University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/

Course name: Algorithms and data structures

ASU1/15

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 credits: 4

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: ÚINF/PAZ1b/15 or ÚINF/ePAZ1b/11 or ÚINF/ePAZ1b/15

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 47

Α	В	С	D	Е	FX
12.77	6.38	6.38	12.77	57.45	4.26

Provides: doc. RNDr. Gabriela Andrejková, CSc., prof. RNDr. Viliam Geffert, DrSc., RNDr.

Rastislav Krivoš-Belluš, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KPE/ **Course name:** Alternative Education ALP/06 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 credits: 2 Recommended semester/trimester of the course: 4. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 65 \mathbf{C} Α В D Е FX 78.46 18.46 0.0 1.54 0.0 1.54 Provides: PaedDr. Renáta Orosová, PhD. Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ C

Course name: Automata and formal languages

AFJ1a/15

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 credits: 4

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

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:

Chomsky hierarchy of grammars and languages. Finite-state transducers and mapping, construction of a reduced automaton. Finite-state acceptors, nondeterministic acceptors, regular expressions. Closure properties of regular languages. Context-free grammars, Chomsky and Greibach normal forms. Pushdown automata, Pumping lemma. Closure properties of context-free languages.

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: 741

A	В	С	D	Е	FX
22.94	17.95	24.29	19.03	10.53	5.26

Provides: Mgr. Alexander Szabari, PhD., prof. RNDr. Viliam Geffert, DrSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Bachelor's Thesis Defense **BPO/15** Course type, scope and the method: **Course type: Recommended course-load (hours):** Per week: Per study period: Course method: present Number of credits: 4 Recommended semester/trimester of the course: Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 0 \mathbf{C} Α В D Е FX 0.0 0.0 0.0 0.0 0.0 0.0 **Provides:** Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Bachelor's Thesis Defense BPOm/15 Course type, scope and the method: **Course type: Recommended course-load (hours):** Per week: Per study period: Course method: present **Number of credits:** 6 Recommended semester/trimester of the course: Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 6 C A В D Е FX 33.33 16.67 16.67 16.67 16.67 0.0 **Provides:** Date of last modification: Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of A	arts			
Course ID: ÚINF/ BKP/14				
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:			
Number of credits: 2	2			
Recommended seme	ster/trimester of the co	urse: 5.		
Course level: I.				
Prerequisities:				
Conditions for cours	se completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	nture:			
Course language:				
Notes:				
Course assessment Total number of asse	ssed students: 0			
abs n				
0.0				
Provides:				
Date of last modifica	tion:			
Approved: doc. PhD:	r Anna Džambová PhD	doc RNDr Stanislav Kraiči PhD		

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: ÚINF/ Course name: Bachelor Thesis and its Defence **BPO/14** Course type, scope and the method: **Course type: Recommended course-load (hours):** Per week: Per study period: Course method: present Number of credits: 4 Recommended semester/trimester of the course: Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 17 C A В D Е FX 58.82 23.53 11.76 5.88 0.0 0.0 **Provides:** Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚBEV/ Cour

Course name: Biology of Children and Adolescents

BDD/05

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 credits: 2

Recommended semester/trimester of the course: 4., 6.

Course level: I.

Prerequisities:

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 muscalar, 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: 1159

A	В	С	D	Е	FX
34.17	23.12	17.0	16.48	8.8	0.43

Provides: doc. RNDr. Monika Kassayová, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/

Course name: Computability theory

TVY/15

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 credits: 4

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities:

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:

MACHTEY, M. and YOUNG, P.: An Introduction to the General Theory of Algorithms, North-Holland, Amsterdam 1978.

BRIDGES, D. S.: Computability, A Mathematical Sketch book, Springer--Verlag 1994

Course language:

Notes:

Course assessment

Total number of assessed students: 193

A	В	С	D	Е	FX
40.93	10.88	15.03	7.25	7.25	18.65

Provides: doc. RNDr. Stanislav Krajči, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ | Course name: Computer network Internet

PSIN/15

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 credits: 5

Recommended semester/trimester of the course: 4.

Course level: L

Prerequisities: ÚINF/PAZ1a/15 or ÚINF/ePAZ1a/11 or ÚINF/ePAZ1a/15

Conditions for course completion:

Activity at excercises, home work, test.

verbal exam, final test

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, to know basic application protocols and use them in own applications.

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, 5. edicia, 2010
- 2. A. S. Tanenbaum: Computer Networks, Prentice Hall, 2002
- 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: 657

A	В	С	D	Е	FX
9.74	4.57	10.96	15.53	38.05	21.16

Provides: doc. Ing. Štefánia Gallová, CSc., RNDr. Peter Gurský, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/

Course name: Cryptographic systems and their applications

KRS/15

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 credits: 6

Recommended semester/trimester of the course: 3.

Course level: I., II.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 96

A	В	С	D	Е	FX
12.5	9.38	9.38	12.5	35.42	20.83

Provides: doc. RNDr. Stanislav Krajči, PhD., doc. RNDr. Jozef Jirásek, PhD., RNDr. Rastislav Krivoš-Belluš, PhD.

Date of last modification: 03.05.2015

Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 12

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/

Course name: Database systems

DBS1a/15

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 credits: 5

Recommended semester/trimester of the course: 3.

Course level: I., II.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Acquired basic concepts and techniques of relational database theory and corresponding software.

Brief outline of the course:

Data models. Languages for defining and manipulating data (DDL, DML). Tables, attributes and integrity constraints. Queries: select, where, group by, aggregate and system functions. Nested queries and several tables: join, union, primary, foreign key. Relational algebra.

Recommended literature:

- S. Krajčí: Databázové systémy, UPJŠ, 2005
- J. ULLMAN: Principles of database and knowledge base systems, Comp. Sci. Press., 1988
- R. Ramakrishnan, J. Gehrke, Database Management Systems, McGraw-Hill, 2003
- Itzik Ben-Gun, Microsoft SQL Server 2012 T-SQL Fundamentals, O'Reilly, 2012
- HENDERSON, K.: The Guru's Guide to Transact SQL, Addison Wesley Professional, 2000

Course language:

Notes:

Course assessment

Total number of assessed students: 741

A	В	С	D	Е	FX
11.07	8.77	17.14	22.67	32.39	7.96

Provides: doc. RNDr. Csaba Török, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/

Course name: Database systems

DBS1b/15

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 credits: 6

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: ÚINF/DBS1a/15 or ÚINF/DBdi/15

Conditions for course completion:

Learning outcomes:

Mastering the basic techniques of effective design, normalization and programmable extension of relational databases.

Brief outline of the course:

Database modelling. Functional dependency and normalization. Recursion and transitive closure. Cursors. Stored procedures. Indices and B-trees. Triggers. Transaction. XML, SDL, XPath, XOuerv.

