13.02.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KPE/ INP/17		Course name: Inclusive Pedagogy			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 42					
A	B	C	D	E	FX
83.33	16.67	0.0	0.0	0.0	0.0
Provides: PaedDr. Janka Ferencová, PhD.					
Date of last modification: 08.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ IKTP/15		Course name: Information and Communication Technologies			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: combined, present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Problems solved during the semester. A final project using presentation programs, spreadsheet programs, text processors, internet resources and search tools. The ECDL certificate (all 7 modulus) is accepted as the exam with the ranking "A-výborne".					
Learning outcomes: To achieve and extend fundamental information and communication knowledge to the level which is acceptable in the EU region.					
Brief outline of the course: Text processing using a word processor. Processing and evaluation of information using a spreadsheet. Search, retrieval and exchange of information via the Internet. Creating presentations.					
Recommended literature: 1. Franců, M: Jak zvládnout testy ECDL. Praha : Computer Press, 2007. 160 s. ISBN 978-80-251-1485-8. 2. Jančařík, A. et al.: S počítačem do Evropy – ECDL. 2. vydanie. Praha : Computer Press, 2007. 152 s. ISBN 80-251-1844-3. 3. Kolektív autorov: Sylabus ECDL verzia 5.0. [on-line] [citované 9.2.2010]. Dostupné na internete: < http://www.ecdl.sk/buxus/docs//interne_informacie/Sylabus_V5.0/20090630ECDL-SylabusV50_SK-V01_FIN.pdf >.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 1022					
A	B	C	D	E	FX
65.46	17.71	6.95	3.62	1.66	4.6
Provides: Mgr. Alexander Szabari, PhD., doc. RNDr. Ľubomír Šnajder, PhD.					

Date of last modification: 03.05.2015
Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ IBdi/15		Course name: Information security principles			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 28					
A	B	C	D	E	FX
25.0	21.43	25.0	10.71	3.57	14.29
Provides: RNDr. JUDr. Pavol Sokol, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/INSTT/07		Course name: Interpretation of Old Church Slavonic Texts			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 72					
A	B	C	D	E	FX
36.11	20.83	22.22	2.78	12.5	5.56
Provides: doc. PhDr. Marianna Sedláková, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/UKL/19		Course name: Introduction to Corpus Linguistics			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 9					
A	B	C	D	E	FX
11.11	33.33	55.56	0.0	0.0	0.0
Provides:					
Date of last modification: 25.11.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/UVJA/15		Course name: Introduction to Language Studies			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 940					
A	B	C	D	E	FX
9.79	9.79	12.02	16.06	22.02	30.32
Provides: PhDr. Lucia Jasinská, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/UVLI/15		Course name: Introduction to Literary Studies			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 878					
A	B	C	D	E	FX
9.45	9.11	14.92	22.32	19.59	24.6
Provides: doc. PaedDr. Ivica Hajdučková, PhD.					
Date of last modification: 14.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ UGR1/15		Course name: Introduction to computer graphics			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes: To provide the students with knowledge of graphics algorithms and basic principles of computer graphics.					
Brief outline of the course: Graphics hardware, input and output devices. Color models, palettes. Raster graphics algorithms for drawing 2D primitives. Filling and clipping. Curve modeling, interpolations and approximations, spline forms, Bézier curves, B-splines, surfaces. Homogenous coordinates, affine transformations, perspective and parallel projections. Visible-surface determination, illumination and shading. Rendering techniques, photorealism, textures, ray tracing, radiosity. Object representations, computer animation, virtual reality.					
Recommended literature: FOLEY, J. D., van DAM, A., FEINER, S., HUGHES, J.: Computer Graphics: Principles and Practice, Addison-Wesley, 1991 MORTENSON, M.E.: Geometric modeling, 2.ed., Willey, 1997					
Course language:					
Notes:					
Course assessment Total number of assessed students: 297					
A	B	C	D	E	FX
13.8	10.44	13.8	23.57	29.97	8.42
Provides: doc. RNDr. Jozef Jirásek, PhD., RNDr. Rastislav Krivoš-Belluš, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ UIB1/17		Course name: Introduction to information security			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 3.					
Course level: I., N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 56					
A	B	C	D	E	FX
37.5	37.5	14.29	7.14	1.79	1.79
Provides: RNDr. JUDr. Pavol Sokol, PhD.					
Date of last modification: 27.03.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ UNS1/15	Course name: Introduction to neural networks
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 3.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: The condition for passing the course is the realization of a project with the application of neural networks, successful completion of two written tests in the field of neural networks and genetic algorithms, as well as successful completion of the written and oral part of the exam.	
Learning outcomes: The result of the education is an understanding of the basic principles of neural networks and genetic algorithms. The student will gain the ability to apply the acquired knowledge in intelligent data analysis and also work with a selected tool for modeling neural networks.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Basic concept arising from biology. Linear threshold units, polynomial threshold units, functions calculable by threshold units. 2. Perceptrons. Linear separable objects, adaptation process (learning), convergence of perceptron learning rule, higher order perceptrons. 3. Forward neural networks, hidden neurons, adaptation process (learning), backpropagation method. 4. Recurrent neural networks. Hopfield neural networks, properties, associative memory model, energy function, learning, optimization problems (business traveler problem). 5. Model of gradually created network. ART network, architecture, operations, initialization phase, recognition phase, search and adaptation phase. Use of the ART network. 6. Applications of studied models in solving practical problems. 7. Written test I. 8. Motivation to model genetic elements. Genetic algorithm. Application of genetic algorithms. 9. Genetic programming, root trees, Read's linear code. Basic stochastic optimization algorithms: blind algorithm and climbing algorithm. Forbidden search method. 10. Genetic and evolutionary programming with typing, examples of use. Grammatical evolution. 11. Special techniques of evolutionary computations. Selection mechanisms in evolutionary algorithms. 12. Use of genetic algorithms in training neural networks. Artificial life. 13. Written test II. 	
Recommended literature:	

1. AGGARWAL, Charu C. Neural networks and deep learning: a textbook. Cham: Springer, 2018. ISBN 978-3319944623. 2. KVASNIČKA, Vladimír. Úvod do teórie neurónových sietí. [Slovenská republika]: IRIS, 1997. ISBN 80-88778-30-1. 3. KVASNIČKA, Vladimír. Evolučné algoritmy. Bratislava: Vydavateľstvo STU, 2000. Edícia vysokoškolských učebníc. ISBN 80-227-1377-5. 4. MITCHEL, Melanie. An Introduction to Genetic Algorithms. Cambridge: MIT Press, 2002. ISBN 0-262-63185-7. 5. SINČÁK, Peter, ANDREJKOVÁ, G. Úvod do neurónových sietí, I. diel, Košice: ELFA, 1996. ISBN 808878638X					
Course language: Slovak or English					
Notes: Content prerequisites: Basics of programming in Python, or another alternative programming language suitable for data analysis					
Course assessment Total number of assessed students: 439					
A	B	C	D	E	FX
14.12	17.08	22.55	19.13	22.78	4.33
Provides: RNDr. Ľubomír Antoni, PhD., RNDr. Šimon Horvát					
Date of last modification: 26.08.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ UIN1/15		Course name: Introduction to study of informatics			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 284					
A	B	C	D	E	FX
43.31	17.25	13.38	8.45	3.17	14.44
Provides: prof. RNDr. Stanislav Krajčí, PhD., doc. RNDr. Ondrej Krídlo, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ ZZvPaEM1/15		Course name: Journalistic Genres in Print and Electronic Media I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 2., 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 530					
A	B	C	D	E	FX
20.19	14.15	21.51	17.74	18.87	7.55
Provides: PhDr. Marián Gladiš, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ ZZvPaEM2/15		Course name: Journalistic Genres in Print and Electronic Media II			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 1., 3., 5.					
Course level: I.					
Prerequisites: KSSFaK/ZZvPaEM1/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 410					
A	B	C	D	E	FX
28.05	30.24	19.76	12.68	8.78	0.49
Provides: Mgr. Peter Getlík, PhD.					
Date of last modification: 27.04.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KKF/ LATm/07	Course name: Latin Language for Students of Philology
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Written test at the end of semester, required minimum is 50%. Part of the exercise can take place in a distance form. In the case of the distance form of teaching, in addition to the final test, the condition for passing the course is also the regular and timely submission of the assignments.	
Learning outcomes: Development of linguistic skills (comparative study of grammatical phenomena of analytic and synthetic type of language). Reading and comprehension of simple Latin texts, sentence analysis, understanding of interlingual relations between Latin and English language - similarities and differences.	
Brief outline of the course: Pronunciation of the Latin language, basic Latin grammar terminology applicable also to study of other languages. - Declension of nouns: Latin nouns, adjectives and pronouns -Declension and comparison – comparing with English / German declension - Declension of verbs: Latin verbs, conjugation, basic tenses – present indicative, imperfect indicative,- verb "esse"	
Recommended literature: Balegová, Jana: Lingua Latina - cursus communis. Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2019. [elektronický zdroj]; Balegová, Jana – Katreničová, Anabela: Lingua Latina - cvičebnica pre filológov. Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2019. [elektronický zdroj]; Špaňár, J., Horecký, J.: Latinská gramatika. Bratislava 1993; Additional literature: Barandovská-Frank, V.: Latina jako mezinárodní jazyk. Praha 1995	
Course language:	
Notes:	

