CONTENT

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PPPy/18	**Course name:** Advanced programming in Python

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 6.

Course level: I.

Prerequisities: ÚINF/PAZ1a/15 and leboÚINF/ePAZ1a/15 and leboÚINF/PRG1/15

Conditions for course completion:
Continuous assignment - 50%
Midterm test and final test - 50%
or
The final project - 100%

Learning outcomes:
Problem solving in Python with using various modules, to implement and use algorithms to solve selected problems, knowledge of the principles of object-oriented programming and its implementation in Python.

Brief outline of the course:
Introduction to the environment, basic features of Python, syntax.
Simple types (number, logical type), structured types (string, list, dictionary, tuple, set) and control structures (loops, conditional statements, exception handling).
Definition of functions (parameters, return value, variable number of parameters, default values od parameters). Generators.
Import and creation of modules.
Documentation of functions, modules, packages.
Types of errors and error handling. Capturing and raising exceptions.
Saving data to a file and reading data from a file.
Data serialization. Open data formats.
Definition of own classes. Decorators.
Modules, packages.
Tests and test-driven programming (unittest). Logging.
Parallelism, threads and processes.
Graphic interface for Python programs.
Problem solving using Python.
Classes and objects. Iterator, context manager.
Object-oriented approach to problem solving. Custom data structures.
Selected algorithms over data structures.

Recommended literature:

Pilgrim, M., (2012) Dive Into Python 3. PILGRIM, Mark. https://github.com/downloads/diveintomark/diveintopython3/dive-into-python3.pdf
SHIPMAN, John W. Tkinter 8.5 reference: a GUI for Python. Socorro, NM 87801: New Mexico Tech Computer Center, 2013. Dostupné také z: https://anzeljg.github.io/rin2/book2/2405/docs/tkinter/tkinter.pdf
LOTT, Steven F. Mastering Object-oriented Python. Birmingham B3 2PB, UK: Packt Publishing, 2014. ISBN 978-1-78328-097-1.

Course language:
The primary language is Slovak, English is useful for reading Python documentation

Notes:
Required knowledge: Ability to implement simple programs in a selected programming language (eg Java, Pascal, C ...), basic knowledge of the principles of object-oriented programming.

Course assessment
Total number of assessed students: 23

A	B	C	D	E	FX
13.04	21.74	34.78	17.39	0.0	13.04

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

Date of last modification: 11.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ ASU1/15	**Course name:** Algorithms and data structures

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 1 **Per study period:** 28 / 14
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: (ÚINF/PAZ1a/15 and leboÚINF/ePAZ1a/15),(ÚINF/PAZ1b/15 and leboÚINF/ePAZ1b/15)

Conditions for course completion:
Practice activities, homeworks and midterm exam.
Final examination consisting of practice and theoretical test.

Learning outcomes:
Understand and learn algorithmic paradigms and data structures. Analyse time complexity of these algorithms.

Brief outline of the course:
Algorithms' time and space asymptotic complexity. Main Theorem. Amortized complexity.
Brute Force. Backtrack. Divide and Conquer. Dynamic programming. Comparison and non-comparison sort algorithms. Sweep line algorithms. Graph Theory Algorithms.
Data structures – queue, stack, priority queue, heap, prefix sum, binary search trees, interval trees, union & find, trie.

Recommended literature:
1, Laaksonen A.: Guide to Competitive Programming: Learning and Improving Algorithms Through Contests (Undergraduate Topics in Computer Science), Springer, 2017, ISBN 978-3319725468
2, Forišek M., Steinová M.: Explaining Algorithms Using Metaphors. Springer Briefs in Computer Science, Springer (2013), ISBN 978-1-4471-5018-3
3, R. Sedgewick, K. Wayne: Algorithms (4th Edition), Addison-Wesley Professional, 2011, ISBN 978-0321573513, http://algs4.cs.princeton.edu/home/
4, Open Data Structures: http://opendatastructures.org/

Course language:
Slovak or english

Notes:
Content prerequisities:
- programming skills in some programming language (Python/Java/C++/...)
- mathematics:
-- computing with polynomials, logarithmic and exponential functions

-- computing limits of sequences, L’Hospital rule

Course assessment
Total number of assessed students: 134

A	B	C	D	E	FX
11.94	5.97	17.16	23.13	38.81	2.99

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

Date of last modification: 25.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPE/ ALP/06	**Course name:** Alternative Education

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 208

A	B	C	D	E	FX
64.9	30.77	1.44	0.96	0.48	1.44

Provides: Mgr. Katarína Petríková, PhD.

Date of last modification: 12.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ AFJ1a/15	**Course name:** Automata and formal languages

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 1 **Per study period:** 28 / 14
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 4.

Course level: I.

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: 832

A	B	C	D	E	FX
25.36	18.03	23.92	17.91	9.86	4.93

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

Date of last modification: 24.08.2018

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

COURSE INFORMATION LETTER

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ BPO/14	**Course name:** Bachelor Thesis and its Defence

Course type, scope and the method:
Course type:
Recommended course-load (hours):
Per week: Per study period:
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course:

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 95

A	B	C	D	E	FX
44.21	27.37	13.68	8.42	6.32	0.0

Provides:

Date of last modification: 09.01.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ BPO/15	**Course name:** Bachelor´s Thesis Defense

Course type, scope and the method:
Course type:
Recommended course-load (hours):
Per week: Per study period:
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course:

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 5

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

Provides:

Date of last modification: 12.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚBEV/ BDD/05	**Course name:** Biology of Children and Adolescents

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 0 **Per study period:** 28 / 0
Course method: present

Number of ECTS credits: 2

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

Course level: I.

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 neccessary 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: 1473

A	B	C	D	E	FX
31.5	23.35	17.45	17.58	9.57	0.54

Provides: doc. RNDr. Monika Kassayová, CSc.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/TVY/15	**Course name:** Computability theory

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 1 **Per study period:** 28 / 14
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 5.

Course level: I., II.

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: 277

A	B	C	D	E	FX
46.93	11.91	13.0	5.78	6.14	16.25

Provides: prof. RNDr. Stanislav Krajči, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/PSIN/15	**Course name:** Computer network Internet

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 3 / 1 **Per study period:** 42 / 14
Course method: present

Number of ECTS credits: 5

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: ÚINF/PAZ1a/15 and leboÚINF/ePAZ1a/15 and leboÚINF/PRG1/15

Conditions for course completion:
Activity at excercises (max 18 points), home work (max 18 points), test (max 30 points).
Verbal exam (min 25 points, max 50 points). Required minimum for passing the course is 64 points.

Learning outcomes:
To understand ISO OSI reference model for network communication, to analyze communication channels parameters, to understand different access methods, to be familiar with the function of center network devices (hub, switch, router), to understand IP protocol, IP addresses and the transfer of internet packets, to understand reliable data transfer of the TCP protocol, to be able to use Sockets in won application, to know basic application protocols.

