

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/QAOS/16		Course name: Administrácia a bezpečnosť operačných systémov a sietí			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 8					
Recommended semester/trimester of the course: 3.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: RNDr. JUDr. Pavol Sokol, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QASU/16		Course name: Algorithms and data structures			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 8					
Recommended semester/trimester of the course: 4.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: RNDr. Rastislav Krivoš-Belluš, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QDG1/16	Course name: Digital education of teachers
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 24s Course method: present	
Number of credits: 6	
Recommended semester/trimester of the course: 1.	
Course level: N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 29	
abs	n
100.0	0.0
Provides: RNDr. Mária Spišáková, Ing. Zuzana Tkáčová, Ing.Paed.IGIP.	
Date of last modification: 09.02.2017	
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QDG2/16		Course name: Digital education of teachers			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 2.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 28					
A	B	C	D	E	FX
92.86	3.57	0.0	0.0	0.0	3.57
Provides: RNDr. Mária Spišáková, Ing. Zuzana Tkáčová, Ing.Paed.IGIP.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QDIN1/16	Course name: Didactics of informatics 1
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 24s Course method: present	
Number of credits: 6	
Recommended semester/trimester of the course: 3.	
Course level: N	
Prerequisites:	
Conditions for course completion: Assessment of preliminary sub-assignments (mindmap, learning objectives list, process of teaching). Methodology of teaching selected topics of computer science - Information about us, by the help of activating methods.	
Learning outcomes: - To acquire an overview of the objectives, content, modern methods of teaching computer science. - To acquire skills in setting learning objectives. - To understand the methodology used to teach selected topics of computer science - Information about us	
Brief outline of the course: The objectives and content of computer science education - State and School educational programme, textbooks. Graduation in computer science. Activating methods of teaching computer science. Methodology of teaching selected topics of computer science - Information about us,	
Recommended literature: GUNIŠ, J., SUDOLSKÁ, M., ŠNAJDER, L.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Aktivizujúce metódy vo výučbe školskej informatiky. Bratislava : Štátny pedagogický ústav, 2009. ISBN 978-80-89225-96-5. GUNIŠ, J., ŠNAJDER, L.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Metodika výučby tematickej oblasti Informácie okolo nás. Bratislava : Štátny pedagogický ústav, 2010. ISBN 978-80-81180-30-9. KALAŠ, I. et al. Informatika pre stredné školy, Bratislava : SPN, 2001. ISBN 80-10-00157-0. Tematické zošity Tvorivá informatika pre základné školy, SPN Tematické zošity Informatika pre stredné školy, SPN	
Course language:	
Course assessment Total number of assessed students: 0	

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Ľubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QDIN2/16	Course name: Didactics of informatics 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 24s Course method: present	
Number of credits: 6	
Recommended semester/trimester of the course: 4.	
Course level: N	
Prerequisites:	
Conditions for course completion: Assessment of preliminary sub-assignments (motivation, practising, systemization and testing tasks). Graded collection of tasks with solutions on selected topics of computer science - Communication through ICT, Principles of ICT operation, Information Society.	
Learning outcomes: - To acquire skills in tasks systems development, teaching test preparation. - To understand the methodology used to teach selected chapters of computer science - Communication through ICT, Principles of ICT operation, Information Society.	
Brief outline of the course: Roles of questions and tasks in computer science education. Creation of stepwise assignments unit. Assessment of learning objectives of pupils. Didactical tests. Methodology of teaching selected topics of computer science - Communication through ICT, Principles of ICT operation, Information Society.	
Recommended literature: GUNIŠ, J., ŠNAJDER, L.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Tvorba úloh a hodnotenie žiakov v predmete informatika. Bratislava : Štátny pedagogický ústav, 2009. ISBN 978-80-81180-12-5. GUNIŠ, J., ŠNAJDER, L.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Metodika výučby oblastí Princípy fungovania IKT a Informačná spoločnosť. Bratislava : Štátny pedagogický ústav, 2010. ISBN 978-80-81180-36-1. GUNIŠ, J., ŠNAJDER, L.: Ďalšie vzdelávanie učiteľov základných škôl a stredných škôl v predmete informatika - Komunikácia prostredníctvom IKT. Bratislava : Štátny pedagogický ústav, 2010. ISBN 978-80-81180-12-5. KALAŠ, I. et al. Informatika pre stredné školy, Bratislava : SPN, 2001. ISBN 80-10-00157-0. Tematické zošity Tvorivá informatika pre základné školy, SPN Tematické zošity Informatika pre stredné školy, SPN	
Course language:	
Course assessment Total number of assessed students: 0	