Recommended literature:

- S. Krajčí: Databázové systémy, UPJŠ, 2005 2. J.
- Date C.J., Database Design and Relational Theory, O'Reilly, 2012
- Atkinson, P., Vierra, R., BEGINNING MICROSOFT SQL SERVER 2012 PROGRAMMING, John Wiley Wrox, 2012
- Itzik Ben-Gan, Microsoft SQL Server, 2012 T-SQL Fundamentals, O'Reilly, 2012
- L. Davidson, J.M. Moss, Pro SQL Server 2012 Relational database Design and Implementation, APRESS, 2012

Course language:

Notes:

Course assessment

Total number of assessed students: 624

A	В	С	D	Е	FX
10.26	7.69	10.9	22.44	37.02	11.7

Provides: doc. RNDr. Csaba Török, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Development Tendencies of German Language VTNJ/15 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 credits: 2 Recommended semester/trimester of the course: 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 1 \mathbf{C} A В D Е FX 0.0 0.0 0.0 0.0 100.0 0.0 Provides: PD.Dr.phil.habil. Mária Papsonová, CSc., mim.prof. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Development Tendencies of German Language VTNJ/12 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 credits: 3** Recommended semester/trimester of the course: 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 26 C A В D Е FX 0.0 7.69 15.38 42.31 34.62 0.0

Provides: PD.Dr.phil.habil. Mária Papsonová, CSc., mim.prof.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts **Course ID:** Course name: Drug Addiction Prevention in University Students KPPaPZ/PUDB/15 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 credits: 2 **Recommended semester/trimester of the course:** 3., 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 11 \mathbf{C} Α В D Е FX 72.73 27.27 0.0 0.0 0.0 0.0

Provides: Mgr. Marianna Berinšterová, PhD., Prof. PhDr. Oľga Orosová, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ | **Course name:** Educational software

EDS/15

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours):

Per week: 0/2 Per study period: 0/28

Course method: present

Number of credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities:

Conditions for course completion:

- 1 Preparation of interim assignments:
- a) Worksheet for student (with custom graphics)
- b) Multimedia educational presentation (with pictures, animations and sounds)
- c) Interactive educational guiz (with several types of guiz items)
- d) Methodological guidance on the use of interactive applications in teaching selected topic of chosen school subject.
- 2 Creation and presentation of final project on the use of educational software in education.

Learning outcomes:

- 1. To acquire an overview of the educational software types and its exploitation in education.
- 2. To gain or enhance basic skills in working with:
- a) presentation software, programs for creation and editing images, animations, diagrams, sounds, concept maps,
- b) programs for creation of quizes, questionnaires, voting,
- c) simulation and modeling software,
- d) selected subject-oriented educational programs,
- 3. To create and present a final project on the use of educational software in education.

Brief outline of the course:

Educational software types. Onlilne educational sources and tools. Multimedia processing. Tools for creation of teaching aids.

Recommended literature:

- 1. Digitálna gramotnosť učiteľa : učebný materiál- modul 1 / Rastislav Adámek ... [et al.]. Košice : Ústav informácií a prognóz školstva, 2009. 80 s. ISBN 9788080861193(brož.).
- 2. Moderná didaktická technika v práci učiteľa : učebný materiál modul 2 / Rastislav Adámek ... [et al.] ; recenzenti Viliam Fedák, Anton Lavrin. Košice : Elfa, 2010. 200 s. ISBN 9788080861353 (brož.).
- 3. Web, Multimédiá / Martin Homola ... [et al.]. Bratislava : Štátny pedagogický ústav, 2010. 68 s. Č. projektu: ŠPVV ĎVUi 26120130001. ISBN 9788081180514 (brož.).

Course language:

Page: 18

Notes:

Content of lessons will be flexibly adapted to the field of study of learners. Language learners will be able to work more with pictures and sounds, physicists with simulation programs, mathematicians with mathematical software, etc.

Course assessment

Total number of assessed students: 7

A	В	С	D	Е	FX
28.57	28.57	28.57	0.0	14.29	0.0

Provides: doc. RNDr. L'ubomír Šnajder, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: English Language for Students of German Language ANGER/12 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 credits: 2 Recommended semester/trimester of the course: 3. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 28 C Α В D Е FX 17.86 25.0 10.71 17.86 14.29 14.29

Provides: PaedDr. Gabriela Bednáriková, PhDr. Helena Petruňová, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KPE/ Course name: Essentials of School Education ZSKP/05 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 credits: 2 Recommended semester/trimester of the course: 4. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 276 C A В D Е FX 10.87 16.67 27.54 18.48 5.8 20.65

Provides: PaedDr. Renáta Orosová, PhD., Mgr. Zuzana Boberová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Essentials of Translation ZP/12 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 credits: 2 Recommended semester/trimester of the course: 4. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 41 C Α В D Е FX 21.95 24.39 21.95 14.63 7.32 9.76 Provides: Mgr. Silvia Berecká Date of last modification: 03.05.2015

Page: 22

University: P. J. Šafárik University in Košice			
Faculty: Faculty of A	arts		
Course ID: KGER/ ZPb/12	Course name: Final Thesis		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:		
Number of credits: 1	0		
Recommended seme	ster/trimester of the cours	e: 6.	
Course level: I.			
Prerequisities:			
Conditions for cours	se completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	nture:		
Course language:			
Notes:			
Course assessment Total number of asse	ssed students: 2		
	abs	n	
100.0 0.0			
Anna Džambová, PhI		Sc., mim.prof., Doc. Dr. Jörg Meier, doc. PhDr. á, PhD., Mgr. Eva Černáková, PhD., PhDr. Kováčová	
Date of last modification:			
Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.			

University: P. J. Šafárik University in Košice				
Faculty: Faculty of A	arts			
Course ID: KGER/ SZP1/12				
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	ce rse-load (hours): dy period: 28			
Number of credits: 2				
Recommended seme	ster/trimester of the cours	e: 5.		
Course level: I.				
Prerequisities:				
Conditions for cours	se completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	nture:			
Course language:				
Notes:				
Course assessment Total number of asse	Course assessment Total number of assessed students: 57			
	abs n			
100.0 0.0				
Anna Džambová, PhI	D., PaedDr. Ingrid Puchalova	Sc., mim.prof., Doc. Dr. Jörg Meier, doc. PhDr. á, PhD., Mgr. Eva Černáková, PhD., PhDr. Kováčová, Mgr. Ulrika Strömplová, PhD.		
Date of last modification: 03.05.2015				
Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.				

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Arts						
Course ID: KGER/ SZP1/15	Course name: Final Thesis Seminar 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 credits: 1						
Recommended semester/trimester of the course: 5.						
Course level: I.						
Prerequisities:						
Conditions for course completion:						
Learning outcomes:						
Brief outline of the course:						
Recommended literature:						
Course language:						
Notes:						
Course assessment Total number of assessed students: 46						
	abs	n				
	100.0	0.0				
Provides: PD.Dr.phil.habil. Mária Papsonová, CSc., mim.prof., Doc. Dr. Jörg Meier, doc. PhDr. Anna Džambová, PhD., PaedDr. Ingrid Puchalová, PhD., Mgr. Eva Černáková, PhD., PhDr. Katarína Fedáková, PhD., Dr. rer. pol. Michaela Kováčová, Mgr. Ulrika Strömplová, PhD.						
Date of last modification: 03.05.2015						
Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.						