Course assessment					
Total number of assessed students: 18					
A	B	C	D	E	FX
0.0	11.11	16.67	22.22	22.22	27.78
Provides: doc. PhDr. František Šimon, CSc., doc. Mgr. Jana Balegová, PhD., Mgr. Mgr. Anabela Katreničová, Ph.D.					
Date of last modification: 06.02.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ EXKUbm/12		Course name: Literary Excursion 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 3d Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 204					
A	B	C	D	E	FX
79.41	9.31	0.98	0.0	0.0	10.29
Provides:					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/LDM/07		Course name: Literature for Children and Young Adults			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 350					
A	B	C	D	E	FX
44.29	24.86	19.14	7.43	2.0	2.29
Provides: doc. Mgr. Markéta Andričíková, PhD.					
Date of last modification: 04.02.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/LFT/07		Course name: Literature in Film and Television			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 284					
A	B	C	D	E	FX
22.18	36.27	31.34	8.8	1.41	0.0
Provides: doc. Mgr. Ján Sabol, PhD., ArtD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚMV/ MZIa/10	Course name: Mathematical foundations of informatics I
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Two tests and completion of individual homework. Assessment is given on the basis of semestral evaluation and examination test.	
Learning outcomes: To obtain basic mathematical knowledge in arithmetic, linear algebra and elementary calculus. To become familiar with the applications of some fundamental mathematical concepts. To learn to work with mathematical software and together with the acquired knowledge to use it in solving various types of problems.	
Brief outline of the course: Integers and divisibility. Prime numbers and congruences. Applications of congruences and congruence classes. Matrices and determinants. Applications of matrices and determinants. Functions and their properties. Elementary functions. Limit of a function. Continuity and derivative of a function. Applications of derivatives.	
Recommended literature: Hallet D. H. (2014). Applied Calculus. John Wiley & Sons. Koshy T. (2007). Elementary Number Theory with Applications. Elsevier. Lay D. C. (2012). Linear Algebra And Its Applications. Boston: Addison-Wesley. Studenovská D., Madaras T. (2006). Matematika pre nematematické odbory. UPJŠ. Studenovská D., Madaras T., Mockovciak S. (2006). Zbierka úloh z matematiky pre nematematické odbory. UPJŠ. Zimmermann P. et al. (2018). Computational Mathematics with SageMath. Springer.	
Course language: Slovak	
Notes:	

Course assessment					
Total number of assessed students: 197					
A	B	C	D	E	FX
0.51	9.64	9.64	19.29	47.72	13.2
Provides: RNDr. Andrej Gajdoš, PhD.					
Date of last modification: 19.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚMV/MZIb/10		Course name: Mathematical foundations of informatics II			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 6					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites: ÚMV/MZIa/10					
Conditions for course completion: Based on results of two tests and individual homeworks. Based on semestral evaluation and examination test.					
Learning outcomes: To extend the obtained knowledge in mathematics by topics in integral calculus, differential equations and infinite series.					
Brief outline of the course: Indefinite and definite integral and their applications. Differential equations. Series, convergence criteria. Series of functions, Taylor expansion. Periodic functions, trigonometric series, Fourier expansion.					
Recommended literature: Huťka, Benko, Ďurikovič: Matematika, Alfa, Bratislava 1991 D. Studenovská, T. Madaras, S. Mockovčiak: Zbierka úloh z matematiky pre nematematické odbory, UPJŠ 2006 D. Studenovská, T. Madaras: Matematika pre nematematické odbory, UPJŠ 2006 J. Ivan: Matematika 2, Alfa, Bratislava 1989 T. Katriňák a kol.: Algebra a teoretická aritmetika, Alfa, Bratislava 1986					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 123					
A	B	C	D	E	FX
2.44	9.76	8.94	22.76	49.59	6.5
Provides: RNDr. Andrej Gajdoš, PhD.					
Date of last modification: 03.05.2015					

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/MLA/15		Course name: Methods of Linguistic Analysis			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 28					
A	B	C	D	E	FX
42.86	28.57	17.86	10.71	0.0	0.0
Provides: doc. PhDr. Marianna Sedláková, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KPE/MMKV/17		Course name: Multiculturalism and Multicultural Education			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 119					
A	B	C	D	E	FX
43.7	37.82	16.81	0.84	0.84	0.0
Provides: PaedDr. Michal Novocký, PhD.					
Date of last modification: 08.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SSL/15		Course name: Old Slovak Literature			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 484					
A	B	C	D	E	FX
5.17	11.98	21.49	17.36	24.59	19.42
Provides: PhDr. Lukáš Šutor, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/OSY1/15	Course name: Operating systems
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 3.	
Course level: I.	
Prerequisites: ÚINF/PRP2/15,(ÚINF/PAZ1a/15 and leboÚINF/ePAZ1a/15 and leboÚINF/PRG1/15)	
Conditions for course completion: Test and oral exam	
Learning outcomes: To gain knowledge about the basic architecture of the operating system. Understand algorithms for multi-process CPU allocation, interprocess communication, and memory allocation. To be able to apply basic synchronization procedures and to solve problems of allocation of common resources for I / O operations. Understand the organization of files and their protection by access rights. To be able to practically use the services of the Unix and Windows operating system.	
Brief outline of the course: Operating system structure and basic functions. Different kinds of operating systems and their history. Multiprogramming, context switching, interrupts, time sharing, interoperability. Processes, process management, threads, scheduling, interprocess communication (race condition, mutual exclusion, deadlock, starvation). Memory management, relocation, segmentation, paging, virtual memory. I/O management, device drivers, interrupt handlers. External memory (disk) - direct and sequential access. File systems, file operations, directories, access control, access rights.	
Recommended literature: 1. A. Silberschatz, G. Gagne, P. Baer: Operating System Concepts, Wiley, 2002 2. A. S. Tanenbaum: Modern Operating Systems, Prentice-Hall, 2001	
Course language:	
Notes:	