Brief outline of the course:
1. Introduction to computer networks, internet connection types, delay and loss in packet-switched networks, ISO OSI reference model and TCP/IP protocols family.
2. Application layer: Web and HTTP, protocol FTP ,e-mail and SMTP, POP3, IMAP,
3. Application layer: domain names and DNS, Peer-to-peer applications. Security in computer networks.
4. Transport layer: services, multiplexing and demultiplexing, protocol UDP, reliable data transfer
5. Transport layer: connection oriented transport protocol TCP, flow and congestion control.
6. Network Layer: Internet protocol IPv4, virtual circuit and datagram networks, packet fragmentation, routing table, application protocol DHCP
7. Network Layer: network address translation NAT, ICMP protocol, internet protocol IPv6
8. Network Layer: routing algorithms and protocols, broadcast and multicast routing
9. Link layer: error detection, multiple access methods CSMA/CD and CSMA/CA, Ethernet, frames, protocols ARP and RARP, link layer addressing
10. Link Layer and wireless and mobile networks: hub, switch, virtual LAN, 802.11 Wireless LAN, Bluetooth 802.15, WiMAX 802.16, Mobile IP, mobility in GSM
11. Physical Layer: Communication channels parameters, digital and analog encoding.

Recommended literature:
1. J. F. Kurose, Keith W. Ross: Computer Networking: A Top-Down Approach, 7. edition, 2016
2. A. S. Tanenbaum: Computer Networks, 5. edition, Pearson, 2010
3. W. Stallings: Local and Metropolitan Area Networks, Prentice Hall, 2000

4. E. Comer, R.E. Droms: Computer Networks and Internets, Prentice Hall, 2003
5. W. R. Stevens: TCP/IP Illustrated, Vol.1: The Protocols, Addison-Wesley, 1994

Course language:

Notes:

Course assessment
Total number of assessed students: 759

A	B	C	D	E	FX
9.62	5.27	12.38	16.47	37.29	18.97

Provides: doc. RNDr. Jozef Jirásek, PhD., RNDr. Peter Gurský, PhD.

Date of last modification: 06.02.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ KoT/15	**Course name:** Consecutive Interpreting - German Language

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

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

Course level: I.

Prerequisities:

Conditions for course completion:
examination (S)

Learning outcomes:
- development, deepening and automation of consecutive interpreting techniques in more demanding conditions of bilingually mediated communication
- strengthening of effective principles and individual preferences in iconic and diagonal note-taking

Brief outline of the course:
- increasing of requirements in specific aperception, notation activities and specific reproduction in consecutive interpreting through more specialized interpreting-related topics, faster speaker´s and interpreter´s tempo, and individual specific features and deficits of speaker and speaker´s source text
- strengthening of interaction of macro- and microstructural element of notation, increasing of requirements for cognitive processing of source texts (memory exercises)
- training of adaptation to time lag (décalage) in note-taking and note-taking speed
- notes focused on source versus target language and hybrid notes
- training of consecutive interpreting in difficult communication and situation conditions
- specific exercises focused on improvement of note-taking of non-analytical parts of source text
- strengthening and developing of individually spontaneously designed icons and symbols
- building of confidence in production phase (language, stylistic, rhetoric, pragmatic skills)
- individual research and documentary preparation of students for interpreting

Recommended literature:
Albl-Mikasa, M.: Notationssprache und Notizentext. Ein kognitiv-linguistisches Modell für das Konsekutivdolmetschen. Tübingen: Gunther Narr Verlag, 2007.
Andres, D.: Konsekutivdolmetschen und Notation. Frankfurt: Peter Lang, 2002.
Feldweg, E.: Der Konferenzdolmetscher im internationalen Kommunikationsprozess. Heidelberg: Julius Groos Verlag, 1996.
Fiukowski, H.: Zur Rhetorik für Konsekutivdolmetscher. In: Fremdsprachen 4/1988, S. 227-231.
Gile, D.: Basic concepts and models for interpreter and translator training. Benjamins translation library, 1995.
Herbert, J.: Handbuch für den Dolmetscher. Genf: Librairie de l'Université, 1952.

Hönig, H. G.: Verstehensoperationen beim Konsekutivdolmetschen – gehirnpsychologische Grundlagen, psycholinguistische Modellbildungen und didaktische Konsequenzen. In: TexTconText 7/1992, S. 145-167.
Kalina, S.: Strategische Prozesse beim Dolmetschen. Tübingen: Narr, 1998.
Kirchhof, H.: Die Notationssprache als Hilfsmittel des Konferenzdolmetschers im Konsekutivvorgang. In: Mair & Sallger 1979, 121-133.
Kutz, W.: Zur Frage der spezifischen Fähigkeiten des Konsekutiv- und Simultandolmetschers. Fremdsprachen 4, 1985, 229-232.
Matyssek, H.: Handbuch der Notizentechnik für Dolmetscher. Ein Weg zur sprachunabhängigen Notation. Heidelberg: Groos. 2006.
Nováková, T.: Tlmočenie – teória, výučba, prax. Bratislava: UK, 1993.
Rozan, J. F.: La prise de notes en interprétation consécutive. Geneve: Georg, 1956.
Seleskovitch, D.: Der Konferenzdolmetscher: Sprache und Kommunikation. TEXTconTEXT, Beiheft 2. Heidelberg: Julius Groos Verlag, 1988.

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 24

A	B	C	D	E	FX
16.67	16.67	45.83	12.5	8.33	0.0

Provides: Mgr. Blanka Jenčíková

Date of last modification: 13.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ KRS/15	**Course name:** Cryptographic systems and their applications

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 3 / 2 **Per study period:** 42 / 28
Course method: present

Number of ECTS credits: 6

Recommended semester/trimester of the course: 3.

Course level: I., II.

Prerequisities:

Conditions for course completion:
Homeworks, midterm written exam, active participation in laboratory exercises.
Final written exam, possibly oral exam.

Learning outcomes:
This course covers the basic knowledge in understanding and using cryptography. The main focus is on definitions, theoretical foundations, and rigorous proofs of security, with some programming practice. Topics include symmetric and public key encryption, message integrity, hash functions, block cipher design and analysis, number theory, and digital signatures. The course also provides an introduction to cryptographic protocols for authentication and key management, including PKI and certificates.

Brief outline of the course:
Classical cryptography, basic information theory, cryptoanalysis, security of classical ciphers. Symmetric ciphers - stream ciphers, block ciphers (DES, AES), modes of operation. Asymmetric ciphers - RSA, Elgamal, elliptic curve cryptosystems. Hash functions, message authentication codes, digital signatures. Authentication, key establishment and distribution, certificates.

Recommended literature:
1. PAAR, Ch., PELZL, J.: Understanding Cryptography, Springer 2010.
2. STINSON, D. R.. PATERSON, M. B.: Cryptography: Theory and Practie. CRC Press, 2018.
3. MAO, W. Modern Cryptography: Theory and Practice. Prentice Hall, 2003.
4. MENEZES, A., OORSCHOT, P. van, VANSTONE, S.: Handbook of Applied Cryptography. CRC Press, 1996.
5. SCHNEIER, B.: Applied Cryptography, 20th Edition, John Wiley & Sons Inc., 2015

Course language:
Slovak or English

Notes:
Content prerequisities: basic number theory and algebra, basic programming

Course assessment
Total number of assessed students: 112

A	B	C	D	E	FX
12.5	9.82	13.39	13.39	33.04	17.86

Provides: RNDr. Rastislav Krivoš-Belluš, PhD.

Date of last modification: 22.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ DBS1a/15	**Course name:** Database systems

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 5

Recommended semester/trimester of the course: 3.

Course level: I., II.

Prerequisities:

Conditions for course completion:
Tests, assignments.

Learning outcomes:
Acquired basic concepts and techniques of relational database theory and a corresponding software.