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Final Thesis Seminar 2 SZP2/15 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 credits: 1 Recommended semester/trimester of the course: 6. Course level: I. **Prerequisities:** KGER/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: 3 abs n 100.0 0.0 Provides: PD.Dr.phil.habil. Mária Papsonová, CSc., mim.prof., Doc. Dr. Jörg Meier, doc. PhDr. Anna Džambová, PhD., PaedDr. Ingrid Puchalová, PhD., Mgr. Eva Černáková, PhD., PhDr. Katarína Fedáková, PhD., Dr. rer. pol. Michaela Kováčová, Mgr. Ulrika Strömplová, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Final Thesis Seminar 2 SZP2/12 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 credits: 2 Recommended semester/trimester of the course: 6. Course level: I. **Prerequisities:** KGER/SZP1/12 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature: Course language: Notes:** Course assessment Total number of assessed students: 13 abs n 100.0 0.0 Provides: PD.Dr.phil.habil. Mária Papsonová, CSc., mim.prof., Doc. Dr. Jörg Meier, doc. PhDr. Anna Džambová, PhD., PaedDr. Ingrid Puchalová, PhD., Mgr. Eva Černáková, PhD., PhDr. Katarína Fedáková, PhD., Dr. rer. pol. Michaela Kováčová, Mgr. Ulrika Strömplová, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German Children and Young Adult Literature LITML/06 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 credits: 2 Recommended semester/trimester of the course: 2. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 64 C Α В D Е FX 25.0 23.44 35.94 0.0 7.81 7.81

Provides: PaedDr. Ingrid Puchalová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German Language **NJB/15** Course type, scope and the method: **Course type:** Recommended course-load (hours): Per week: Per study period: Course method: present Number of credits: 1 Recommended semester/trimester of the course: Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 10 C Α В D Е FX 60.0 10.0 0.0 10.0 20.0 0.0 **Provides:** Date of last modification: Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German Language and Literature NJL/15 Course type, scope and the method: **Course type: Recommended course-load (hours):** Per week: Per study period: Course method: present Number of credits: 1 Recommended semester/trimester of the course: Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 0 \mathbf{C} Α В D Е FX 0.0 0.0 0.0 0.0 0.0 0.0 **Provides:** Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German Language as a Foreign Language 1 NACJ1/12 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 credits: 2 **Recommended semester/trimester of the course:** 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 18 C Α В D Е FX 27.78 16.67 33.33 22.22 0.0 0.0 Provides: PhDr. Katarína Fedáková, PhD. Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German Language as a Foreign Language 2 NACJ2/12 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 credits: 2 Recommended semester/trimester of the course: 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 17 C Α В D Е FX 11.76 52.94 11.76 23.53 0.0 0.0 Provides: PhDr. Katarína Fedáková, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 32

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German Language for Commercial Sphere NKP/14 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 credits: 2 **Recommended semester/trimester of the course:** 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 18 C Α В D Е FX 44.44 27.78 16.67 5.56 0.0 5.56 Provides: Mgr. Eva Černáková, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German Literature **NLB/15** Course type, scope and the method: **Course type: Recommended course-load (hours):** Per week: Per study period: Course method: present Number of credits: 1 Recommended semester/trimester of the course: Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 10 C Α В D Е FX 30.0 20.0 0.0 30.0 20.0 0.0 **Provides:** Date of last modification: Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ Course name: German Literature of the 18th Century

LIT1/12

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28

Course method: present

Number of credits: 3

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities: KGER/UVLI/15

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 168

Α	В	С	D	Е	FX
8.93	16.67	25.0	29.76	15.48	4.17

Provides: PaedDr. Ingrid Puchalová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ Course name: German Literature of the 19th Century

LIT2/12

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 credits: 3

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: KGER/UVLI/15 or KGER/UVLI/12

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 118

Α	В	С	D	Е	FX
6.78	19.49	24.58	24.58	19.49	5.08

Provides: PaedDr. Ingrid Puchalová, PhD.

Date of last modification: 03.05.2015

Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 36

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ Course name: German Literature of the 20th Century

LIT3/12

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 credits: 4

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities: KGER/UVLI/15

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 130

A	В	С	D	Е	FX
8.46	18.46	31.54	21.54	19.23	0.77

Provides: PaedDr. Ingrid Puchalová, PhD.

Date of last modification: 03.05.2015

Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 37

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German-Slovak Contacts **NSK/12** 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 credits: 2 Recommended semester/trimester of the course: 4. Course level: I. **Prerequisities: Conditions for course completion:** Learning outcomes: **Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 77 C A В D Е FX 10.39 19.48 28.57 19.48 19.48 2.6 Provides: PD.Dr.phil.habil. Mária Papsonová, CSc., mim.prof. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: German-Slovak Language Contacts **NSK/15** 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 credits: 3** Recommended semester/trimester of the course: 4. Course level: I., II. **Prerequisities: Conditions for course completion:** Learning outcomes: **Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 32 C A В D Е FX 6.25 15.63 37.5 28.13 12.5 0.0

Provides: PD.Dr.phil.habil. Mária Papsonová, CSc., mim.prof., Doc. Dr. Jörg Meier

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Grammar Seminar I GRAM1/06 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 credits: 2 **Recommended semester/trimester of the course:** 1. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 312 C Α В D Е FX 13.14 16.99 19.87 19.55 15.71 14.74 Provides: Mgr. Eva Černáková, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ Course name: Grammar Seminar II

GRAM2/06 Course name: Grammar Seminar II

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 credits: 2

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities: KGER/GRAM1/06

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 152

A	В	С	D	Е	FX
13.16	22.37	22.37	18.42	13.82	9.87

Provides: Mgr. Eva Černáková, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Home Reading DOMC/12 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 credits: 3 Recommended semester/trimester of the course:** 1. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 68 C A В D Е FX 20.59 22.06 27.94 17.65 2.94 8.82 Provides: Andreas Schiestl Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: Dek. FF **Course name:** Information and Communication Technologies UPJŠ/IKT/06 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 credits: 2 Recommended semester/trimester of the course: 3. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 933 C Α В D Е FX 38.59 33.76 15.43 7.4 1.93 2.89

Provides: Ing. Tomáš Polák, Mgr. Emília Sotáková

Date of last modification: 19.05.2016

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

| Course ID: ÚINF/ | Cours

Course name: Information and Communication Technologies

IKTP/15

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 credits: 2

Recommended semester/trimester of the course: 3., 5.

Course level: I.

Prerequisities:

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-Sylabus_V50_SK-V01_FIN.pdf.

Course language:

Notes:

Course assessment

Total number of assessed students: 991

A	В	С	D	Е	FX
66.2	17.66	6.96	3.53	1.72	3.94

Provides: Mgr. Alexander Szabari, PhD., doc. RNDr. L'ubomír Šnajder, PhD.

 $\textbf{Date of last modification:}\ 03.05.2015$

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: ÚINF/ **Course name:** Information security principles IBdi/15 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 credits: 3** Recommended semester/trimester of the course: 4., 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 18 C Α В D Е FX 22.22 22.22 22.22 5.56 22.22 5.56 Provides: RNDr. JUDr. Pavol Sokol, PhD. Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Intercultural and Mass Media Studies IKMŠ/15 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 credits: 3 Recommended semester/trimester of the course: 4. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 41 C Α В D Е FX 2.44 9.76 21.95 19.51 39.02 7.32 **Provides:** Andreas Schiestl

Date of last modification: 03.05.2015

Page: 47

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Intercultural and Mass Media Studies IKMŠ/12 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 credits: 3 Recommended semester/trimester of the course: 4. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 84 C Α В D Е FX 28.57 19.05 15.48 11.9 20.24 4.76 **Provides:** Andreas Schiestl Date of last modification: Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Intercultural Studies 1 IKŠ1/12 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 credits: 2 Recommended semester/trimester of the course: 2. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 314 C Α В D Е FX 21.66 19.11 22.29 13.69 10.19 13.06 Provides: PaedDr. Ingrid Puchalová, PhD., Dr. rer. pol. Michaela Kováčová Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Intercultural Studies 2 IKŠ2/12 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 credits: 3 Recommended semester/trimester of the course:** 3. Course level: I. **Prerequisities:** KGER/IKŠ1/12 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language:

Notes:

Course assessment

Total number of assessed students: 146

A	В	С	D	Е	FX
1.37	13.01	13.01	17.81	33.56	21.23

Provides: Dr. rer. pol. Michaela Kováčová

Date of last modification: 03.05.2015

Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 50

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: **ÚINF**/

Course name: Introduction to computer graphics

UGR1/15

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 credits: 5

Recommended semester/trimester of the course: 3.