Course assessment					
Total number of assessed students: 304					
A	B	C	D	E	FX
22.37	21.71	19.08	25.0	10.53	1.32
Provides: RNDr. PhDr. Peter Pisarčík					
Date of last modification: 14.01.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ORT/07		Course name: Orthography and Orthoepy			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 855					
A	B	C	D	E	FX
7.37	8.77	11.93	13.45	27.6	30.88
Provides: Mgr. Lena Ivančová, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KPE/ Pg/15		Course name: Pedagogy			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 639					
A	B	C	D	E	FX
20.03	27.07	25.98	15.65	10.49	0.78
Provides: PaedDr. Michal Novocký, PhD.					
Date of last modification: 08.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/PLM/07		Course name: Pedophonetic and Logopedic Minimum			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 131					
A	B	C	D	E	FX
26.72	28.24	14.5	15.27	8.4	6.87
Provides: PhDr. Iveta Bónová, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/FONT/15		Course name: Phonetics			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 255					
A	B	C	D	E	FX
5.1	12.16	23.53	25.1	18.04	16.08
Provides: PhDr. Iveta Bónová, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/FONF/15		Course name: Phonology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 521					
A	B	C	D	E	FX
6.53	13.63	19.77	22.46	21.5	16.12
Provides: PhDr. Iveta Bónová, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KPPaPZ/PP/15	Course name: Positive Psychology
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4., 6.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Assessment is based on interim evaluation. The subject will be taught in both present and distance format. Up-to-date information concerning the subject for the given academic year can be found on the electronic board of the subject in the Academic information system of the UPJŠ.	
Learning outcomes: The aim of the course is to learn about the basic theory and current research, as well as the possibility of application of Positive Psychology as a new and rapidly developing field of psychology. The aim of the subject is mainly to develop and apply critical thinking to the challenges and issues that Positive Psychology brings and raises in the context of the individual in contemporary society. Emphasis is placed on the ability to independently and critically process current topics of positive psychology.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Different perspectives on well-being and happiness in psychology 2. Main theoretical approaches to positive psychology 3. Positive emotions and positivity 4. Meaningfulness 5. Positive interpersonal relations 6. Post-traumatic growth 7. Hope and optimism 8. Gratitude 9. Spirituality as a personality dimension 10. Wisdom 11. Positive institutions 12. New themes and topics in PP 	
Recommended literature: Brewer, M. B., Hwestone, M: Emotion and Motivation, Blackwell, 2004 Deci, E., Ryan R. M., Handbook of Self – Determination Research, Rochester, 2002 Křivohlavý, J.: Pozitivní psychologie. Praha, Portál, 2003 Křivohlavý, J.: Psychologie vděčnosti a nevďčnosti. Praha, Grada, 2007 Křivohlavý, J.: Psychologie moudrosti a dobrého života, Praha, Grada, 2012	

Křivohlavý, J.: Psychologie pocitu štěstí, Grada, 2013 McAdams, D. P., The Person, New York, 2002 Seligman, M. E. P., & Csikszentmihalyi, M. (Eds.). (2000). Positive psychology [Special issue] American Psychologist, 55(1). Říčan, P.: Psychologie náboženství a spirituality, Praha, Portál, 2007 Slezáčková, A.: Průvodce pozitivní psychologií, Praha, Grada, 2012					
Course language:					
Notes:					
Course assessment Total number of assessed students: 280					
A	B	C	D	E	FX
98.21	1.07	0.36	0.0	0.36	0.0
Provides: Mgr. Jozef Benka, PhD. et PhD.					
Date of last modification: 25.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PRP2/15	Course name: Principles of computers
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 2.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes: <ul style="list-style-type: none"> - Know brief history of computer, classification and construction principles of computers of von Neumann type. - Understand relation between real numbers, integers and their binary representation as well as be able to perform basic arithmetic and logic operations over binary represented numbers. - Learn basics about logic gates, combination and sequence circuits and their structure. Understand principles of how basic circuits realize arithmetic-logic unit and other parts of computers e.g. memory. - Know principles of communication of processor and other devices via interruptions and direct memory access. - Get idea of device drivers, device controllers and their functionality. 	
Brief outline of the course: Brief outline of the course: <ul style="list-style-type: none"> - computers of von Neumann type, - history of computers, - binary encoding of real numbers and integers, - realization of computers parts by sequence and combination circuits, - principles of various memory cells and memory matrices, - types of memories, - architecture of processor on levels of digital logic, machine cycle, instruction cycle, - input and output devices, - principles of interruptions, - direct memory access, - device drivers, - device controllers, - peripheral devices. 	
Recommended literature: 1. STALLINGS, William. Computer Organization and Architecture. Prentice Hall, 2002. ISBN 978-0-13-410161-3.	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 242					
A	B	C	D	E	FX
26.03	15.7	16.53	13.22	23.14	5.37
Provides: RNDr. Juraj Šebej, PhD.					
Date of last modification: 09.07.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PBS/15	Course name: Pro-seminar to bachelor thesis
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Creating a website about a bachelor's thesis. Selection of bachelor thesis topic. Presentation of the bachelor's thesis assignment and its objectives. Preparation of an essay in the extent of 1 page on the motivation to select a bachelor's thesis. Creation of the bachelor's thesis assignment and its insertion into the AIS by the thesis supervisor.	
Learning outcomes: Basic knowledge of the principles of creation and structure of bachelor's theses. Criteria and requirements for selecting an appropriate bachelor thesis topic. Knowledge about the structure of the bachelor's thesis assignment.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Principles in creating a final thesis. 2. The presentations of bachelor thesis topics by potential supervisors. 3. The presentations of bachelor thesis topics by potential supervisors. 4. The presentations of bachelor thesis topics by potential supervisors. 5. Bachelor thesis and its objectives. 6. Assignment of bachelor thesis. 7. Basic types of bachelor theses. 8. Structure of different types of bachelor theses. 9. Requirements for final bachelor theses. 10. External company final theses. 11. Presentation of selected topics of final theses. 12. Presentation of selected topics of final theses. 13. Presentation of selected topics of final theses. 	
Recommended literature: <ol style="list-style-type: none"> 1. STN 01 6910. Rules of writing and editing documents. 2011. 2. STN ISO 2145. Documentation. Numbering of sections and subsections of written documents. 1997. 3. STN ISO 690. Information and documentation. Instructions for creating bibliographic references to information sources and their citation. 2012 4. KATUŠČÁK, Daniel. How to write final and qualification theses. Enigma, 2013 	

5. Scientific literature related to the topic of the final thesis according to the recommendation of the thesis supervisor.	
Course language: Slovak or English	
Notes:	
Course assessment Total number of assessed students: 307	
abs	n
94.14	5.86
Provides: RNDr. Ľubomír Antoni, PhD.	
Date of last modification: 26.08.2021	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/SPP1a/15	Course name: Programming environments in schools I
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 3.	
Course level: I.	
Prerequisites: ÚINF/PAZ1a/15	
Conditions for course completion: At least 50 % of the marks in the intermediate assessment A minimum of 50 % marks in the mid-term and end-of-semester practical tests	
Learning outcomes: Ability to implement more complex algorithms in the Python programming language. Ability to design and program educational software in the Python programming language. Formulate and solve school computer science problems.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Introduction to Python, basic features of Python, syntax. 2. Simple data types (number, logical type), structured types (string, list, dictionary, set, tuple). 3. Control structures (loops, conditional statements, exception management). 4. Function definition (parameters, return value), function documentation. 5. Import and creation of modules. 6. Error types and error condition handling. Exception handling and raising. 7. Saving data to a file and reading data from a file. Data serializing. Open data and its analysis. 8. Testing the correctness of algorithms (doctest, unittest), test data. 9. Object-oriented programming. Design and implementation of custom classes. 10. Creation of graphical interface of programs. 11. Design criteria, design and programming of educational software. 12. Solving more complex algorithmic problems from real life or school practice using the object-oriented approach and the resources of the Python programming language. 	
Recommended literature: PILGRIM, Mark. Ponořme se do Python(u) 3: Dive into Python 3. 1. Praha: CZ.NIC, c2010, 430 s. CZ.NIC. ISBN 978-80-904248-2-1. Dostupné také z: http://knihy.nic.cz/files/nic/edice/mark_pilgrim_dip3_ver3.pdf SHIPMAN, John W. Tkinter 8.5 reference: a GUI for Python. Socorro, NM 87801: New Mexico Tech Computer Center, 2013. Dostupné také z: https://anzeljg.github.io/rin2/book2/2405/docs/tkinter/tkinter.pdf	