Brief outline of the course:
Relational DB, SQL, Filtration, Grouping and Aggregation, Join, Three-Value Logic.
Data and database models, database design, integrity, ER diagrams.
DWH data warehouses, data cubes, pivot. Data science. Normalization 1.

Recommended literature:
- J. ULLMAN: Principles of database and knowledge – base systems, Comp. Sci. Press., 1988
- R. Ramakrishnan, J. Gehrke, Database Management Systems, McGraw-Hill, 2003
- HENDERSON, K.: The Guru's Guide to Transact SQL, Addison Wesley Professional, 2000

Course language:

Notes:

Course assessment
Total number of assessed students: 857

A	B	C	D	E	FX
10.62	9.22	17.97	22.75	32.56	6.88

Provides: doc. RNDr. Csaba Török, CSc.

Date of last modification: 26.02.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ DBS1b/15	**Course name:** Database systems

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 6

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: ÚINF/DBS1a/15 and leboÚINF/DBdi/15

Conditions for course completion:
Tests, assignments.

Learning outcomes:
Advanced techniques of relational databases and theoretical fundamentals of DB normalization and relational algebra. NoSQL

Brief outline of the course:
Stored procedures, functions. Triggers. Views. CTE, recursion and transitive closure.
Set operations. Window functions. Transactions. Cursors. B-trees and indexes. XML, JSON.
Relational algebra. Functional Dependencies and Essential Tuple NF.
Big Data and NoSQL, MongoDB, CRUD and Cursors, Aggregations and Indexes, Replication and Sharding.

Recommended literature:
- K. Chodorow, MongoDB: The Definitive Guide, O'Reilly, second edition, 2013
- Date C.J., Database Design and Relational Theory, O'Reilly, 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:
If necessary, teaching, mid-term and final evaluation will be by distance form.

Course assessment
Total number of assessed students: 710

A	B	C	D	E	FX
10.0	8.45	12.25	24.08	34.93	10.28

Provides: doc. RNDr. Csaba Török, CSc.

Date of last modification: 30.03.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/VTNJ/15	**Course name:** Development Tendencies of German Language

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 1 / 1 **Per study period:** 14 / 14
Course method: present

Number of ECTS credits: 2

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

A	B	C	D	E	FX
0.0	16.67	50.0	16.67	16.67	0.0

Provides:

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPPaPZ/PUDB/15	**Course name:** Drug Addiction Prevention in University Students

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:
Students can get a maximum of 50 points for the course: Part 1 of the assessment: participation in the training (30p) - replaces the classic lessons, students choose the date of the training at the introductoryfirst meeting to the course, therefore their participation is necessary. As the training takes place in two days, participation in the entire training is required. If it is impossible to participate in both days of training, the student must change to another date of training, which he will be able to complete. The training takes place partly over the weekend and also outside the school or in the training center in Danišovce (it starts on Thursday evening and ends on Saturday with lunch). The costs of accommodation, meals and travel are paid by the student himself. 2nd part of assessment: workshops (20p) - they replace classic lectures, are held 4 times per semester and for each workshop the student can get 5p (a total of 20p for workshops). In total, students can get 50b per subject and the final evaluation is as follows: 50 – 45: A; 44 – 40: B; 39 – 35: C; 34 – 30: D; 29 – 25: E; 24 a menej: FX. Any modifications to the implementation of the course in connection with the current order of the Rector are listed in the electronic board of the course.

Learning outcomes:
To provide students with more detailed information on the psychological aspects of drug prevention through an interesting, engaging explanation of theory and practice. Development of skills relevant for the prevention of drug use also through the use of experiential methods in teaching.

Brief outline of the course:

Recommended literature:
Orosová, O. a kol. (2012). Základy prevencie užívania drog a problematického používania internetu v školskej praxi. Košice: UPJŠ.
Sloboda, Z., & Bukoski, J. (Eds.). (2006). Handbook of Drug Abuse Prevention: Theory, Science, and Practice. New York: Springer.

Course language:
slovak

Notes:

Course assessment
Total number of assessed students: 407

A	B	C	D	E	FX
69.29	22.6	5.65	2.21	0.25	0.0

Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Marta Dobrowolska Kulanová, PhD., Mgr. Lucia Barbierik, PhD.

Date of last modification: 16.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ EDS/15	**Course name:** Educational software
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.	
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 quiz (with several types of quiz 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:	

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: 52

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

Provides: doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ANGER/12	**Course name:** English Language for Students of German Language

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 1., 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: 43

A	B	C	D	E	FX
23.26	25.58	11.63	13.95	16.28	9.3

Provides: Mgr. Lenka Klimčáková

Date of last modification: 04.07.2017

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ BSSMI/15	**Course name:** Essentials of Informatics
Course type, scope and the method: **Course type:** **Recommended course-load (hours):** **Per week: Per study period:** **Course method:** present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course:	
Course level: I.	
Prerequisities: ÚINF/PSIN/15,ÚINF/PAZ1b/15,ÚINF/OSY1/15,ÚINF/AFJ1a/15,ÚINF/ SLO1a/15	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment

Total number of assessed students: 6

A	B	C	D	E	FX
16.67	16.67	0.0	0.0	66.67	0.0

Provides:
Date of last modification: 16.06.2017
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ ZP/12	**Course name:** Essentials of Translation

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 2., 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: 48

A	B	C	D	E	FX
18.75	22.92	27.08	12.5	6.25	12.5

Provides: Mgr. Ulrika Strömplová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

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 ECTS credits: 1

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:
- to master theory and specialized terminology of study programme and field of study - sufficiently deep and systematic information survey focused on a selected topic
- to distinguish the elements of originality, compilation and summarization
- to apply the basic standard research methods as well as knowledge and skills acquired during the study
- to demonstrate competence to work and think independently and creatively in terms of content and form

Brief outline of the course:
choosing a topic – working title and formulation of objective
- information survey - gathering, selection and processing of relevant professional literature inprinted and electronic form - preliminary bibliography - excerpts making and elaboration of thesis contents
- distribution of materials into units according to their content - definite thesis contents

Recommended literature:
MEŠKO, D. – KATUŠČÁK, D. a kol.: Akademická príručka. Martin 2004.
The respective primary and secondary literature for master theses from linguistics, literature and intercultural studies

Course language:
German language

Notes:

Course assessment
Total number of assessed students: 51

abs	n
100.0	0.0

Provides: doc. PhDr. Anna Džambová, PhD., PaedDr. Ingrid Puchalová, PhD., PhDr. Katarína Fedáková, PhD., Dr. rer. pol. Michaela Kováčová, Mgr. Ulrika Strömplová, PhD., Mgr. Alexandra Popovičová, PhD.
Date of last modification: 03.05.2019
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/SZP2/15	**Course name:** Final Thesis Seminar 2
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** present	
Number of ECTS credits: 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: 8

abs	n
100.0	0.0

Provides: doc. PhDr. Anna Džambová, PhD., PaedDr. Ingrid Puchalová, PhD., PhDr. Katarína Fedáková, PhD., Dr. rer. pol. Michaela Kováčová, Mgr. Ulrika Strömplová, PhD., Mgr. Alexandra Popovičová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/LITML/06	**Course name:** German Children and Young Adult Literature

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 2., 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: 69

A	B	C	D	E	FX
27.54	23.19	34.78	7.25	7.25	0.0

Provides: PaedDr. Ingrid Puchalová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/NJL/15	**Course name:** German Language and Literature

Course type, scope and the method:
Course type:
Recommended course-load (hours):
Per week: Per study period:
Course method: present

Number of ECTS credits: 1

Recommended semester/trimester of the course:

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 16

A	B	C	D	E	FX
18.75	6.25	43.75	6.25	18.75	6.25

Provides:

Date of last modification: 08.06.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/NACJ1/12	**Course name:** German Language as a Foreign Language 1

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 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

A	B	C	D	E	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

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ NACJ2/12	**Course name:** German Language as a Foreign Language 2

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 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: 35

A	B	C	D	E	FX
31.43	42.86	11.43	14.29	0.0	0.0

Provides: PhDr. Katarína Fedáková, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/NKP/14	**Course name:** German Language for Commercial Sphere

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 1., 3., 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: 28

A	B	C	D	E	FX
60.71	17.86	14.29	3.57	3.57	0.0

Provides: Mgr. Andreas Schiestl

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ LIT1/12	**Course name:** German Literature of the 18th Century

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 ECTS credits: 3

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

Course level: I.