Course level: I., II.

Prerequisities:

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: 238

A	В	С	D	Е	FX
13.03	8.4	13.03	23.95	31.93	9.66

Provides: doc. RNDr. Gabriel Semanišin, PhD., RNDr. Rastislav Krivoš-Belluš, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ C

Course name: Introduction to neural networks

UNS1/15

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 credits: 5

Recommended semester/trimester of the course: 3.

Course level: I., II.

Prerequisities:

Conditions for course completion:

Learning outcomes:

To understand and to know applications of basic paradigms of neural networks. To learn working with software for neural network models.

Brief outline of the course:

Basic models of computational units - neurons (linear threshold gates, polynomial threshold gates, perceptrons), their computational capability, algorithms of adaptations. Feed-forward neural networks, back propagation algorithm. Hopfield neural networks. ART neural networks. Using neural networks to solving of problems. Genetic and evolution algorithms.

Recommended literature:

J. Hertz, A.Krogh, R.G. Palmer: Introduction to the theory of neural computation, Addison Wesley, 1991

HASSOUN, M. H.: Fundamentals of artificial neural networks, The MIT Press, 1995

Course language:

Notes:

Course assessment

Total number of assessed students: 346

A	В	С	D	Е	FX
8.09	15.9	23.99	21.1	26.3	4.62

Provides: doc. RNDr. Gabriela Andrejková, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/

Course name: Introduction to study of informatics

UIN1/15

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 credits: 5

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 124

A	В	С	D	Е	FX
21.77	18.55	25.0	15.32	4.84	14.52

Provides: doc. RNDr. Stanislav Krajči, PhD., RNDr. Ondrej Krídlo, PhD., Mgr. Alexander

Szabari, PhD.

Date of last modification: 03.05.2015

Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 53

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Introduction to the Study of German Language UVJA/06 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 credits: 3** Recommended semester/trimester of the course: 2. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 309 C Α В D Е FX 3.88 6.8 17.48 24.27 25.89 21.68

Provides: doc. PhDr. Anna Džambová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Introduction to the Study of German Literature UVLI/15 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 credits: 3** Recommended semester/trimester of the course: 2. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 60 C Α В D Е FX 8.33 23.33 15.0 15.0 31.67 6.67 Provides: Mgr. Ulrika Strömplová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Language Competence 1 JKOM1/12 Course type, scope and the method: Course type: Practice **Recommended course-load (hours):** Per week: 4 Per study period: 56 Course method: present **Number of credits: 3 Recommended semester/trimester of the course:** 1. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 422 C Α В D Е FX 13.51 23.93 25.36 14.22 13.74 9.24 Provides: PhDr. Katarína Fedáková, PhD., Andreas Schiestl Date of last modification: 03.05.2015

Page: 56

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Language Competence 2 JKOM2/15 Course type, scope and the method: Course type: Practice **Recommended course-load (hours):** Per week: 4 Per study period: 56 Course method: present **Number of credits: 3** Recommended semester/trimester of the course: 2. Course level: I. Prerequisities: KGER/JKOM1/12 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 59 C Α В D Е FX 10.17 30.51 27.12 18.64 3.39 10.17

Provides: PhDr. Katarína Fedáková, PhD., Andreas Schiestl

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Language Competence 3 JKOM3/12 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 credits: 2 **Recommended semester/trimester of the course:** 3. Course level: I. Prerequisities: KGER/JKOM2/15 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 134 C A В D Е FX 18.66 38.06 26.87 9.7 2.99 3.73 **Provides:** Andreas Schiestl

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Language Competence 4 JKOM4/15 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 credits: 3** Recommended semester/trimester of the course: 4. Course level: I. Prerequisities: KGER/JKOM3/12 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:**

Course assessment

Total number of assessed students: 29

A	В	С	D	Е	FX
27.59	20.69	31.03	17.24	3.45	0.0

Provides: Andreas Schiestl

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ Course name: Language Competence 4

JKOM4/12

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 credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: KGER/JKOM3/12

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 29

A	В	С	D	Е	FX
27.59	20.69	31.03	17.24	3.45	0.0

Provides: Andreas Schiestl

Date of last modification:

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Language Competence 5 JKOM5/12 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 credits: 2 **Recommended semester/trimester of the course:** 5. Course level: I. Prerequisities: KGER/JKOM4/15 **Conditions for course completion: Learning outcomes: Brief outline of the course:**

Course language:

Recommended literature:

Notes:

Course assessment

Total number of assessed students: 4

A	В	С	D	Е	FX
25.0	0.0	50.0	0.0	25.0	0.0

Provides: PhDr. Katarína Fedáková, PhD., Andreas Schiestl

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Lexicology of German Language LEX/12 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 credits: 3** Recommended semester/trimester of the course: 4. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 150 C A В D Е FX 6.67 14.67 22.67 7.33 28.0 20.67 Provides: Dr. rer. pol. Michaela Kováčová

Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Literary Translation **UMP/12** 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 credits: 2 Recommended semester/trimester of the course: 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 0 \mathbf{C} Α В D Е FX 0.0 0.0 0.0 0.0 0.0 0.0 **Provides:** Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚMV/ | **Course name:** Mathematical foundations of informatics I

MZIa/10

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 credits: 6

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:

Two tests and completion of individual homework.

Based on semestral evaluation and examination test.

Learning outcomes:

To obtain basic knowledge in arithmetic, linear algebra, abstract algebra and calculus, to learn proof methods and to use the obtained knowledge in problem solving.

Brief outline of the course:

Integers, divisibility, congruences, congruence classes. Fields and groups. Systems of linear equations, matrices, matrix operations, determinants. Functions and their properties, continuity, limit, derivative. Analysis of functions.

Recommended literature:

Hut'ka, 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 1, 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: 153

A	В	С	D	Е	FX
0.0	8.5	6.54	11.11	46.41	27.45

Provides: doc. RNDr. Tomáš Madaras, PhD., RNDr. Pavel Molnár

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚMV/ | Course name: Mathematical foundations of informatics II

MZIb/10

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 credits: 6

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities: 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: 58

A	В	С	D	Е	FX
0.0	10.34	12.07	15.52	51.72	10.34

Provides: doc. RNDr. Tomáš Madaras, PhD., RNDr. Pavel Molnár

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ | Course name: Morphology of German Language

MORF/12

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 credits: 3

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities: KGER/UVJA/06

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 121

A	В	С	D	Е	FX
10.74	17.36	22.31	23.14	19.01	7.44

Provides: Mgr. Eva Černáková, PhD.

Date of last modification: 03.05.2015

University: P. J. Safárik University in Košice								
Faculty: Faculty of Arts								
Course ID: ÚTVŠ/ NJ//13								
Course type, scope a	Course type, scope and the method:							
V 1	Course type: Practice							
Recommended course-load (hours):								
Per week: 36 Per study period: 504								
Course method: present								
Number of credits: 2								
Recommended seme	ster/trimester of the co	urse: 2., 4., 6.						
Course level: I., II.								
Prerequisities:								
Conditions for course completion:								
Learning outcomes:								
Brief outline of the o	course:							
Recommended litera	nture:							
Course language:								
Notes:								
Course assessment								
Total number of asse	ssed students: 2							
	abs	n						
	100.0 0.0							
Provides: doc. Mgr. 1	Rastislav Feč, PhD.	-						
Date of last modification: 03.05.2015								
Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.								