<p>GUNIŠ, Ján, Viera MICHALIČKOVÁ, Martin CÁPAY a Ľubomír ŠNAJDER. Riešenie problémov a programovanie. Bratislava: Centrum vedecko-technických informácií SR, 2020. ISBN 978-80-89965-62-5.</p> <p>HETLAND, Magnus Lie. Beginning Python: from novice to professional. New York: Distributed to the book trade worldwide by Springer-Verlag, c2005. ISBN 1-59059-519-X.</p> <p>KRNÁČ, Jozef, Miloslava SUDOLSKÁ a Ľudovít TRAJTEL. Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Učiteľ s kompetenciami programátora. Bratislava: Štátny pedagogický ústav Bratislava, 2010. ISBN 978-80-8118-083-5.</p>					
<p>Course language: Slovak language, knowledge of English is only required to read Python documentation.</p>					
<p>Notes:</p>					
<p>Course assessment Total number of assessed students: 23</p>					
A	B	C	D	E	FX
8.7	21.74	43.48	8.7	13.04	4.35
<p>Provides: doc. RNDr. Ľubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD.</p>					
<p>Date of last modification: 31.08.2021</p>					
<p>Approved:</p>					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/SPP1b/15	Course name: Programming environments in schools II
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 6.	
Course level: I.	
Prerequisites: ÚINF/SPP1a/15	
Conditions for course completion: Conditions for ongoing evaluation: <ol style="list-style-type: none"> 1. Educational software or game programmed in the Scratch environment, 2. A programming etude created for learning of programming in the MIT App Inventor environment. 3. Educational or assistive software programmed in the MIT App Inventor environment. 4. A programmed project using the BBC micro: bit kit. Conditions for successful completion of the course: Obtaining at least 50% of points for ongoing assignments.	
Learning outcomes: After completing this course, students are able to: <ol style="list-style-type: none"> a) get an overview of educational programming environments, b) acquire programming skills in selected educational programming environments, c) develop the ability to design and program educational software for devices using their sensors and actuators. 	
Brief outline of the course: <ol style="list-style-type: none"> 1. Teaching algorithmization and programming in primary and secondary school - objectives, content, textbooks and methodological materials. Algorithmic computer games. 2. Programming in the Scratch environment. 3. Programming in the Scratch environment. 4. Programming in the Scratch environment. 5. Programming of mobile devices in the MIT App Inventor environment. 6. Programming of mobile devices in the MIT App Inventor environment. 7. Programming of mobile devices in the MIT App Inventor environment. 8. Programming of mobile devices in the MIT App Inventor environment. 9. Programming of mobile devices in the MIT App Inventor environment. 10. Programming BBC micro: bit kits in MS MakeCode environment. 11. Programming BBC micro: bit kits in MS MakeCode environment. 12. Overview of educational programming initiatives and development environments. 	
Recommended literature:	

BELL, Charles A., 2017. Micropython for the internet of things: a beginner's guide to programming with Python on microcontrollers. New York, NY: Springer Science+Business Media. ISBN 9781484231227.

GUTSCHANK, Jörg et al., 2019. Coding in STEM Education [online]. Berlin: Science on Stage Deutschland e.V., 76 p. [cited 2021-7-10]. ISBN 978-3-942524-58-2. Available from: https://www.science-on-stage.eu/sites/default/files/material/coding_in_stem_education_en_2nd_edition.pdf

ŠNAJDER, Ľubomír, Gabriela LOVÁSZOVÁ, Viera MICHALIČKOVÁ and Ján GUNIŠ, 2020. Programovanie mobilných zariadení [online]. Bratislava: Centrum vedecko-technických informácií SR, 300 p. [cited 2020-11-30]. ISBN 978-80-89965-63-2. Available from: <https://registracia.itakademia.sk/media/themes/nip-pmz.pdf>

WOLBER, David, 2014. App Inventor: Vytvořte si vlastní aplikaci pro Android. Brno: Computer Press. ISBN 978-80-251-4195-3.

LOVÁSZOVÁ, Gabriela, Jana GALBAVÁ, Viera PALMÁROVÁ and Monika TOMCSÁNYIOVÁ, 2010. Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Malé programovacie jazyky. Bratislava: Štátny pedagogický ústav. ISBN 978-80-8118-066-8.

CODE.ORG. Learn today, build a brighter tomorrow.

Code.org [online]. [cited 2021-7-13]. Available from: <https://code.org/>

THE LIFELONG KINDERGARTEN GROUP AT MIT MEDIA LAB. Scratch - Imagine, Program, Share [online]. [cited 2021-7-13]. Available from: <https://scratch.mit.edu/>

MASSACHUSETTS INSTITUTE OF TECHNOLOGY. MIT App Inventor Explore MIT App Inventor [online]. [cited 2021-7-13]. Available from: <http://appinventor.mit.edu/>

MICRO:BIT EDUCATIONAL FOUNDATION. BBC micro:bit [online]. [cited 2021-7-13]. Available from: <https://microbit.org/>

SPY O.Z. Učíme s Hardvérom [online]. [cited 2021-7-13]. Available from: <https://www.ucimeshardverom.sk/>

Course language:

Slovak or English

Notes:

By default, teaching is carried out face to face. If this is not possible (eg due to a pandemic), teaching is provided at a distance through video conferencing programs and LMS.

Course assessment

Total number of assessed students: 17

A	B	C	D	E	FX
23.53	23.53	11.76	23.53	5.88	11.76

Provides: doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 01.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PRS/15	Course name: Programming of robotic kits
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 3 Per study period: 42 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 3.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Assessment of individual work on computers for a number of sub-assignments - robotic mini-project. Creating and presenting a programmed robotic model including documentation.	
Learning outcomes: 1. To acquire an overview of robotic sets and robotic programming environments. 2. To acquire skills in constructing and programming robots in selected robotic programming environments.	
Brief outline of the course: Robotic set (Lego Mindstorms) - components, engines, sensors, basics of constructing of the mechanical parts of the model. Programming robotic models in languages NXT-G and NXC - branching statements, loops, blocks, events, parallel processes that work with sensors, datalogging, communication between several NXT bricks. Creating mini-project (eg, traffic lights, parking, dance creations, guitar, smart thermometer, measuring distance). Robotic competition, ideas for demanding projects. Creation and presentation of the final project - a programmed robot model (eg, navigate a maze, sports, paramedic) including documentation.	
Recommended literature: 1. BUMGARDNER, J. (2007) The Origins of Mindstorms. Wired, 2007. http://www.wired.com/geekdad/2007/03/the_origins_of_/ 2. Carnegie Mellon. Robotics Academy. http://www.education.rec.ri.cmu.edu/ 3. KABÁTOVÁ, M. a kol. (2010) Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Didaktika robotických stavebníc. Bratislava : ŠPÚ, 2010. ISBN 978-80-8118-070-5 4. JAKEŠ, T. (2014) LEGO MINDSTORMS NXT - Robotické vzdelávaní, ZČU v Plzni, 2014. https://lego.zcu.cz/web/	
Course language:	
Notes:	

Course assessment					
Total number of assessed students: 49					
A	B	C	D	E	FX
53.06	22.45	12.24	2.04	0.0	10.2
Provides: RNDr. Zuzana Bednárová, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/PSW1/06	Course name: Programming of web-pages
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites: (ÚINF/DBS1a/15 and leboÚINF/DBS/15),ÚINF/PAZ1a/15	
Conditions for course completion: 50% of the marks from continuous assignments	
Learning outcomes: An overview of modern technologies for creating dynamic websites. Describing and applying the basic principles of creating dynamic web pages. Utilize client-side (JavaScript) and server-side (PHP) web programming technologies. Using relational databases (MySQL) to create application web pages. Know the security risks of dynamic websites and be able to eliminate them.	
Brief outline of the course: <ol style="list-style-type: none"> 1. JavaScript - introduction to JavaScript programming. 2. JavaScript - communication with the user, validation of data in forms using JavaScript. 3. JavaScript - introduction to using the jQuery library. 4. PHP - introduction to PHP programming. 5. PHP - data and control structures of the PHP language. 6. PHP - communication with the user, validation of data in forms using PHP. 7. PHP - object oriented problem solving in PHP language. File manipulation. 8. PHP - User authentication (cookies, session). 9. MySQL - introduction to working with MySQL database system. 10. MySQL - Simple applications using the database for data storage and access. 11. Web application security - an introduction to web application security. 12. Web application security - the most common web application security problems and how to eliminate them. 	
Recommended literature: BLUM, Richard. PHP, MySQL& JavaScript: All-in-One. Hoboken, New Jersey: John Wiley, 2018. ISBN 978-1-119-46838-7. KROMANN, Frank M. Beginning PHP and MySQL: From Novice to Professional. 5. CA, USA: Apress, 2018. ISBN 978-1-4302-6043-1. HUSEBY, Sverre H. Zraniteľný kód. Brno: Computer Press, 2006, 207 s. ISBN 80-251-1180-6. SNYDER, Chris, Thomas MYER a Michael SOUTHWELL. Pro PHP Security: From Application Security Principles to the Implementation of XSS Defenses. 2. United States of America: Apress, 2010. ISBN 978-1-4302-3318-3.	