Prerequisities:

Conditions for course completion:
Final assessment: examination (S)

Learning outcomes:
To acquire knowledge of tendencies of German literature in 18th century; to analyse works of selected writers (with emphasis on the "Weimar Classicism"); to read and analyse selected literary texts.

Brief outline of the course:
- the Enlightenment in German language countries and in a broader European context. J. Ch. Gottsched and his polemic with J. J. Breitinger and J. J. Bodmer. G. E. Lessing (dramas and theoretical texts. F. G. Klopstock. Ch. M. Wieland.
- Sturm und Drang as counter-Enlightenment. Young Goethe and young Schiller. J. G. Herder, J. M. R. Lenz. G.A. Bürger.
- Weimar Classicism, its nature and importance in German and world literature. Life and work of J. W. Goethe (poetry, drama and fiction, texts on art, society and nature). Life and work of F. Schiller (analysis of selected dramas, poems and essays. Schiller as an important art theorist.

Recommended literature:
BEUTIN, W. u. a.: Deutsche Literaturgeschichte von den Anfängen bis zur Gegenwart. 4. Überarb. Auflage, Stuttgart 1992.
MARTINI, F.: Deutsche Literaturgeschichte. Von der Aufklärung bis zur Gegenwart. 16. Auflage, Stuttgart 1972.

Course language:
German language

Notes:

Course assessment
Total number of assessed students: 191

A	B	C	D	E	FX
12.04	17.8	24.08	27.75	14.14	4.19

Provides: PaedDr. Ingrid Puchalová, PhD.
Date of last modification: 08.04.2019
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ LIT2/12	**Course name:** German Literature of the 19th Century

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:
Final assessment: examination (S)

Learning outcomes:
To acquire knowledge of tendencies and directions of German, Austrian and Swiss literature in 19th century; to analyse in detail the works of selected writers; to read and analyse selected literary texts.

Brief outline of the course:
Between classicism and romantism (H. v. Kleist, J. Paul, F. Hölderlin)
- German romantism in European cultural context. Periods of romantism. Genre metamorphoses. Schlegel brothers, Novalis, L. Tieck. C. Brentano, A. von Arnim, Grimm brothers, J. v. Eichendorff. E.Th.A. Hoffmann, A. von Chamisso, N. Lenau, E. Mörike
- "Biedermeier" and "pre-March" period (1815 – 1848). A. Stifter, F. Grillparzer, "Vienna folk theatre" (J. N. Nestroy, F. Raimund), A. v. Droste-Hülshoff. G. Büchner. Ch. D. Grabbe. H. Heine. H. v. Fallersleben.
- "Poetic realism" in German, Austrian and Swiss literature. G. Freytag. F. Hebbel. Th. Storm. G. Keller. C. F. Meyer. W. Raabe. Th. Fontane. M. v. Ebner-Eschenbach. K. E. Franzos.

Recommended literature:
BEUTIN, W. u. a.: Deutsche Literaturgeschichte von den Anfängen bis zur Gegenwart. 4. Überarb. Auflage, Stuttgart 1992.
MARTINI, F.: Deutsche Literaturgeschichte. Von der Aufklärung bis zur Gegenwart. 16. Auflage, Stuttgart 1972.

Course language:
German language

Notes:

Course assessment
Total number of assessed students: 139

A	B	C	D	E	FX
9.35	20.86	23.74	21.58	19.42	5.04

Provides: PaedDr. Ingrid Puchalová, PhD.
Date of last modification: 17.03.2019
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ LIT3/12	**Course name:** German Literature of the 20th Century

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 4

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

Course level: I.

Prerequisities:

Conditions for course completion:
Final assessment: examination (S)

Learning outcomes:
To acquire knowledge of tendencies and directions of German, Austrian and Swiss literature in 20th century; to analyse in detail the works of selected writers; to read and analyse selected literary texts.

Brief outline of the course:
Naturalism as method and movement (G. Hauptmann).
- "Classical modernism" (symbolism, impressionism, Jugendstil, decadency). Th. Mann. H. Hesse. R. Huch. F. Wedekind. S. George. R. M. Rilke, A. Schnitzler. H. v. Hofmannsthal. P. Altenberg. R. Walser.
- Literary expressionism. Background and consequences. G. Heym. G, Trakl. G. Kaiser. Franz Kafka and Prague German Literature. Literary Dadaism. H. Arp.
- Literature of Weimar Republic and National Socialism (1918 -1945). New Objectivity. Exile literature. "Internal Emigration". B. Brecht. A. Döblin. H. Fallada. E. Jünger. A. Seghersová. R. Musil. H. Broch. Ö. v. Horváth.
- Literature in the Federal Republic of Germany. "Literature of Ruins". Group 47. Nonconformism. Concrete poetry. Documentary theatre. "New Interiorisation." Postmodernism. H. Böll. G. Grass. H. M. Enzensberger. M. Walser. B. Strauss. P. Süskind.
- Literature in the German Democratic Republic. S. Heym. Ch. Wolfová. J. Becker. V. Braun. U. Plenzdorf. Ch. Hein.
- Literature in Austria and Switzerland. E. Canetti. H. v. Doderer. I. Bachmannová. P. Celan. Vienna Group. Th. Bernhard. P. Handke. E. Jelineková. F. Dürrenmatt. M. Frisch. A. Muschg. P. Bichsel.

Recommended literature:
BEUTIN, W. u. a.: Deutsche Literaturgeschichte von den Anfängen bis zur Gegenwart. 4. Überarb. Auflage, Stuttgart 1992.
MARTINI, F.: Deutsche Literaturgeschichte. Von der Aufklärung bis zur Gegenwart. 16. Auflage, Stuttgart 1972.