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: ÚINF/ Course name: Operating systems OSY1/15 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 credits: 3 **Recommended semester/trimester of the course:** 3. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 138 C A В D Е FX 26.09 10.14 18.84 18.12 18.84 7.97 Provides: doc. Ing. Štefánia Gallová, CSc., RNDr. PhDr. Peter Pisarčík Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 70

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Orthography 1 ORT1/15 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 credits: 2 **Recommended semester/trimester of the course:** 1. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 73 C A В D Е FX 15.07 26.03 19.18 10.96 16.44 12.33 Provides: doc. PhDr. Anna Džambová, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Orthography 2 ORT2/12 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 credits: 2 Recommended semester/trimester of the course: 2. Course level: I. **Prerequisities:** KGER/ORT1/12 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment

Total number of assessed students: 51

A	В	С	D	Е	FX
25.49	31.37	27.45	13.73	1.96	0.0

Provides: doc. PhDr. Anna Džambová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KPE/ Course name: Pedagogy Pg/15 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 credits: 2 **Recommended semester/trimester of the course:** 3., 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 67 \mathbf{C} A В D Е FX 40.3 16.42 19.4 7.46 14.93 1.49 Provides: PaedDr. Renáta Orosová, PhD., Mgr. Zuzana Boberová, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts **Course ID:** Course name: Positive Psychology KPPaPZ/PP/15 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 credits: 2 Recommended semester/trimester of the course: 4., 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 14 \mathbf{C} A В D Е FX 85.71 7.14 0.0 7.14 0.0 0.0 Provides: Mgr. Jozef Benka, PhD. Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Practical Phonetics PFON/12 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 credits: 3 Recommended semester/trimester of the course:** 1. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 226 C Α В D Е FX 22.57 17.7 26.11 18.14 10.18 5.31 Provides: doc. PhDr. Anna Džambová, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: ÚINF/ Course name: Principles of computers PRP2/15 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 credits: 4 Recommended semester/trimester of the course: 2. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 74 C A В D Е FX 39.19 17.57 14.86 17.57 10.81 0.0 Provides: doc. Ing. Štefánia Gallová, CSc., RNDr. Juraj Šebej Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Professional Practice OPX/15 Course type, scope and the method: Course type: Practice **Recommended course-load (hours):** Per week: Per study period: 10d Course method: present Number of credits: 2 Recommended semester/trimester of the course: 4. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 3 \mathbf{C} Α В D Е FX 100.0 0.0 0.0 0.0 0.0 0.0 **Provides:** Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 77

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Professional Practice OPX/15 Course type, scope and the method: Course type: Practice **Recommended course-load (hours):** Per week: Per study period: 10d Course method: present Number of credits: 2 Recommended semester/trimester of the course: 3., 5. Course level: I., II. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 3 \mathbf{C} Α В D Е FX 100.0 0.0 0.0 0.0 0.0 0.0 **Provides:** Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 78

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ | Course name: Programming, algorithms, and complexity

PAZ1a/15

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 credits: 8

Recommended semester/trimester of the course: 1.

Course level: I., II.

Prerequisities:

Conditions for course completion:

Get a prescribed minimum number of points for activities of continuous assessment and for solving tasks during final practical test.

Learning outcomes:

Brief outline of the course:

First part of the course (with turtle graphics): New Eclipse project, interactive communication with objects, simple turtle graphics, making user methods, local variables, variable types, arithmetic and logical expressions, random numbers, conditions, loops for and while, debugging, references, chars, Strings, arrays, instance variables, mouse events, simple array algorithms.

Second part of the course (without turtle graphics): Exceptions, using try-catch-finally block, files and directories, conversion from string variables, encapsulation, constructors with parameters, constructors hierarchy, getters and setters, interfaces, inheritance and polymorphism, abstract classes and methods, packages, visibility modifiers, sorting using Arrays.sort() and interfaces Comparable and Comparator, Java Collections Framework: autoboxing, interface List, ArrayList, LinkedList, interface Set and class HashSet, methods equals() and hashCode(), for-each loop, interface Map and class HashMap, custom Exceptions, rethrowing exceptions, exceptions' inheritance, Runtime exceptions, Errors, static variables and methods.

Recommended literature:

- 1. ECKEL, B.: Thinking in Java, Pearson, 2006, ISBN: 978-01-318-7248-6
- 2. PECINOVSKÝ, R.: OOP Naučte se myslet a programovat objektově, Computer Press, a.s., Brno, 2010, ISBN: 978-80-251-2126-9
- 3. SIERRA, K., BATES, B. Head First Java, O'Reilly Media; 2nd edition, 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: 474						
A	В	С	D	Е	FX	
16.03	7.81	12.45	15.82	12.87	35.02	

Provides: RNDr. Peter Gurský, PhD., RNDr. František Galčík, PhD., Mgr. Matej Nikorovič, RNDr. Ľubomír Antoni, PhD., RNDr. Zuzana Bednárová, PhD., Mgr. Miroslav Opiela, RNDr. Juraj Šebej

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ | Course name: Programming, algorithms, and complexity

PAZ1b/15

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 credits: 7

Recommended semester/trimester of the course: 2.

Course level: I., II.

Prerequisities: ÚINF/PAZ1a/15

Conditions for course completion:

Get a given minimum number of points for activities of continuous assessment and for solving tasks during final practical test. The final practical test focuses on application of known algorithms and techniques of efficient algorithm design.

Learning outcomes:

Brief outline of the course:

Recursion and its applications, fractals. Binary search and simple sorting algorithm with quadratic time complexity. Time and space complexity of algorithms, analysis of time complexity, Onotation. Basic data structures and their applications: linked list, stack, and queue. Hierarchical data and their representation, trees, tree traversals, binary search trees. Arithmetic expressions, evaluation of an arithmetic expression. Efficient sorting algorithm: QuickSort, MergeSort, and HeapSort. Backtrack. Techniques "divide and conquer" and dynamic programming as methods for design of efficient algorithms. Basic graph algorithms for unweighted graphs (Breadth-first search, Depth-first search, graph connectivity, graph components, graph bridges, topological sort) and for weighted graphs (shortest paths: Bellman-Ford algorithm, Dijkstra algorithm, Floyd-Warshallov algorithm; minimum spanning tree: Prim algorithm, Kruskal algorithm). String algorithms. Greedy algorithms.

Recommended literature:

WRÓBLEWSKI, P.: Algoritmy, datové struktury a programovací techniky. Computer Press, Brno, 2004

CORMEN, T.H., LEISERSON, Ch.E., RIVEST, R.L, STEIN, C. Introduction to Algorithms. The MIT Press, 2009.

KLEINBERG, J., TARDOS, E.: Algorithm Design, Cornell University, Addison Wesley, New York, 2006.

Course language:

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

Notes:

	Course assessment						
Total number of assessed students: 1039							
	A	В	C	D	Е	FX	
	11.55	6.16	9.72	20.6	23.68	28.3	

Provides: doc. RNDr. Gabriela Andrejková, CSc., RNDr. František Galčík, PhD., PaedDr. Ján Guniš, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/

Course name: Programming environments in schools

SPP1a/15

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 credits: 4

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities: ÚINF/PAZ1a/15

Conditions for course completion:

Creation of educational project in selected children's programming environment (Imagine Logo, Lazarus). Designing and presentation of graded tasks collection in selected children's programming environment.