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Ľubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QDP/16		Course name: Didaktika programovania pre stredné a základné školy			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 5.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Ľubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QINT/16		Course name: Internet			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 7					
Recommended semester/trimester of the course: 2.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 27					
A	B	C	D	E	FX
25.93	18.52	14.81	11.11	25.93	3.7
Provides: RNDr. Peter Gurský, PhD., doc. RNDr. Jozef Jirásek, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QKIN0/16		Course name: Database systems			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 1.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 28					
A	B	C	D	E	FX
67.86	10.71	10.71	7.14	0.0	3.57
Provides: doc. RNDr. Stanislav Krajči, PhD., doc. RNDr. Csaba Török, CSc.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QKIN1/16		Course name: Selected topics in informatics			
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: 8					
Recommended semester/trimester of the course: 2.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 27					
A	B	C	D	E	FX
70.37	18.52	7.41	3.7	0.0	0.0
Provides: doc. RNDr. Stanislav Krajči, PhD., RNDr. Zuzana Bednárová, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QKIN2/16		Course name: Selected topics in informatics			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 8					
Recommended semester/trimester of the course: 5.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: RNDr. Zuzana Bednárová, PhD., doc. RNDr. Stanislav Krajčí, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QMAT/16		Course name: Introduction to mathematics for informatics			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 9					
Recommended semester/trimester of the course: 1.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 29					
A	B	C	D	E	FX
48.28	13.79	13.79	6.9	13.79	3.45
Provides: doc. RNDr. Stanislav Krajčí, PhD., RNDr. Ondrej Krídlo, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QOSY/16		Course name: Operational systems			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 8					
Recommended semester/trimester of the course: 3.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: RNDr. Peter Gurský, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QOZP/16		Course name: Defence of thesis			
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: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1					
A	B	C	D	E	FX
0.0	0.0	100.0	0.0	0.0	0.0
Provides:					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QPR1/16	Course name: Programming L1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 12s / 12s Course method: present	
Number of credits: 9	
Recommended semester/trimester of the course: 1.	
Course level: N	
Prerequisites:	
Conditions for course completion: Evaluation of partial assignments. Written exam.	
Learning outcomes: Design, implement and easy to verify algorithms in life that are expressed in different ways. Acquire basic knowledge and skills in programming in Imagine Logo (turtle graphics, control commands, procedures, components, events, processes). Acquire knowledge and skills in programming in Imagine Logo (data types, OOP, multimedia, network programs).	
Brief outline of the course: Programming in Imagine Logo: Basics of turtle graphics, custom procedures Events of turtles, more turtles The shape of turtles, processes Data Types in Imagine Logo Different objects in Imagine Cartoon turtle shapes, classes Network Applications	
Recommended literature: • Bezáková, D. – Lovászová, G. – Kučera, P.: Programovanie 1, ŠPÚ, Bratislava, 2009, ISBN 978-80-89225-65-1 • Bezáková, D. – Lovászová, G. – Kučera, P. – Tomcsányi, P.: Programovanie 4 (Imagine), ŠPÚ, Bratislava, 2009, ISBN 978-80-8118-017-0 • Blaho, A. – Kalaš, I.: Tvorivá informatika – 1. zošit z programovania. SPN, Bratislava, 2005, ISBN 80-10-00019-1	
Course language:	
Course assessment Total number of assessed students: 29	

A	B	C	D	E	FX
10.34	13.79	24.14	34.48	10.34	6.9
Provides: doc. RNDr. Ľubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QPR2/16		Course name: Programming L2			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 12s / 12s Course method: present					
Number of credits: 8					
Recommended semester/trimester of the course: 2.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 24					
A	B	C	D	E	FX
0.0	12.5	20.83	20.83	45.83	0.0
Provides: PaedDr. Ján Guniš, PhD., doc. RNDr. Ľubomír Šnajder, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QPR3/16		Course name: Programming L3			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 8					
Recommended semester/trimester of the course: 3.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: PaedDr. Ján Guniš, PhD., doc. RNDr. Ľubomír Šnajder, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QPS1/16		Course name: Computer systems			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 24s Course method: present					
Number of credits: 8					
Recommended semester/trimester of the course: 4.					
Course level: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: RNDr. JUDr. Pavol Sokol, PhD.					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QSZP/17	Course name: Pripravný seminár k záverečnej práci
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 12s Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 0	
abs	n
0.0	0.0
Provides:	
Date of last modification: 04.09.2017	
Approved: Garantédoc. RNDr. Gabriela Andrejková, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QTPS/16	Course name: Development of a pedagogical software
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 24s Course method: present	
Number of credits: 6	
Recommended semester/trimester of the course: 4.	
Course level: N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 1	
abs	n
100.0	0.0
Provides: doc. RNDr. Ľubomír Šnajder, PhD., PaedDr. Ján Guniš, PhD.	
Date of last modification: 09.02.2017	
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚINF/ QXE/16		Course name: Informatics and didactic of informatics			
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: N					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	100.0	0.0
Provides:					
Date of last modification: 09.02.2017					
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QZP/17	Course name: Seminár k záverečnej práci
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 12s Course method: present	
Number of credits: 3	
Recommended semester/trimester of the course: 5., 6..	
Course level: N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 0	
abs	n
0.0	0.0
Provides: doc. RNDr. Gabriela Andrejková, CSc.	
Date of last modification: 04.09.2017	
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ QZPR/16	Course name: Thesis in informatics
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of credits: 10	
Recommended semester/trimester of the course: 5.	
Course level: N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 1	
abs	n
100.0	0.0
Provides:	
Date of last modification: 09.02.2017	
Approved: Guaranteedoc. RNDr. Gabriela Andrejková, CSc.	