Course language:
German language

Notes:

Course assessment
Total number of assessed students: 169

A	B	C	D	E	FX
10.06	21.89	31.36	18.93	15.98	1.78

Provides: PaedDr. Ingrid Puchalová, PhD., Mgr. Barbora Molokáčová

Date of last modification: 20.09.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/NSK/15	**Course name:** German-Slovak Language Contacts

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 2., 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: 51

A	B	C	D	E	FX
13.73	25.49	33.33	17.65	9.8	0.0

Provides: Doc. Dr. Jörg Meier

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ GRAM1/06	**Course name:** Grammar Seminar I
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisities:	
Conditions for course completion: final written test	
Learning outcomes: Students can use definite, indefinite and zero article in the German language correctly, they decline nouns, adjectives, pronouns and some numerals with definite article, indefinite article and with no article correctly; can use correct prepositions and conjunctions in German sentences; in analysing of texts, students can apply theoretical grammatical knowledge.	
Brief outline of the course: - Gender, article, declension of nouns - Declension of adjectives - Pronouns – types, functions and declension - Numerals – types, functions and declension - Prepositions – their function in declension of nouns, prepositional relations - Conjunctions – their position in German syntax	
Recommended literature: DREYER, H. – SCHMITT, R. : Lehr- und Übungsbuch der deutschen Grammatik – aktuell. München 2009. HALL, K. – SCHEINER, B. : Übungsgrammatik für Fortgeschrittene. Deutsch als Fremdsprache. Ismaning 2001. HELBIG, G. – BUSCHA, J. : Übungsgrammatik Deutsch. Berlin, München 2008. HERING, A. – MATUSSEK, M. – PERLMANN-BALME, M. : Übungsgrammatik für die Mittelstufe. Deutsch als Fremdsprache. München 2009. PERLMANN-BALME, M. – SCHWALB, S. : em neu, Deutsch als Fremdsprache – B2, Kursbuch und Arbeitsbuch. Ismaning 2008. RUG, W. – TOMASZEWSKI, A. : Grammatik mit Sinn und Verstand. Stuttgart 2001.	
Course language: German	
Notes:	

Course assessment
Total number of assessed students: 376

A	B	C	D	E	FX
11.97	17.55	19.68	18.35	16.76	15.69

Provides: Mgr. Alexandra Popovičová, PhD.

Date of last modification: 08.04.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ 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 ECTS credits: 2

Recommended semester/trimester of the course: 2., 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: 180

A	B	C	D	E	FX
14.44	21.67	23.89	17.78	12.78	9.44

Provides: doc. PhDr. Anna Džambová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ DOMC/12	**Course name:** Home Reading
Course type, scope and the method: **Course type:** Lecture / Practice **Recommended course-load (hours):** **Per week:** 1 / 1 **Per study period:** 14 / 14 **Course method:** present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisities:	
Conditions for course completion: examination (S)	
Learning outcomes: To become familiar and learn basic techniques of reading of literary texts in the German language, to acquire first interpretation experience	
Brief outline of the course: - Basics of reading theory - Reading as activity - Development of ability to distinguish between important and not important - Development of ability to deduce meaning of unknown words - Discussion with a literary text - ability to give own questions regarding literary text and to find answers to these questions - Aesthetic perception - Ability to deduct and formulate the meaning of a literary text - Ability to interprete a literary text	
Recommended literature: HELMLING, B. – WACKWITZ, G.: Literatur im Deutschunterricht am Beispiel von narrativen Texten. München 1986. DELABAR, W.: Literaturwissenschaftliche Arbeitstechniken. Darmstadt 2009. DUDERSTADT, M. – FORYTTA, C.: Literarisches Lernen. Frankfurt am Main 1999. EHLERS, S.: Literarische Texte lesen lernen. München 1992. EHLERS, S.: Lesen als Verstehen. München 1992. KAMINSKI, D.: Literarische Texte in der Unterrichtspraxis. München 1984.	
Course language: German language	
Notes:	

Course assessment
Total number of assessed students: 109

A	B	C	D	E	FX
23.85	19.27	26.61	18.35	8.26	3.67

Provides: Mgr. Alexandra Popovičová, PhD.

Date of last modification: 17.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPE/ INP/17	**Course name:** Inclusive Pedagogy

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 42

A	B	C	D	E	FX
83.33	16.67	0.0	0.0	0.0	0.0

Provides: PaedDr. Janka Ferencová, PhD.

Date of last modification: 12.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ IKTP/15	**Course name:** Information and Communication Technologies

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: combined, present

Number of ECTS credits: 2

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

Course level: I.

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-SylabusV50_SK-V01_FIN.pdf>.

Course language:

Notes:

Course assessment
Total number of assessed students: 1022

A	B	C	D	E	FX
65.46	17.71	6.95	3.52	1.66	4.7

Provides: Mgr. Alexander Szabari, PhD., doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 03.05.2015
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ IBdi/15	**Course name:** Information security principles

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

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

Course level: I.

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

A	B	C	D	E	FX
25.0	21.43	25.0	10.71	3.57	14.29

Provides: RNDr. JUDr. Pavol Sokol, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ IKŠ1/12	**Course name:** Intercultural Studies 1

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:
assessment (H) - test

Learning outcomes:
Students will familiarize themselves with selected country-related topics, realize common features and differences between their own culture and cultures in German speaking countries. By working with authentic texts and secondary literature, students will understand causes and connections of studied phenomena in German speaking countries culture. Acquired knowledge will enable students to better understand concepts from different areas of life presented in media and culture of Germanophone countries.

Brief outline of the course:
The content of the course is based on comparison of studies of Slovakia and German speaking countries from the following aspects
- Physical geography
- Political structure, characteristics of individual regions
- Political system, institutions, parties, representatives, civil initiatives
- Famous personalities from science, engineering, economics and culture
- Society: demography, social classes, preferred values, extended behavioural patterns, life goals of young people, immigrants and their integration, the role of church and religious societies
- Education: system of schools and universities, priorities, problems and perspectives of university education, possibilities of study mobilities in German speaking countries
- Economics, dominant economic sectors, economic geography, economic policy lines, labour market development, unemployment and its dimensions
- Media and contemporary media discourse
- Language and its varieties
- Culture: Music, Theatre, Film

Recommended literature:
GAIDOSCH, U. - MÜLLER, C.: Zur Orientierung. Basiswissen Deutschland. Ismaning 2006,
KOPPENSTEINER, J.: Österreich. Ein landeskundliches Lesebuch. Wien 2004.
LUTSCHER, R.: Von der Wende bis heute. Landeskunde Deutschland. München 2014.
Tatsachen über Deutschland. Ed. Societätsverlag, Frankfurt am Main 2011.

Current texts in printed and electronic media

Course language:
German

Notes:

Course assessment
Total number of assessed students: 345

A	B	C	D	E	FX
21.74	20.58	21.45	14.2	10.14	11.88

Provides: Dr. rer. pol. Michaela Kováčová

Date of last modification: 15.05.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ IKŠ2/12	**Course name:** Intercultural Studies 2

Course type, scope and the method:
Course type: Lecture
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

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

Course level: I.

Prerequisities:

Conditions for course completion:
assessment - written test, oral exam

Learning outcomes:
Students will obtain an overview of political, economic and church history as well as history of culture and art in Germany and in Slovakia in the context of European history, with particular focus on intercultural contacts.