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 258

A	В	C	D	Е	FX
35.66	20.54	16.28	11.63	10.85	5.04

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

Date of last modification: 03.05.2015

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	arts
Course ID: ÚINF/ PRS/15	Course name: Programming of robotic kits
Course type, scope a Course type: Practic Recommended cou Per week: 3 Per stu Course method: pre	ce rse-load (hours): idy period: 42
Number of credits: 3	}
Recommended seme	ester/trimester of the course: 4.
Course level: I.	
Prerequisities:	
project.	se completion: idual work on computers for a number of sub-assignments - robotic mini- ing a programmed robotic model including documentation.
<u> </u>	rview of robotic sets and robotic programming environments. in constructing and programming robots in selected robotic programming
mechanical parts of branching statements communication betw dance creations, guit demanding projects.	Mindstorms) - components, engines, sensors, basics of constructing of the the model. Programming robotic models in languages NXT-G and NXC - I, loops, blocks, events, parallel processes that work with sensors, datalogging, ween several NXT bricks. Creating mini-project (eg, traffic lights, parking, ear, smart thermometer, measuring distance). Robotic competition, ideas for Creation and presentation of the final project - a programmed robot model (eg, rts, paramedic) including documentation.
geekdad/2007/03/the 2. Carnegie Mellon. I 3. KABÁTOVÁ, M. škôl v predmete infor 978-80-8118-070-5 4. JAKEŠ, T. (2014) https://lego.zcu.cz/we	J. (2007) The Origins of Mindstorms. Wired, 2007. http://www.wired.com/_origins_of_/ Robotics Academy. http://www.education.rec.ri.cmu.edu/ a kol. (2010) Ďalšie vzdelávanie učiteľov základných škôl a stredných rmatika: Didaktika robotických stavebníc. Bratislava : ŠPÚ, 2010. ISBN LEGO MINDSTORMS NXT - Robotické vzdělávání, ZČU v Plzni, 2014.
Course language:	

Notes:

Course assessment						
Total number of assessed students: 37						
A	В	C	D	Е	FX	
48.65	18.92	16.22	2.7	0.0	13.51	

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

Date of last modification: 03.05.2015

	COURSE IN TORMATION LETTER
University: P. J. Šafá	rik University in Košice
Faculty: Faculty of A	Arts
Course ID: ÚINF/ PSW1/06	Course name: Programming of web-pages
Course type, scope a Course type: Practi Recommended cou Per week: 2 Per stu Course method: pro	ce rse-load (hours): idy period: 28
Number of credits: 2	2
Recommended seme	ester/trimester of the course: 4.
Course level: I.	
Prerequisities:	
Conditions for course Evaluation of partial The secure dynamic	•
pages with cascading on client side (JavaSo	bout modern technologies to make dynamic web pages. Be able to make web g styles according to W3C standards. Use technologies on server side (PHP) and cript). Understand relational databases (MySQL). Understand web applications ow how to eliminate them.
styles. Tools for creapages. Programming	web pages. HTML language, W3C standards. Optimization of work, cascading ating the web. Programming in JavaScript. Simple scripts for dynamic web on server side, script language PHP. Application based on PHP. Work with onjunction of used technologies. Selected problems resolvable by technologies
York: Apress, 2010. KOSEK, Jiří. PHP - Praha: Grada, 1999, SUEHRING, Steve a Press, 2006, xxiv, 69 HUSEBY, Sverre H. THE OWASP FOUN www.owasp.org/inde	n. Beginning PHP and MySQL: from novice to professional. 4th ed. New ISBN 978-143-0231-141. tvorba interaktivních internetových aplikací: podrobný průvodce. Vyd. 1. 490 s. Průvodce (Grada). ISBN 80-716-9373-1. a Janet VALADE. <i>PHP, MySQL, JavaScript</i> Vyd. 1. Brno: Computer 22 pagesFor dummies. ISBN 978-1-118-21370-4. Zranitelný kód. Brno: Computer Press, 2006, 207 s. ISBN 80-251-1180-6. NDATION. OWASP [online]. 2014 [cit. 2014-02-26]. Dostupné z: https://
slovak	

Notes:

Course assessment						
Total number of assessed students: 179						
Α	В	С	D	Е	FX	
8.94	7.82	7.26	7.82	23.46	44.69	

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

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Project Seminar in Linguistics PROJ/12 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 credits: 2 **Recommended semester/trimester of the course:** 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 0 \mathbf{C} Α В D Е FX 0.0 0.0 0.0 0.0 0.0 0.0

Provides: PD.Dr.phil.habil. Mária Papsonová, CSc., mim.prof., doc. PhDr. Anna Džambová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Project Seminar in Literature and Culture PROLK/12 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 credits: 2 **Recommended semester/trimester of the course:** 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 7 C Α В D Е FX 28.57 28.57 14.29 0.0 0.0 28.57 Provides: Andreas Schiestl Date of last modification: 03.05.2015

Page: 89

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Project Seminar - Media Production SMEDT/12 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 credits: 2 **Recommended semester/trimester of the course:** 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 0 \mathbf{C} Α В D Е FX 0.0 0.0 0.0 0.0 0.0 0.0 Provides: PaedDr. Ingrid Puchalová, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Propaedeutics PROP/12 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 credits: 2 **Recommended semester/trimester of the course:** 1. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 63 C A В D Е FX 11.11 14.29 19.05 17.46 23.81 14.29 Provides: Dr. rer. pol. Michaela Kováčová Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafá	rik University in Košice					
Faculty: Faculty of A	Arts					
Course ID: ÚINF/ PBS/15						
Course type, scope a Course type: Practi Recommended cou Per week: 1 Per stu Course method: pro	ce rse-load (hours): idy period: 14					
Number of credits:	<u> </u>					
Recommended seme	ester/trimester of the cours	e: 4.				
Course level: I.						
Prerequisities:						
Conditions for cours	se completion:					
Learning outcomes:						
Brief outline of the o	course:					
Recommended litera	ature:					
Course language:						
Notes:						
Course assessment Total number of asse	ssed students: 206					
	abs	n				
	91.26 8.74					
Provides: RNDr. Ľul	oomír Antoni, PhD., RNDr.	Ondrej Krídlo, PhD.				
Date of last modifica	ation: 03.05.2015					
Approved: doc. PhD	r. Anna Džambová. PhD d	oc. RNDr. Stanislav Krajči, PhD.				

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID:

Course name: Psychology

KPPaPZ/Ps/15

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 credits: 2

Recommended semester/trimester of the course: 3., 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 43

A	В	С	D	Е	FX
4.65	6.98	37.21	25.58	9.3	16.28

Provides: Prof. PhDr. Ol'ga Orosová, CSc., PhDr. Anna Janovská, PhD., Mgr. Lucia Hricová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts **Course ID:** Course name: Psychology of Everyday Life KPPaPZ/PKŽ/15 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 credits: 2 **Recommended semester/trimester of the course:** 3. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 32 C A В D Е FX 40.63 28.13 25.0 6.25 0.0 0.0 Provides: Mgr. Ondrej Kalina, PhD. Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Arts						
Course ID: ÚTVŠ/ ÚTVŠ/CM/13						
Course type, scope a Course type: Practic Recommended cou Per week: 36 Per st Course method: pre	ce rse-load (hours): cudy period: 504 esent					
Number of credits: 2	2					
Recommended seme	ester/trimester of the cour	se: 2., 4., 6.				
Course level: I., II.						
Prerequisities:						
Conditions for cours	se completion:					
Learning outcomes:						
Brief outline of the c	course:					
Recommended litera	nture:					
Course language:						
Notes:						
Course assessment Total number of asse	ssed students: 7					
	abs	n				
	57.14	42.86				
Provides: Mgr. Alena	a Buková, PhD., Mgr. Agat	a Horbacz, PhD.				
Date of last modifica	ntion: 03.05.2015					
Approved: doc. PhD	r. Anna Džambová, PhD., c	loc. RNDr. Stanislav Krajči, PhD.				