Course language: Slovak language, knowledge of English language is only necessary for reading documentation.			
Notes: Content prerequisite: WBdi/15 Web and user interface design			
Course assessment Total number of assessed students: 23			
abs	n	neabs	z
65.22	34.78	0.0	0.0
Provides: PaedDr. Ján Guniš, PhD.			
Date of last modification: 31.08.2021			
Approved:			

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PAZ1a/15	Course name: Programming, algorithms, and complexity
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 4 Per study period: 42 / 56 Course method: present	
Number of ECTS credits: 8	
Recommended semester/trimester of the course: 1.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Graded activities during semester: assignments, small exams, midterm, final project. Final examination: practical finalterm focused on a complex task. Rules to pass the subject: Pass the minimal limit of points for category of homeworks (assignments, final project) and tests (small exams, midterm). Get at least 42% from the finalterm and pass the defined limit of total points for all graded activities.	
Learning outcomes: Get an ability to implement basic Java programs and obtain essential knowledge related to object-oriented programming.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Introduction to Java and JPAZ2 framework, first Eclipse project, interactive communication with objects using turtle graphics, repeating code in loops, notion of class, object, and method. 2. For-loops, local variables, variable types, arithmetic expressions, random numbers, random walk, conditions. 3. While-loop, returning a value from a method, reference and reference variables, debugging. 4. Primitive and reference types, chars, String objects (including basic algorithms), mouse events, instance variables. 5. Array of primitive values and array of references, simple array algorithms. 6. Advanced array algorithms, two-dimensional array. 7. Exceptions and exception handling, files and directories, writing to text files. 8. Reading from text files. 9. Creating classes, encapsulation, getters and setters, constructors and their hierarchy, method overloading. 10. Inheritance and polymorphism. 11. Java Collections Framework, ArrayList class, wrapper classes for primitive types and autoboxing, interfaces List, Set, Map and their implementations, methods equals and hashCode. 12. Access modifiers, abstract classes and methods, creating and implementing interfaces, sorting, static methods and variables. 13. Creating and throwing exceptions, checked and runtime exceptions, JavaDoc, Maven. 	
Recommended literature:	

1. ECKEL, Bruce. Thinking in Java. Fourth edition. Upper Saddle River, NJ: Prentice Hall, c[2006]. ISBN 978-01-318-7248-6.
2. PECINOVSKÝ, Rudolf. OOP: naučte se myslet a programovat objektově. Brno: Computer Press, 2010. ISBN 978-80-251-2126-9.
3. SIERRA, Kathy a Bert BATES. Head first Java. Vyd. 2. Sebastopol: O'Reilly, 2005. ISBN 978-05-960-0920-5.

Course language:

Slovak language, english language is required only to read Java API documentation.

Notes:

Course assessment

Total number of assessed students: 717

A	B	C	D	E	FX
16.18	7.39	11.44	15.48	15.06	34.45

Provides: RNDr. Juraj Šebej, PhD., RNDr. Zuzana Bednárová, PhD., RNDr. Miroslav Opiela, PhD., Mgr. Antónia Matisová, Mgr. Zoltán Szoplák

Date of last modification: 31.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PAZ1b/15	Course name: Programming, algorithms, and complexity
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 4 Per study period: 28 / 56 Course method: present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 2.	
Course level: I., II.	
Prerequisites: ÚINF/PAZ1a/15	
Conditions for course completion: Graded activities during semester: assignments, small theoretical exams, practical and theoretical midterm. Final examination: practical and theoretical finalterm. Rules to pass the subject: Get at least 50% from theoretical activities (small exams, theoretical midterm and theoretical finalterm) and from practical activities (practical midterm and finalterm). Pass the defined limit of total points for all graded activities.	
Learning outcomes: To know essential algorithms, data structures, and methods used for efficient algorithms design. To understand time complexity analysis. To practice efficient implementation of algorithms. To recognize combinatorial and graph algorithms.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Recursion and fractals. 2. Binary search, basic sorting algorithms, time complexity analysis, O-notation. 3. Basic data structures and algorithms: linked list, stack, queue. 4. Trees and their applications. 5. Efficient sorting algorithms (QuickSort, MergeSort, HeapSort). 6. Backtracking. 7. Dynamic programming, divide and conquer strategy. 8. Unweighted graphs, graph traversal, graph topological sort. 9. Weighted graphs, the shortest path algorithms. 10. Minimum spanning tree, greedy algorithms. 11. Hashing, amortized time complexity, string-searching algorithms. 	
Recommended literature: <ol style="list-style-type: none"> 1. WRÓBLEWSKI, Piotr. Algoritmy: datové struktury a programovací techniky. Brno: Computer Press, 2004. ISBN 80-251-0343-9. 2. CORMEN, Thomas H. Introduction to algorithms. 3rd ed. Cambridge: MIT Press, c2009. ISBN 978-0-262-03384-8. 3. KLEINBERG, Jon a Éva TARDOS. Algorithm design. Thirteenth impression. Noida, India: Pearson, c2014. ISBN 9789332518643. 	

4. MAREŠ, Martin a Tomáš VALLA. Průvodce labyrintem algoritmů. Praha: CZ.NIC, z.s.p.o., 2017. CZ.NIC. ISBN 978-80-88168-19-5.

Course language:

Slovak language, literature is available in english and czech language.

Notes:

Course assessment

Total number of assessed students: 1222

A	B	C	D	E	FX
13.75	7.53	9.9	19.31	21.52	27.99

Provides: RNDr. Zuzana Bednárová, PhD., RNDr. Juraj Šebej, PhD., RNDr. Miroslav Opiela, PhD., Mgr. Antónia Matisová, Mgr. Gabriela Vozáriková

Date of last modification: 31.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KPPaPZ/Ps/15		Course name: Psychology			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 517					
A	B	C	D	E	FX
22.82	16.05	21.66	18.57	17.99	2.9
Provides: PhDr. Anna Janovská, PhD., Mgr. Ondrej Kalina, PhD.					
Date of last modification: 28.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KPPaPZ/PKŽ/15	Course name: Psychology of Everyday Life
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: I.	
Prerequisites:	
Conditions for course completion: The evaluation of the course and its subsequent completion will be based on clearly and objectively set requirements, which will be set in advance and will not change. The aim of the assessment is to ensure an objective and fair mapping of the student's knowledge while adhering to all ethical and moral standards. There is no tolerance for students' fraudulent behavior, whether in the teaching process or in the assessment process. 1. Active participation in seminars 2. Elaboration and presentation of PPT presentation on the assigned topic. Maximum number of points 20; minimum number of points 11. 3. Elaboration of an essay in the range of 4xA4 (standard pages). Maximum number of points 20; minimum number of points 11. The final evaluation (grade) is the sum of points for the presentation and the essay. A 40b - 37b B 36b - 33b C 32b - 29b D 28b - 25b E 24b - 21b FX 20b - 0b	
Learning outcomes: The student is able to demonstrate an understanding of the individual's behavior in selected everyday situations such as conflict, group influence, empathy, helping, aggression, etc. The student is able to describe, explain and evaluate the psychological mechanisms that occur in everyday situations. The student is able to apply basic psychological knowledge to himself (self-regulation) but also in interaction with others (cooperation). The method of teaching the subject will be oriented to the student. Speakers will be interested in the needs, expectations and opinions of students so as to encourage them to think critically by expressing respect and feedback on their opinions and needs. The content of the curriculum will be based on primary and high-quality sources that will reflect the topicality of the topics so as to ensure the connection of the curriculum with other subjects and also	