Brief outline of the course:
The content of the course includes history of Germany and Slovakia, comparison of development in both territories and clarification of mutual relations
- Germanic and Slavic tribes: the way of life, individual tribes: basic classification, primary sources, contacts with the Roman Empire
- Early Middle Ages: migration of nations, characteristics of Middle Ages, Samo's Empire, Frankish Empire with focus on Charles the Great, Christianisation of present-day Germany, the Great Moravia and its Christianisation, disintegration of the Frankish Empire, origins of the Holy Roman Empire, establishment of the Kingdom of Hungary, the Arpád dynasty, Ottonians, Romanesque style
- High Middle Ages: characteristics of era, system of church, Investiture Controversy, increase of Papal power, emergence of mendicant orders, establishment of universities, rise of cities, Hanseatic League, the Arpád dynasty, Tartar attacks, expansion of the Teutonic Order into Baltic countries, German colonization in Slovakia, the Anjou dynasty, Sigismund of Luxembourg, the "Bratříci" Movement, Matthias Corvinus, the Jagiellonian dynasty, Battle of Mohács
- Late Middle Ages - crisis of Middle Ages, humanism and renaissance, Reformation, spread of Reformation in Slovakia, rise of the Habsburghs, counter-reformation, Turkish wars, Thirty-Year's War, its causes and consequences, anti-Habsburg uprisings
- the Enlightenment, enlightened despotism and baroque in German countries and Austria-Hungary, reforms, classicism
- Germany during the period of French control 1789 – 1815, Prussian reforms, Congress of Vienna and restoration, industrialization period; nationalistic movements, revolutions 1848

- Unification of Germany 1871, German Empire, Bach's absolutism, Memorandum of the Slovak Nation, Matica slovenská, Dualism in Habsburg Monarchy, modernisation and social system, imperialism, WWI
- Weimar Republic, consequences of the Treaty of Versailles, Golden Twenties, artistic styles: expressionism, Bauhaus, New Objectivity, establishment of the First Czechoslovak Republic, interwar Czechoslovakia, causes of Hitler's rise to power
- the Third Reich, ideology, power structures, WWII, destruction of Czechoslovakia, the Slovak State, forms of resistance
- After-war history in Federal Republic of Germany and German Democratic Republic, development in the Czechoslovak Socialist Republic, Revolutionary year 1989, Unification of Germany, contemporary art

Recommended literature:

EPKENHANS, M. at al.: Geschichte und Geschichten. Stuttgart - Leipzig 2011.
GUTJAHR, H.- J.(ed.): Duden. Geschichte. Basiswissen Schule. Berlin 2003.
KAMENICKÝ, M. et al.: Lexikón svetových dejín. Bratislava 1997.
KOVÁČ, D.: Dejiny Slovenska. Praha 1998.
MÜLLER, H. M.: Deutsche Geschichte in Schlaglichtern. Mannheim 1996.
OLBRICH, H. – STRAUSS, G.: Lexikon der Kunst in 7 Bänden. Leipzig 2004.

Course language:
German

Notes:

Course assessment
Total number of assessed students: 174

A	B	C	D	E	FX
2.3	14.94	14.37	18.39	32.18	17.82

Provides: Dr. rer. pol. Michaela Kováčová

Date of last modification: 15.05.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ IKMŠ/15	**Course name:** Intercultural and Mass Media Studies
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisities:	
Conditions for course completion: Final assessment: examination	
Learning outcomes: To learn the fundamentals of mass media theory and to obtain an overview of development of media environment in German speaking area, with particular attention paid to intercultural contacts. To strengthen interpretation skills to perceive and evaluate different forms of media texts.	
Brief outline of the course: - Fundamentals of theory of mass media communication - Marketing communication, advertisement - Journalistic genres, photography - History and present of TV and radio - German language (interpellation of texts, stylistics) - Press right and copyright - Culturology (theatre, film, music, dubbing) - Forms and effects of mass media messages - Functioning of mass media in the past and at present - History and development of mass media environment in German speaking area - Development of practical skills to produce and disseminate mass media messages	
Recommended literature: BENTELE, G.- BROSIUS, H. B., JARREN, O. (Hrsg.): Öffentliche Kommunikation. Handbuch Kommunikations- und Medienwissenschaft. Wiesbaden 2003. FAßLER, M. – HALBACH, W. R. (Hrsg.): Geschichte der Medien. München 1998. LESCHKE, R.: Einführung in die Medientheorie. München 2003.	
Course language: German language	
Notes:	

Course assessment
Total number of assessed students: 62

A	B	C	D	E	FX
17.74	11.29	22.58	14.52	27.42	6.45

Provides: Mgr. Alexandra Popovičová, PhD.

Date of last modification: 15.05.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ TLM1/13	**Course name:** Interpreting 1 (Consecutive) - German Language
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 3., 5.	
Course level: I.	
Prerequisities:	
Conditions for course completion: assessment	
Learning outcomes: - training in learned techniques of consecutive interpreting (CI) using authentic and didactically processed texts - effective, meaningful and reflected application of mediated central principles of note-taking technique without prescriptive nature - mediation of CI process on the basis of individual interpreting phases	
Brief outline of the course: - tasks strengthening the specific apperception of a source text in consecutive interpreting - tasks focused on activation of knowledge structures important in CI reception phase - training in text processing strategies (learning of macrostructures, hierarchization of information, compression, cultural and specific strategies, semantic analysis of source text before and in note-taking) - training in source text reproduction without a note-taking technique in order to increase memory capacity performance - training in note-taking techniques in analytical and non-analytical parts of source texts to support and simplify memorization process regarding interaction between memory and note-taking (macro- and microstructural function of note-taking) - learning of effective and cognitive iconic notes, taking into account basic features of correct notes, such as effectivity, simplicity, exactness, explicitness; automation of note-taking operations; specification of preferences in iconic notes, individual spontaneously designed icons and symbols - diagonal note-taking: meaningful structuring of information and its preferences, hierarchy principles, notes layout as memory support – coherence and connective means, notes of text structures and relations between text segments - sensibilization and development of individual character of note-taking system (ad-hoc-solutions, grammatical annotations, etc.) - training in décalage adaptation in note-taking - building and strengthening of competences in CI production phase (transfer of meaning, target text revision, target text reproduction)	

- individual research and documentation preparation of students for interpreting

Recommended literature:

Albl-Mikasa, M.: Notationssprache und Notizentext. Ein kognitiv-linguistisches Modell für das Konsekutivdolmetschen. Tübingen: Gunther Narr Verlag, 2007.
Andres, D.: Konsekutivdolmetschen und Notation. Frankfurt: Peter Lang, 2002.
Feldweg, E.: Der Konferenzdolmetscher im internationalen Kommunikationsprozess. Heidelberg: Julius Groos Verlag, 1996.
Fiukowski, H.: Zur Rhetorik für Konsekutivdolmetscher. In: Fremdsprachen 4/1988, S. 227-231.
Gile, D.: Basic concepts and models for interpreter and translator training. Benjamins translation library, 1995.
Herbert, J.: Handbuch für den Dolmetscher. Genf: Librairie de l'Université, 1952.
Hönig, H. G.: Verstehensoperationen beim Konsekutivdolmetschen – gehirnpsychologische Grundlagen, psycholinguistische Modellbildungen und didaktische Konsequenzen. In: TexTconText 7/1992, S. 145-167.
Kalina, S.: Strategische Prozesse beim Dolmetschen. Tübingen: Narr, 1998.
Kirchhof, H.: Die Notationssprache als Hilfsmittel des Konferenzdolmetschers im Konsekutivvorgang. In: Mair & Sallger 1979, 121-133.
Kutz, W.: Zur Frage der spezifischen Fähigkeiten des Konsekutiv- und Simultandolmetschers. Fremdsprachen 4, 1985, 229-232.
Matyssek, H.: Handbuch der Notizentechnik für Dolmetscher. Ein Weg zur sprachunabhängigen Notation. Heidelberg: Groos. 2006.
Nováková, T.: Tlmočenie – teória, výučba, prax. Bratislava: UK, 1993.
Rozan, J. F.: La prise de notes en interprétation consécutive. Geneve: Georg, 1956.
Seleskovitch, D.: Der Konferenzdolmetscher: Sprache und Kommunikation. TEXTconTEXT, Beiheft 2. Heidelberg: Julius Groos Verlag, 1988.