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KFaDF/ Course name: Selected Topics in Philosophy of Education (General VKFV/07 Introduction) Course type, scope and the method: **Course type: Recommended course-load (hours):** Per week: Per study period: Course method: present Number of credits: 2 **Recommended semester/trimester of the course:** 3., 5. Course level: I. Prerequisities: KFaDF/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 \mathbf{C} A В D Е 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:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ Cou

Course name: Seminar in informatics

BSI1a/15

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 credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Presentation of algorithms for problems of a higher complexity. Presentation of results connecting to the bachalor theses, known and own results.

Learning outcomes:

To inform students about new results in informatics with the goal using them in bachalor theses.

Brief outline of the course:

The seminar has a connection to the bachalor theses and to the repetitorium in informatics. Students present results of their work once in semester at least.

Recommended literature:

Sources of problems:

www.ksp.sk

www.ksp.sk/MOP/

Special research literature according to bachalor theses.

Course language:

Notes:

Course assessment

Total number of assessed students: 185

A	В	С	D	Е	FX
17.3	17.84	24.86	18.92	18.92	2.16

Provides: doc. RNDr. Gabriela Andrejková, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/

Course name: Seminar in informatics

BSI1b/15

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 credits: 2

Recommended semester/trimester of the course: 6.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

To inform students about new results in informatics with the goal using them in bachalor theses. To repeat important knowledges in informatics.

Brief outline of the course:

The seminar has a connection to the bachalor theses and to the repetitorium in informatics. Students present results of their work once in semester at least. To get credits, it is necessary to get the developed number of points from repetitorium.

Recommended literature:

Sources of problems:

www.ksp.sk

www.ksp.sk/MOP/

Special research literature according to bachelor theses.

Course language:

Notes:

Course assessment

Total number of assessed students: 108

A	В	С	D	Е	FX
25.0	22.22	25.0	16.67	10.19	0.93

Provides: doc. RNDr. Gabriela Andrejková, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KPE/ Course name: School Administration and Legislation OLŠ/15 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 credits: 2 **Recommended semester/trimester of the course:** 3., 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 15 C Α В D Е FX 26.67 20.0 40.0 6.67 0.0 6.67 Provides: Mgr. Zuzana Boberová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KPE/ Course name: School Legislation SL1/05 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 credits: 2 Recommended semester/trimester of the course: 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 339 C A В D Е FX 38.94 31.56 16.81 1.77 6.78 4.13 Provides: Mgr. Zuzana Boberová, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 100

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KPO/ Course name: Social and Political Context of Education SPKVV/15 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 credits: 2 Recommended semester/trimester of the course: 4., 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 0 \mathbf{C} Α В D Е FX 0.0 0.0 0.0 0.0 0.0 0.0 Provides: prof. PhDr. Marcela Gbúrová, CSc. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ | Course name: Software engineering

SWI1a/15

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 credits: 2

Recommended semester/trimester of the course: 4.

Course level: L

Prerequisities: ÚINF/DBS1a/15 or ÚINF/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: 209

A	В	C	D	Е	FX
11.96	14.83	21.05	22.01	28.71	1.44

Provides: doc. RNDr. Gabriel Semanišin, PhD., Mgr. Alexander Szabari, PhD.

Date of last modification: 03.05.2015

Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

Page: 102

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚTVŠ/ | **Course name:** Sports Activities I.

TVa/11

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 credits: 2

Recommended semester/trimester of the course: 1., 3., 5., 7.

Course level: I., I.II., II.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 7947

abs	n	neabs
87.96	8.12	3.93

Provides: PaedDr. Imrich Staško, doc. PhDr. Ivan Šulc, CSc., doc. Mgr. Rastislav Feč, PhD., Mgr. Ivan Matúš, PhD., Mgr. Zuzana Küchelová, Mgr. Peter Bakalár, PhD., doc. PaedDr. Ivan Uher, PhD., PaedDr. Milena Švedová, PhD., Mgr. Agata Horbacz, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Lucia Kršňáková, PhD., Mgr. Dávid Kaško

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚTVŠ/ Course nai

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: present

Number of credits: 2

Recommended semester/trimester of the course: 2., 4., 6.

Course level: I., I.II., II.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 7437

abs	n	neabs
85.03	10.93	4.03

Provides: PaedDr. Imrich Staško, doc. Mgr. Rastislav Feč, PhD., doc. PhDr. Ivan Šulc, CSc., Mgr. Ivan Matúš, PhD., Mgr. Zuzana Küchelová, doc. PaedDr. Ivan Uher, PhD., Mgr. Peter Bakalár, PhD., PaedDr. Milena Švedová, PhD., Mgr. Agata Horbacz, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Lucia Kršňáková, PhD., Mgr. Dávid Kaško, Mgr. Aurel Zelko, PhD., Mgr. Dana Dračková, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚMV/ DGS/15					
Course type, scope a Course type: Practi Recommended cou Per week: 2 Per stu Course method: pro	ce rse-load (hours): idy period: 28				
Number of credits: 2	2				
Recommended seme	ester/trimester of the course: 1.				
Course level: I.					
Prerequisities:					
Conditions for course completion: continuous assessment and final project					
competencies with e acquire basic digital social media, online	riew of the current possibilities of digital technology to develop skills and emphasis on the area of communication, social interaction and personal. To skills for working with advanced technologies (mobile phone, tablet, laptop, webtechnologies). To understand the value of existing advanced technologies effective learning, work and active life in higher education, lifelong learning				
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, databooks). 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.					
environments. San F. 2. Byrne, R. (2012). 3. Kawasaki, G. (201	Teaching with classroom response systems: Creating active learning rancisco: Jossey-Bass. Google Drive and Docs for Teachers. Free Tech for Teachers. 12). What the Plus! Google+ for the Rest of Us. Amazon igital Services. Cell Phones in the Classroom: A Practical Guide for Educators. International				
Slovak					

Notes:

Course assessment Total number of assessed students: 19 abs n 100.0 0.0

Provides: doc. RNDr. Stanislav Lukáč, PhD., doc. RNDr. Jozef Hanč, PhD., doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Stylistics and Text Linguistics ŠTL/12 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 credits: 3 Recommended semester/trimester of the course:** 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 128 C A В D Е FX 9.38 20.31 32.03 22.66 14.06 1.56 Provides: Dr. rer. pol. Michaela Kováčová Date of last modification: 03.05.2015

Page: 107

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Arts					
Course ID: ÚTVŠ/ LKSp//13					
Course type, scope and the method:					
Course type: Practic					
Recommended course-load (hours):					
Per week: 36 Per study period: 504					
Course method: present					
Number of credits: 2					
Recommended seme	ster/trimester of the cours	se: 2., 4., 6.			
Course level: I., II.					
Prerequisities:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 92					
	abs	n			
	35.87	64.13			
Provides: Mgr. Peter Bakalár, PhD.					
Date of last modification: 03.05.2015					
Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.					

University: P. J. Šafárik University in Košice						
Faculty: Faculty of A	arts					
Course ID: ÚTVŠ/ KP/12	Course name: Survival Co	ourse				
Course type, scope a Course type: Practic Recommended cour Per week: 36 Per st Course method: pre	ce rse-load (hours): udy period: 504 esent					
Number of credits: 2						
	ster/trimester of the cours	e: 1., 3., 5.				
Course level: I., II.						
Prerequisities:						
Conditions for cours	se completion:					
Learning outcomes:						
Brief outline of the c	ourse:					
Recommended litera	iture:					
Course language:						
Notes:						
Course assessment Total number of asse	ssed students: 251					
	abs	n				
43.82 56.18						
Provides: Mgr. Mare	k Valanský, MUDr. Peter Do	ombrovský				
Date of last modifica	ntion: 03.05.2015					
Approved: doc. PhD:	r. Anna Džambová, PhD., do	oc. RNDr. Stanislav Krajči, PhD.				