the connection of the curriculum with practice. Students will be expected to take an active approach in lectures and seminars with an emphasis on their independence and responsibility.					
Brief outline of the course: How to understand human behavior (overview of basic approaches in psychology); Basic overview of cognitive processes; Learning processes and their use in practice; Social influences, prosocial and antisocial behavior; How human emotions and motivations work; Deciding - why and when we take risks; Childhood experiences and their relationship to adulthood; Abnormal behavior, mental disorders and therapeutic approaches					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 164					
A	B	C	D	E	FX
51.22	14.02	25.61	6.71	1.83	0.61
Provides: Mgr. Ondrej Kalina, PhD.					
Date of last modification: 24.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ RPBI/20		Course name: Resolving computer security incidents			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 3 Per study period: 42 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 6.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 6					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: RNDr. JUDr. Pavol Sokol, PhD.					
Date of last modification: 08.02.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: CJP/ RUS1/07	Course name: Russian Language for Students of Philology 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 3.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Active seminar participation (2x90 min. absences tolerated). 2 tests, no retakes, dictations, written assignments (80-100 words), home reading, mini-presentations. Final assessment = the average of results obtained. Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less.	
Learning outcomes: Learning of Russian alphabet, orthography and pronunciation in the Russian language. Obtaining knowledge of the language and acquiring language skills of reading, listening, speaking and writing at A1 level.	
Brief outline of the course: Phonetics in Russian, Russian alphabet, orthography, correct pronunciation. Russian sentence, nouns and verbs. Pronouns, numerals, adjectives and adverbs. Verbs in present, past and future tense. Modal and irregular verbs. Vocabulary, foreign words in Russian and their pronunciation. Selected issues of language interference. Selected texts from Russian literature, realia, etc. Development of vocabulary: getting to know each other, hobbies and interests, family, friends, city, phone conversation, etc. Home reading - A.P. Chekhov, B. Pasternak, etc.	
Recommended literature: Nekolová, V., Camutaliová, I., Vasilieva-Lešková, A.: Ruština nejen pro samouky. Praha, Leda, 2007 Baláž, G., Čabala, M., Svetlík, J.: Gramatika ruštiny. Bratislava, SPN, 1995 Balcar M.: Ruská gramatika v kostce. Praha, Leda, 1999 Fozikoš, A., Reiterová, T.: Reálie rusky mluvících zemí. Plzeň, Fraus, 1998 Oganessianová D., Tregubová, J.: Cvičebnice ruské gramatiky. Praha, Polyglot, 2004 + additional texts of lecturer	

http://public-library.narod.ru/					
Course language: Slovak language					
Notes:					
Course assessment Total number of assessed students: 409					
A	B	C	D	E	FX
40.34	16.87	14.91	9.78	6.6	11.49
Provides: PhDr. Helena Petruňová, CSc.					
Date of last modification: 20.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: CJP/ RUS2/07	Course name: Russian Language for Students of Philology 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Active participation in class and completed home assignments. Students are allowed to miss 2 classes at the most (2x90 min.). Online teaching (50% synchronous and 50% asynchronous), in case of an improved epidemiological situation = on-site teaching. 1 test (presumably in week 7) with one retake in the final week of the semester and an assignment consisting of a written project and an oral presentation in English. The tests will be taken online in case of online teaching or in class in case of on-site classes. In order to be admitted to the final exam, a student has to score at least 65% as a sum of both credit tests and academic presentation. Final exam = written test. Final assessment: continuous evaluation = 50%, final exam = 50%. Assessment scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less.	
Learning outcomes: Strengthening of all language skills (writing, reading, listening and speaking), improvement of pronunciation and reading, expanding and deepening of acquired knowledge of the language, Russian realia, culture and literature, development of vocabulary at A2-B1 level.	
Brief outline of the course: Strengthening of writing and correct pronunciation. Nouns, adjectives and verbs. Modal and irregular verbs. Vocabulary, foreign words in Russian and their pronunciation. Selected issues of language interference. Selected texts from Russian literature, daily press, realia, etc. Development of vocabulary: hobbies, foreign languages, job and duties, travel, plans, in a foreign city, abroad, acquaintances and friends, my town, basics of written communication, etc. Home reading - L. N. Tolstoy, B. Pasternak, etc.	
Recommended literature: Nekolová, V., Camutaliová, I., Vasilieva-Lešková, A.: Ruština nejen pro samouky. Praha, Leda, 2007 Baláž, G., Čabala, M., Svetlík, J.: Gramatika ruštiny. Bratislava, SPN, 1995	

Balcar M.: Ruská gramatika v kostce. Praha, Leda, 1999 Fozikoš, A., Reiterová, T.: Reálie rusky mluvících zemí. Plzeň, Fraus, 1998 Oganesjanová D., Tregubová, J.: Cvičebnice ruské gramatiky. Praha, Polyglot, 2004 + additional handouts of lecturer http://public-library.narod.ru/					
Course language: Russian language A1					
Notes:					
Course assessment Total number of assessed students: 182					
A	B	C	D	E	FX
37.91	14.29	15.38	7.69	11.54	13.19
Provides: PhDr. Helena Petruňová, CSc.					
Date of last modification: 11.02.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: CJP/ RUS3/08	Course name: Russian Language for Students of Philology 3
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Active seminar participation (2x90 min. absences tolerated). 2 tests, no retakes, written assignments (100 - 200 words), home reading, mini-presentations. Final assessment = the average of results obtained. Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less.	
Learning outcomes: Development of language skills - speaking, listening, reading and writing, expanding and deepening of knowledge of the language at A2/B1 level, Russian realia, selected literary works, famous persons and events. Enrichment of vocabulary, focusing on free words and collocations, language interference, etc.	
Brief outline of the course: Development of vocabulary (hobbies, cinema and theatre, foreign languages, job and duties, travel, food, health and illness, weather, basics of correspondence, Russian literature, realia, etc.), foreign words in Russian. Selected issues of language interference. Selected texts from Russian literature, daily press, realia, etc. Selected topics of Russian grammar (irregular verbs, nouns, adjectives, passive and active voice, pronouns). Home reading.	
Recommended literature: Nekolová, V., Camutaliová, I., Vasilieva-Lešková, A.: Ruština nejen pro samouky. Praha, Leda, 2007 Baláž, G., Čabala, M., Svetlík, J.: Gramatika ruštiny. Bratislava, SPN, 1995 Balcar M.: Ruská gramatika v kostce. Praha, Leda, 1999 Fozikoš, A., Reiterová, T.: Reálie ruský mluvících zemí. Plzeň, Fraus, 1998 Oganessianová D., Tregubová, J.: Cvičebnice ruské gramatiky. Praha, Polyglot, 2004 + additional handouts of lecturer http://public-library.narod.ru/	
Course language:	

Russian language A2					
Notes:					
Course assessment					
Total number of assessed students: 46					
A	B	C	D	E	FX
60.87	19.57	10.87	8.7	0.0	0.0
Provides: PhDr. Helena Petruňová, CSc.					
Date of last modification: 20.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KPE/ OLŠ/15		Course name: School Administration and Legislation			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 234					
A	B	C	D	E	FX
44.44	26.92	17.09	7.69	2.99	0.85
Provides: doc. PaedDr. Renáta Orosová, PhD., PaedDr. Janka Ferencová, PhD.					
Date of last modification: 08.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚTVŠ/ ÚTVŠ/CM/13	Course name: Seaside Aerobic Exercise
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: combined, present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2., 4., 6.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Conditions for course completion: Attendance	
Learning outcomes: Learning outcomes: Students will be provided an overview of possibilities how to spend leisure time in seaside conditions actively and their skills in work and communication with clients will be improved. Students will acquire practical experience in organising the cultural and art-oriented events, with the aim to improve the stay and to create positive experiences for visitors.	
Brief outline of the course: Brief outline of the course: 1. Basics of seaside aerobics 2. Morning exercises 3. Pilates and its application in seaside conditions 4. Exercises for the spine 5. Yoga basics 6. Sport as a part of leisure time 7. Application of projects of productive spending of leisure time for different age and social groups (children, young people, elderly) 8. Application of seaside cultural and art-oriented activities in leisure time	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 41	
abs	n
12.2	87.8