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 47

A	B	C	D	E	FX
27.66	31.91	23.4	12.77	4.26	0.0

Provides: Mgr. Blanka Jenčíková

Date of last modification: 03.05.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ UKA1/15	**Course name:** Introduction to cognitive algorithms

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 1 **Per study period:** 28 / 14
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:
Overview of central nervous system and algorithms to describe it.

Brief outline of the course:
Overview of the cognitive processes in the human brain and of computational algorithms used to describe these processes.

Recommended literature:
1. Kopčo N (2011) Výpočtová neuroveda (Úvod do modelovania neurofyziologických a behaviorálnych dát), Vydavateľ: Technická univerzita v Košiciach.
2. Hertz J, Krogh A and Palmer RG: Introduction to the theory of neural computation. Addison-Wesley 1991
3. Dayan P and LF Abbott: Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems. MIT Press, 2001

Course language:
english or slovak

Notes:

Course assessment
Total number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

Provides: doc. Ing. Norbert Kopčo, PhD., Ing. Peter Lokša

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/UGR1/15	**Course name:** Introduction to computer graphics

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 5

Recommended semester/trimester of the course: 3.

Course level: I., II.

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: 297

A	B	C	D	E	FX
13.8	10.44	13.8	23.57	29.97	8.42

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

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ UIB1/17	**Course name:** Introduction to information security

Course type, scope and the method:
Course type: Lecture
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 3.

Course level: I., N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 56

A	B	C	D	E	FX
37.5	37.5	14.29	7.14	1.79	1.79

Provides: RNDr. JUDr. Pavol Sokol, PhD.

Date of last modification: 27.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ UNS1/15	**Course name:** Introduction to neural networks

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 5

Recommended semester/trimester of the course: 3.

Course level: I., II.

Prerequisities:

Conditions for course completion:
Evaluation of projects created for neural network applications.
Written and oral exam.

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.
Mitchell, M. (1998). An introduction to genetic algorithms. MIT press.

Course language:
Slovak or English

Notes:
Content prerequisites:
Basics of programming in Python, or another alternative programming language suitable for data analysis

Course assessment
Total number of assessed students: 439

A	B	C	D	E	FX
14.12	17.08	22.55	19.13	22.78	4.33

Provides: RNDr. Ľubomír Antoni, PhD.

Date of last modification: 10.02.2021
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ UNV1/15	**Course name:** Introduction to neurosciences

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 5

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities:

Conditions for course completion:
Examination

Learning outcomes:
Introduction to anatomy and physiology of human brain, to cognitive processes corresponding to different mental functions, and to computational tools used in neuroscience.

Brief outline of the course:
Description of neural centers of basic cortical functions (visual, auditory, sensory and motor cortex, learning and memory). Basic physiological, psychological, psychophysical and computational methods used in neuroscience with focus on the application of computational tools for electrophysiological brain activity recording and imaging (e.g., magnetic resonance). Computational applications of neuroscience research.

Recommended literature:
1. Gazzaniga M. (ed.): The New Cognitive Neurosciences. 2nd ed. MIT Press. 1999
2. Dayan P and LF Abbott: Theoretical Neuroscience - Computational and Mathematical Modeling of Neural Systems. MIT Press, 2001
3. Stillings et al.: Cognitive Science: An Introduction, 2nd ed., MIT Press, 1995

Course language:
Slovak or English

Notes:
Content prerequisites:
Algebra, programming (Matlab).

Course assessment
Total number of assessed students: 29

A	B	C	D	E	FX
17.24	24.14	20.69	24.14	10.34	3.45

Provides: doc. Ing. Norbert Kopčo, PhD., Ing. Peter Lokša

Date of last modification: 10.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ UIN1/15	**Course name:** Introduction to study of informatics

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 5

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 284

A	B	C	D	E	FX
43.31	17.25	13.38	8.45	3.17	14.44

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

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ UVJA/06	**Course name:** Introduction to the Study of German Language

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 1 / 1 **Per study period:** 14 / 14
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 2.

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: 343

A	B	C	D	E	FX
5.25	7.58	17.78	21.28	23.62	24.49

Provides: Mgr. Alexandra Popovičová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ UVLI/15	**Course name:** Introduction to the Study of German Literature

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 1 / 1 **Per study period:** 14 / 14
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities:

Conditions for course completion:
Final assessment: examination (S)

Learning outcomes:
To gain a basic overview of theory of literature and literary science and to learn practical basis and methods of work with literary texts.

Brief outline of the course:
1. What is literature. Basic definitions.
2. Poetics and aesthetics in individual periods.
3. Development of types, genres and their basic characteristics - work with literary texts. Lyric poetry, epic poetry, drama.
4. Theory of verse.
5. Fundamentals of literary communication, reception, interpretation based on analysis of selected texts.
6. Interpretation approaches (positivist, historical, phenomenological, existential, morphological and sociological method) – demonstration and analysis of texts of master works of German poetry, prose, and drama.
7. Classic texts of German literature and their reception today.
8. Reception of German literature in Slovakia.

Recommended literature:
ARNOLD, H. L./DETERING, H.: Grundzüge der Literaturwissenschaft. München: Deutscher Taschenbuchverlag, 1996.
BECKER, SABINE; HUMMEL, CHRISTINE; SANDER, GABRIELE: Grundkurs Literaturwissenschaft. - Stuttgart : Reclam, 2002. - 200 S.
BEST, O. F.: Handbuch literarischer Fachbegriffe. Definitionen und Beispiele. Frankfurt am Main: Fischer Taschenbuch Verlag, 1994.
CULLER, JONATHAN: Literaturtheorie : eine kurze Einführung / Jonathan Culler. Aus dem Engl. übers. von Andreas Mahler. - Stuttgart : Reclam, 2002. - 200 S.
GUTZEN, DIETER; OELLERS, NORBERT; PETERSEN, JÜRGEN H..: Einführung in die neuere deutsche Literaturwissenschaft : ein Arbeitsbuch / von - 6., neugefaßte Aufl. - Berlin : Schmidt, 1989. - 388HORÁK, P.: Poetika. Praha: Československý spisovatel, 1973.

JAKOBSON, R.: Lingvistická poetika. Výber z diela. Bratislava: Tatran, 1991.
JEßING, BENEDIKT; KÖHNEN, RALPH: Einführung in die Neuere deutsche Literaturwissenschaft. Stuttgart [u.a.] : Metzler, 1995. - VI, 453S.
KOMMICH, DOROTHEE; RENNER, ROLF GÜNTHER; STIEGLER, BERND: Texte zur Literaturtheorie der Gegenwart. Stuttgart: Reclam Verlag,1996. 486 S.
MAREN-GRISEBACH, M.: Methoden der Literaturwissenschaft. Bern: A. Francke AG Verlag, 1970.
MEYER-KRENTLER, ECKHARDT: Arbeitstechniken Literaturwissenschaft - 9., vollst. überarb. und aktualisierte Aufl. - München : Fink, 2001. - 141 S. (oder neuere Auflage)
NEUHAUS, STEFAN: Grundriss der Literaturwissenschaft. Tübingen u. Basel: Francke 2003 (UTB 2477). 274 S.
VOGT, JOCHEN: Einladung zur Literaturwissenschaft : mit einem Hypertext-Vertiefungsprogramm im Internet / Jochen Vogt. - 3., durchges. und aktualisierte Aufl. - München : Fink, 2002. - 287 S. (oder neuere Auflage)
WALDMANN, GÜNTER: Neue Einführung in die Literaturwissenschaft. Aktive analytische und produktive Einübung in Literatur und den Umgang mit ihr – Ein systematischer Kurs. Hohengehren: Schneider-Verlag, 2003. - 325 S.
WELLEK, R./WARREN, A: Teorie literatury. Praha: Votobia, 1996.
WELLERSHOFF, D.: Die Auflösung des Kunstbegriffs. Frankfurt am Main: Suhrkamp Verlag, 1976.