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ Course

Course name: Symbolic logic

SLO1a/15

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 credits: 5

Recommended semester/trimester of the course: 6.

Course level: I.

Prerequisities:

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: 347

A	В	С	D	Е	FX
18.16	9.51	13.83	12.68	31.12	14.7

Provides: doc. RNDr. Stanislav Krajči, PhD., RNDr. Ondrej Krídlo, PhD.

Date of last modification: 03 05 2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course name: Školské programovacie prostredia II. Course ID: ÚINF/ SPP1b/15 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 credits: 4 Recommended semester/trimester of the course: 6. Course level: L Prerequisities: ÚINF/SPP1a/15 **Conditions for course completion:** Creation of educational project in selected children's programming environment (Scratch/ AppInventor). Designing and presentation of graded tasks collection in selected children's programming environment **Learning outcomes:** 1. To get an overview of children's programming environments. 2. To acquire programming skills in selected children's programming environments. 3. To compile a collection of graded learning tasks on programming. **Brief outline of the course:** Teaching of algorithms and programming in elementary school - the objectives, content, textbooks and methodological materials. Algorithmic computer games. Overview of children's programming environments. Programming in Scratch/AppInventor, creating educational projects. Creating graded set of tasks to selected children's programming environment. **Recommended literature:** 1. LOVÁSZOVÁ, G. a kol. (2010) Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Malé programovacie jazyky. Bratislava: ŠPÚ, 2010. ISBN 978-80-8118-066-8 2. SALANCI, Ľ. a kol. (2010) Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Didaktika programovania. Bratislava: ŠPÚ, 2010. ISBN 978-80-8118-065-1 3. LOVÁSZOVÁ, G. a kol. (2011) Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Didaktika programovania pre ZŠ 1. Bratislava : ŠPÚ, 2010. ISBN 978-80-8118-080-4 4. LOVÁSZOVÁ, G. a kol. (2011) Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika: Didaktika programovania pre ZŠ 2. Bratislava : ŠPÚ, 2010. ISBN 978-80-8118-091-0 Course language:

Notes:

Course assessment							
Total number of assessed students: 5							
A	В	С	D	Е	FX		
0.0	0.0	0.0	40.0	20.0	40.0		

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

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: Technical Translation OP/12Course type, scope and the method: Course type: Practice **Recommended course-load (hours):** Per week: 2 Per study period: 28 Course method: present Number of credits: 2 **Recommended semester/trimester of the course:** 5. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 7 C Α В D Е FX 71.43 28.57 0.0 0.0 0.0 0.0 Provides: Mgr. Ulrika Strömplová, PhD. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPE/

Course name: Theory of Education

TVE/08

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 credits: 2

Recommended semester/trimester of the course: 4., 6.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 201

A	В	С	D	Е	FX
23.38	32.34	28.36	9.45	1.49	4.98

Provides: PaedDr. Renáta Orosová, PhD., Mgr. Zuzana Boberová, PhD., Mgr. Stanislava Marosi, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/

Course name: Theory of Translatology and Terminology

TTTN/15

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 credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 1

A	В	С	D	Е	FX
0.0	0.0	100.0	0.0	0.0	0.0

Provides: doc. PhDr. František Šimon, CSc., PhDr. Štefan Franko, PhD., Mgr. Ulrika Strömplová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID:

Course name: Theory of Translatology and Terminology

KROKF/TTTN/06

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 credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 329

A	В	С	D	Е	FX
25.23	27.05	20.36	15.81	10.94	0.61

Provides: doc. PhDr. František Šimon, CSc., PhDr. Štefan Franko, PhD., Mgr. Ulrika Strömplová, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ Course name: The Syntax of German **SYN/12** 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 credits: 3 Recommended semester/trimester of the course:** 3. Course level: I. Prerequisities: KGER/UVJA/06 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 267 C Α В D Е FX 15.73 20.97 28.09 16.48 11.99 6.74 Provides: Mgr. Eva Černáková, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: KGER/ **Course name:** Translation Specifics of German Specialised Texts SPNOT/09 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 credits: 3** Recommended semester/trimester of the course: 6. Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 112 C Α В D Е FX 48.21 14.29 20.54 14.29 0.0 2.68 Provides: Mgr. Ulrika Strömplová, PhD. Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ Co

Course name: Typographical systems

TYS1/15

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 credits: 2

Recommended semester/trimester of the course: 4., 6.

Course level: I.

Prerequisities:

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:

Course language:

Notes:

Course assessment

Total number of assessed students: 232

A	В	С	D	Е	FX
46.55	19.4	20.26	5.6	7.33	0.86

Provides: doc. RNDr. Stanislav Krajči, PhD.

Date of last modification: 03 05 2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ **Course name:** Web a návrh používateľských rozhraní

WBdi/15

Course type, scope and the method:

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 0 / 3 Per study period: 0 / 42

Course method: present

Number of credits: 3

Recommended semester/trimester of the course: 3., 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Solving partial assignments and active participation in discussions in a virtual classroom.

Learning outcomes:

Create accessible and usable Web Sites, used the standards (X) HTML and CSS.

Apply the rules for the page layout.

Maintain website and use the basic procedures for their promotion.

Brief outline of the course:

Web Development using (X) HTML and CSS. Tools for web development. Standards of accessibility and usability of the web sites. Cycle of development web site and its promotion.

Recommended literature:

Basic sources for distance courses will be published in LMS Moodle.

TITTEL, Ed a Jeff NOBLE. HTML, XHTML & CSS. 7th ed. Hoboken, NJ: Wiley, c2011, xx, 392 p. --For dummies. ISBN 04-709-1659-1.

KRUG, Steve. <i>Nenuť te uživatele přemýšlet!: praktický průvodce testováním a opravou chyb použitelnost webu</i>. Vyd. 1. Brno: Computer Press, 2010, 165 s. ISBN 978-80-251-2923-4. Slovensko. Výnos Ministerstva financií Slovenskej republiky z 9. júna 2010 o štandardoch pre informačné systémy verejnej správy. In: <i>312/2010</i>. 2010. Dostupné z: http://informatizacia.sk/ext dok-vynos a prilohy 2010-312/7431c

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 70

A	В	С	D	Е	FX
14.29	8.57	10.0	17.14	24.29	25.71

Provides: doc. RNDr. L'ubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD.

Date of last modification: 03.05.2015

Page: 120

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: ÚTVŠ/ Course name: Winter Ski Training Course ZKLS//13 Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 36 Per study period: 504 Course method: present Number of credits: 2 **Recommended semester/trimester of the course:** 1., 3., 5. Course level: I., II. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 81 abs n 32.1 67.9 Provides: PaedDr. Imrich Staško, doc. PhDr. Ivan Šulc, CSc. Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.

University: P. J. Šafárik University in Košice Faculty: Faculty of Arts Course ID: ÚINF/ Course name: Základy informatiky BSSMI/15 Course type, scope and the method: **Course type:** Recommended course-load (hours): Per week: Per study period: Course method: present Number of credits: 1 **Recommended semester/trimester of the course:** Course level: I. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 0 \mathbf{C} Α В D Е FX 0.0 0.0 0.0 0.0 0.0 0.0 **Provides:** Date of last modification: 03.05.2015 Approved: doc. PhDr. Anna Džambová, PhD., doc. RNDr. Stanislav Krajči, PhD.