Provides: Mgr. Agata Horbacz, PhD.
Date of last modification: 15.03.2019
Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KF/VKFV/07		Course name: Selected Topics in Philosophy of Education (General Introduction)			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I.					
Prerequisites: KF/DF1/05					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. PhDr. Pavol Tholt, PhD., mim. prof.					
Date of last modification:					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ISEM1/15		Course name: Seminar in Written Discourse Analysis 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 82					
A	B	C	D	E	FX
24.39	19.51	31.71	15.85	4.88	3.66
Provides: doc. Marián Milčák, PhD.					
Date of last modification: 19.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ISEM2/15		Course name: Seminar in Written Discourse Analysis 2			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 72					
A	B	C	D	E	FX
16.67	16.67	25.0	15.28	6.94	19.44
Provides: doc. Marián Milčák, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/ZNLIT/07		Course name: Semiotic Nature of Literature			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 128					
A	B	C	D	E	FX
34.38	18.75	12.5	24.22	6.25	3.91
Provides: doc. PaedDr. Ivica Hajdučková, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SEO/08		Course name: Semiotics of Aesthetic Objects			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 71					
A	B	C	D	E	FX
21.13	22.54	33.8	18.31	2.82	1.41
Provides: PhDr. Lukáš Šutor, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SBT/06		Course name: Semiotics of Biblical Texts			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 78					
A	B	C	D	E	FX
24.36	30.77	14.1	19.23	10.26	1.28
Provides: Dr.h.c. prof. PhDr. Ján Sabol, DrSc.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: CJP/ SJAZ/07		Course name: Slavonic Language			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Active seminar participation (2x90 min. absences tolerated). 2 tests, no retake. Home assignments. Mini-presentations. Final assessment = the average of results obtained. Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less.					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 106					
A	B	C	D	E	FX
15.09	13.21	12.26	10.38	14.15	34.91
Provides: PhDr. Helena Petruňová, CSc.					
Date of last modification: 22.02.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SHLE/07		Course name: Slovak Historical Lexicology and Etymology			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 98					
A	B	C	D	E	FX
39.8	32.65	15.31	0.0	1.02	11.22
Provides: doc. PhDr. Marianna Sedláková, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SMVL/15		Course name: Slovak Interwar Literature			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 281					
A	B	C	D	E	FX
7.83	13.88	20.64	23.49	25.62	8.54
Provides: doc. PaedDr. Ivica Hajdučková, PhD.					
Date of last modification: 14.09.2020					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SLL45/15		Course name: Slovak Literature After 1945			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 238					
A	B	C	D	E	FX
16.39	16.39	29.83	22.69	10.92	3.78
Provides: doc. Marián Milčák, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SLb/15		Course name: Slovak Literature and Slovak Literature			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 1					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 417					
A	B	C	D	E	FX
11.51	19.42	23.5	18.71	22.78	4.08
Provides:					
Date of last modification: 05.04.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SLKR/15		Course name: Slovak Literature of Classicism and Romanticism			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 1144					
A	B	C	D	E	FX
2.62	10.58	14.51	17.74	25.61	28.93
Provides: doc. Mgr. Ján Sabol, PhD., ArtD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SLRaM/15		Course name: Slovak Literature of Realism and Modernism			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 621					
A	B	C	D	E	FX
6.28	8.37	12.08	18.04	29.63	25.6
Provides: prof. PhDr. Ján Gbúr, CSc., doc. PaedDr. Ivica Hajdučeková, PhD.					
Date of last modification: 16.02.2019					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KPO/ SPKVV/15		Course name: Social and Political Context of Education			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 57					
A	B	C	D	E	FX
31.58	36.84	19.3	10.53	1.75	0.0
Provides: Mgr. Ján Ruman, PhD.					
Date of last modification: 13.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/SWI1a/15		Course name: Software engineering			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites: ÚINF/DBS1a/15 and leboÚINF/DBdi/15					
Conditions for course completion:					
Learning outcomes: To provide information concerning the principal activities related to the development of software products.					
Brief outline of the course: System, subsystem, software system. Software processes. Introduction to project management. Requirements gathering. Software modelilng. Software architectures. Software development methodologies. Verification and validation. Resource management.					
Recommended literature: 1. BERKUN, S. The Art Of Project Management. O Reilly, 2005. 2. BJORNER, D. Software engineering 1,2,3. Springer-Verlag Berlin, 2006. 3. SOMMERVILLE, I. Software Engineering. Addison-Wesley, 2007.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 313					
A	B	C	D	E	FX
18.21	23.0	20.13	17.57	19.81	1.28
Provides: prof. RNDr. Gabriel Semanišin, PhD., Mgr. Alexander Szabari, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SPIR/07		Course name: Spirituality in a Literary Text			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 239					
A	B	C	D	E	FX
26.36	15.9	20.5	16.32	15.06	5.86
Provides: doc. PaedDr. Ivica Hajdučková, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚTVŠ/ TVa/11	Course name: Sports Activities I.
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: combined, present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1., 3., 5., 7.	
Course level: I., I.II., II.	
Prerequisites:	
Conditions for course completion: Min. 80% of active participation in classes.	
Learning outcomes: Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.	
Brief outline of the course: Brief outline of the course: Within the optional subject, the Institute of Physical Education and Sports of Pavol Jozef Šafárik University provides for students the following sports activities: aerobics, aikido, basketball, badminton, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, body-building, indoor football, S-M systems, step aerobics, table tennis, tennis, volleyball and chess. In the first two semesters of the first level of education students will master basic characteristics and particularities of individual sports, motor skills, game activities, they will improve level of their physical condition, coordination abilities, physical performance, and motor performance fitness. Last but not least, the important role of sports activities is to eliminate swimming illiteracy and by means of a special program of medical physical education to influence and mitigate unfitness. In addition to these sports, the Institute offers for those who are interested winter and summer physical education trainings with an attractive program and organises various competitions, either at the premises of the faculty or University or competitions with national or international participation.	
Recommended literature:	
Course language:	
Notes:	

Course assessment							
Total number of assessed students: 12859							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
87.01	0.08	0.0	0.0	0.0	0.04	8.1	4.77
Provides: Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Bc. Richard Melichar, Mgr. Petra Tomková, PhD.							
Date of last modification: 13.05.2021							
Approved:							

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Arts							
Course ID: ÚTVŠ/ TVb/11		Course name: Sports Activities II.					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: combined, present							
Number of ECTS credits: 2							
Recommended semester/trimester of the course: 2., 4., 6.							
Course level: I., I.II., II.							
Prerequisites:							
Conditions for course completion: active participation in classes - min. 80%.							
Learning outcomes: Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.							
Brief outline of the course: Within the optional subject, the Institute of Physical Education and Sports of Pavol Jozef Šafárik University provides for students the following sports activities: aerobics, aikido, basketball, badminton, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, body-building, indoor football, S-M systems, step aerobics, table tennis, tennis, volleyball and chess. In the first two semesters of the first level of education students will master basic characteristics and particularities of individual sports, motor skills, game activities, they will improve level of their physical condition, coordination abilities, physical performance, and motor performance fitness. Last but not least, the important role of sports activities is to eliminate swimming illiteracy and by means of a special program of medical physical education to influence and mitigate unfitness. In addition to these sports, the Institute offers for those who are interested winter and summer physical education trainings with an attractive program and organises various competitions, either at the premises of the faculty or University or competitions with national or international participation.							
Recommended literature:							
Course language:							
Notes:							
Course assessment Total number of assessed students: 11675							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
84.52	0.56	0.02	0.0	0.0	0.05	10.63	4.22

Provides: Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Bc. Richard Melichar, Mgr. Petra Tomková, PhD.

Date of last modification: 13.05.2021
--

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/KSI/13		Course name: Structural Indoeuropeanism Course			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. PhDr. Marianna Sedláková, PhD., Dr.h.c. prof. PhDr. Ján Sabol, DrSc.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/SXM1/15		Course name: Structure formats and representation of data			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Evaluation of partial assignments within larger project. Evaluation of multiple assignments corresponding to learning blocks.					
Learning outcomes: Become acknowledged with theoretical concepts and methodologies with structured and semistructured data. Acquire programming skills with implementations of these concepts.					
Brief outline of the course: Representation of semi-structured data in XML, valid and well-formed XML document. XML parsers: DOM, SAX, StAX. Java API of XML parsers. Schemas for XML documents: DTD, XML Schema. Addressing in XML: XPath. Transformations of XML documents: XSLT. Other formats for semistructured data: JSON, YAML. API for data binding in Java: Jackson (JSON), SnakeYAML (YAML), JAXB (XML).					
Recommended literature: 1. Eliotte "Rusty" Harold. XML Bible, Gold Edition. Wiley, 2001. ISBN 978-0764548192. 2. Grigoris Antoniou, Frank Van Harmelen. A Semantic Web Primer, Second Edition. MIT Press, 2008. ISBN 978-0262012423. 3. Michael Kay. XSLT 2.0 Programmer's Reference, 3rd Edition. Wrox, 2004. ISBN: 978-076456909.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 73					
A	B	C	D	E	FX
32.88	21.92	20.55	13.7	10.96	0.0
Provides: Mgr. Alexander Szabari, PhD.					
Date of last modification: 01.06.2015					

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SVPR1/15		Course name: Student Research Project 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 5					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. Mgr. Markéta Andričíková, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/SVPR2/15		Course name: Student Research Project 2			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 3					
A	B	C	D	E	FX
66.67	33.33	0.0	0.0	0.0	0.0
Provides: doc. Mgr. Markéta Andričíková, PhD.					
Date of last modification: 10.05.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚMV/ DGS/15	Course name: Students' Digital Literacy
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion: continuous assessment and final project	
Learning outcomes: To acquire an overview of the current possibilities of digital technology to develop skills and competencies with emphasis on the area of communication, social interaction and personal. To acquire basic digital skills for working with advanced technologies (mobile phone, tablet, laptop, social media, online webtechnologies). To understand the value of existing advanced technologies for better and more effective learning, work and active life in higher education, lifelong learning and further career prospects.	
Brief outline of the course: Introduction to the problems of current, commonly available digital technology. Tools for access to online information source (mobile applications for access to information systems, databases, data books). Tools for collecting, generating direct information and data and its subsequent analysis and visualization. Tools for providing and sharing of electronic content (cloud technology - Google Drive, Youtube, Google+, Skydrive, Dropbox). Tools for communication, discussion and collaborative activities. Legal work with digital technologies and resources, plagiarism, critical evaluation of digital resources. Security, privacy, digital ethics and etiquette, digital citizenship.	
Recommended literature: 1. Bruff, D. (2009). Teaching with classroom response systems: Creating active learning environments. San Francisco: Jossey-Bass. 2. Byrne, R. (2012). Google Drive and Docs for Teachers. Free Tech for Teachers. 3. Kawasaki, G. (2012). What the Plus! Google+ for the Rest of Us. Amazon igital Services. 4. Kolb, L. (2011). Cell Phones in the Classroom: A Practical Guide for Educators. International Society for Technology in Education.	
Course language: Slovak	
Notes:	

Course assessment	
Total number of assessed students: 250	
abs	n
96.0	4.0
Provides: doc. RNDr. Stanislav Lukáč, PhD., doc. RNDr. Jozef Hanč, PhD., doc. RNDr. Ľubomír Šnajder, PhD.	
Date of last modification: 03.05.2015	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚTVŠ/ LKSp/13	Course name: Summer Course-Rafting of TISA River
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2., 4., 6.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Conditions for course completion: Attendance Final assessment: Raft control on the waterway (attended/not attended)	
Learning outcomes: Learning outcomes: Students have knowledge of rafts (canoe) and their control on waterway.	
Brief outline of the course: Brief outline of the course: 1. Assessment of difficulty of waterways 2. Safety rules for rafting 3. Setting up a crew 4. Practical skills training using an empty canoe 5. Canoe lifting and carrying 6. Putting the canoe in the water without a shore contact 7. Getting in the canoe 8. Exiting the canoe 9. Taking the canoe out of the water 10. Steering a) The pry stroke (on fast waterways) b) The draw stroke 11. Capsizing 12. Commands	
Recommended literature:	
Course language:	
Notes:	

Course assessment	
Total number of assessed students: 153	
abs	n
45.75	54.25
Provides: Mgr. Dávid Kaško, PhD.	
Date of last modification: 18.03.2019	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚTVŠ/ KP/12	Course name: Survival Course
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: combined, present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1., 3., 5.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Conditions for course completion: Attendance Final assessment: continuous fulfilment of all tasks within the course	
Learning outcomes: Learning outcomes: Students will be familiarized with principles of safe stay and movement in extreme natural conditions as they will obtain theoretical knowledge and practical skills to solve the extraordinary and demanding situations connected with survival and minimization of damage to health. The course develops team work and students will learn how to manage and face the situations that require overcoming of obstacles.	
Brief outline of the course: Brief outline of the course: Lectures: 1. Principles of behaviour and safety for movement and stay in unknown mountains 2. Preparation and leadership of tour 3. Objective and subjective danger in mountains 4. Principles of hygiene and prevention of damage to health in extreme conditions Exercises: 1. Movement in terrain, orientation and navigation in terrain (compasses, GPS) 2. Preparation of improvised overnight stay 3. Water treatment and food preparation.	
Recommended literature:	
Course language:	
Notes:	

Course assessment	
Total number of assessed students: 393	
abs	n
44.53	55.47
Provides: MUDr. Peter Dombrovský, Mgr. Ladislav Kručanica, PhD.	
Date of last modification: 15.03.2019	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚINF/ SLO1a/15		Course name: Symbolic logic			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of ECTS credits: 5					
Recommended semester/trimester of the course: 6.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes: To understand basic notions of sentence and predicate logic - sentence, sentence scheme, provability, satisfiability, term, formula.					
Brief outline of the course: Predicate logic – logic language, syntax and semantics, term, formula. Axioms, proof, provability. Interpretation, truth, model. Correctness of the predicate logic.					
Recommended literature: GOLDSTERN M., JUDAH H.: The Incompleteness Phenomenon, A New Course in Mathematical Logic, A K Peters, Wellesley, Massachusetts, 1995 http://cs.ics.upjs.sk/~krajci/skola/vyucba/ucebneTexty/logika/logika.pdf					
Course language:					
Notes:					
Course assessment Total number of assessed students: 405					
A	B	C	D	E	FX
25.43	10.12	12.59	11.36	27.16	13.33
Provides: prof. RNDr. Stanislav Krajčí, PhD., doc. RNDr. Ondrej Krídlo, PhD.					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KPE/TVE/08		Course name: Theory of Education			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 501					
A	B	C	D	E	FX
36.93	32.93	20.36	5.99	1.6	2.2
Provides: Mgr. Katarína Petříková, PhD.					
Date of last modification: 08.06.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: KSSFaK/TELI/15		Course name: Theory of Literature 1			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 905					
A	B	C	D	E	FX
10.61	11.38	15.8	16.13	36.02	10.06
Provides: prof. PhDr. Marián Andričík, PhD., Mgr. Gabriela Eibenová					
Date of last modification: 03.05.2015					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/TYS1/15	Course name: Typographical systems
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 6.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes: To provide the basic information on principles for typesetting of documents containing mathematical formulas in Plain TeX, AMS-TeX, and LaTeX.	
Brief outline of the course: Typesetting of a plain text, special text symbols, using of text fonts. TeX macros. Enumerations in text and footnote command. Parameter setting determining the appearance of the pages. Typesetting of mathematical formulas in text and displays, aligning formulas. Definitions of TeX macros. Making tables and pictures. Definitions, theorems, and proofs in a mathematical document. Contents, bibliography, sections in a document.	
Recommended literature: <ol style="list-style-type: none"> 1. D. E. Knuth, The TeXbook, Computers and Typesetting, Addison-Wesley, Reading, Massachusetts, 1986. 2. M. Doob, Jemný úvod do TeXu, CSTUG, 1990; český překlad z "A Gentle Introduction to TeX" (text voľne prístupný v CTAN archíve). 3. O. Ulrych, AMS-TeX za 59 minút, (verzia 1.0), Praha, 1989. 4. J. Chlebíková, AMS-TeX (verzia 2.0), Bratislava, 1992. 5. M. Spivak, The Joy of TeX, Amer. Math. Soc., 1986. 6. L. Lamport, LaTeX: A Document Preparation System, Addison-Wesley, Massachusetts, 1986. 7. L. Lamport, MakeIndex: An index processor for LaTeX, 17 February 1987. 8. J. Rybička, LaTeX pro začátečníky, Konvoj, Brno, 1995. 9. H. Partl, E. Schlegl, I. Hyna, P. Sýkora, LaTeX – Stručný popis. 10. T. Oetiker, H. Partl, I. Hyna, E. Schlegl, M. Kocer, P. Sýkora, Ne příliš stručný úvod do systému LaTeX2e (neboli LaTeX2e v 73 minutách). 11. M. Goossens, F. Mittelbach, and A. Samarin, The LaTeX Companion, Addison-Wesley, Reading, Massachusetts, 1994. Kapitola 8 je voľne prístupná v TeX archívoch (ch8.pdf). 4 12. G. Grätzer, Math into LaTeX, 3rd edition, Birkhäuser, Boston, 2000. 	
Course language: Slovak or english	

Notes:					
Course assessment					
Total number of assessed students: 251					
A	B	C	D	E	FX
48.21	17.93	19.92	6.37	6.77	0.8
Provides: prof. RNDr. Stanislav Krajči, PhD.					
Date of last modification: 10.02.2021					
Approved:					