Course language:
German language

Notes:

Course assessment
Total number of assessed students: 100

A	B	C	D	E	FX
19.0	21.0	15.0	13.0	24.0	8.0

Provides: Mgr. Ulrika Strömplová, PhD., PaedDr. Ingrid Puchalová, PhD., Mgr. Alexandra Popovičová, PhD.

Date of last modification: 18.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/JKOM1/12	**Course name:** Language Competence 1

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 ECTS 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: 480

A	B	C	D	E	FX
13.75	24.17	25.21	14.17	12.92	9.79

Provides: Mgr. Alexandra Popovičová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/JKOM2/15	**Course name:** Language Competence 2

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 ECTS 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: 101

A	B	C	D	E	FX
11.88	31.68	23.76	14.85	10.89	6.93

Provides: PhDr. Katarína Fedáková, PhD., M.A. Maren Kleimann, Mgr. Alexandra Popovičová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/JKOM3/12	**Course name:** Language Competence 3

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 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: 162

A	B	C	D	E	FX
18.52	36.42	27.78	9.88	3.7	3.7

Provides: Mgr. Alexandra Popovičová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/JKOM4/15	**Course name:** Language Competence 4

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 4.

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: 52

A	B	C	D	E	FX
30.77	17.31	30.77	13.46	3.85	3.85

Provides: Mgr. Alexandra Popovičová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/JKOM5/12	**Course name:** Language Competence 5

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

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

A	B	C	D	E	FX
50.0	0.0	33.33	0.0	16.67	0.0

Provides:

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ TP/13	**Course name:** Legal Terminology and Translation - German Language

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:
assessment (H)

Learning outcomes:
- training and fixation of terminological databases in the translatologically relevant texts and exercises in the respective functional style
- application of terminological and terminographic principles in legal translation
- identification and solving of translation problems connected with the respective specialization
- learning and automation of practical skills in translation of specific types of specialized texts

Brief outline of the course:
- descriptive and prescriptive work with terminology of the respective specialization, taking into account its translation potential (features of terms, terminological standards, procedures in formation of terms, terminology administration tools etc.)
- specific problems of translation of specialized terms
- pragmatic and functional analysis of specialized texts and their translations
- text typology and text conventions of the respective specialized messages
- translation typology, specific translation procedures, methods and strategies, translation process
- bidirectional translation of authentic and didactically processed specialized texts from the theory of law, i.e. law and acts, law and science of law, law and courts, law and public; legislation (sanctions, rules, habits, legal and statutory standards, rules of law and thruth); formation of system in law; law application issues; dependency of law on communication and communication media; private law, public law and contract law
- evaluation and criticism of translation in the respective specialization
- acquiring of competence to create and use the translation aids correctly

Recommended literature:
Abrahámová, E.: Deutsch für Jurastudenten mit Glossar. Bratislava: Univerzita Komenského, 2007.
Arntz, R. – Picht, H. – Mayer, F.: Einführung in die Terminologiearbeit. Hildesheim, Zürich, New York: Olms, 2000.
Koller, W.: Einführung in die Übersetzungswissenschaft. Tübingen: A. Francke 2011.
Masár, I.: Príručka slovenskej terminológie. Bratislava: VEDA, 1991.

Rüthers, B.: Rechtstheorie. 5. Aufl. München: Beck, 2010.
Stolze, R.: Fachübersetzung. Tübingen: Narr, 1999.
Vesting, T.: Rechtsthoerie. Studienbuch. München: Beck, 2007.
Zippelius, R.: Das Wesen des Rechts. Eine Einführung in die Rechtstheorie. 6. Auflage. Stuttgart: Kohlhammer, 2012.

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 46

A	B	C	D	E	FX
15.22	23.91	19.57	10.87	19.57	10.87

Provides: Mgr. Blanka Jenčíková

Date of last modification: 14.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ LEX/12	**Course name:** Lexicology of German Language

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 1 / 1 **Per study period:** 14 / 14
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:
examination (S) - written test or oral examination

Learning outcomes:
Students will learn basic lexicological terms, concepts and methods. Working during seminars will deepen their knowledge of the system of studied language, and will extend and establish their own lexis.

Brief outline of the course:
- Lexicology as science - position of lexicology in linguistics, areas of lexicology
- Word as language sign, specific features of language sign, theoretical concepts of language sign
- Lexical meaning of word - types of lexical meanings, structure and methods of analysis of lexical meaning
- Lexical and semantic relations in vocabulary - polysemy, homonyms, paradigmatic and syntagmatic relations in vocabulary: synonyms, hyperonym and hyponym, antonyms, word field, semantic field.
- Words formation: motivation and its types, word-formation procedures, broadening and narrowing of meaning of words, morphemic structure of words
- Vocabulary stratification
- Phraseology: types of phraseologisms, features of phraseologisms, lexical and semantic relations between phraseologisms
- Lexicography, types of dictionaries and their use

Recommended literature:
BUSCHA, A. – FRIEDRICH, K.: Deutsches Übungsbuch. Übungen zum Wortschatz der deutschen Sprache. Berlin 2001.
BUSSMANN, H: Lexikon der Sprachwissenschaft. Stuttgart 2002.
SCHIPPAN, T.: Lexikologie der deutschen Gegenwartssprache. Tübingen, 2002.
RÖMER, C. – MATZKE, B.: Lexikologie des Deutschen. Eine Einführung. Tübingen 2003.
VAJÍČKOVÁ, M. : Lexikalisches Grundwissen in Sprachsystem und Sprachgebrauch. Bratislava 2005.
WANZECK, C: Lexikologie. Göttingen 2010

Course language:
German

Notes:

Course assessment
Total number of assessed students: 172

A	B	C	D	E	FX
6.4	16.86	26.16	24.42	19.19	6.98

Provides: Dr. rer. pol. Michaela Kováčová

Date of last modification: 03.05.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ UMP/12	**Course name:** Literary Translation

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 6.

Course level: I.

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

A	B	C	D	E	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., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚMV/ MZIa/10	**Course name:** Mathematical foundations of informatics I

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 6

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:
Two tests and completion of individual homework. Assessment is given on the basis of semestral evaluation and examination test.

Learning outcomes:
To obtain basic mathematical knowledge in arithmetic, linear algebra and elementary calculus. To become familiar with the applications of some fundamental mathematical concepts. To learn to work with mathematical software and together with the acquired knowledge to use it in solving various types of problems.

Brief outline of the course:
Integers and divisibility. Prime numbers and congruences. Applications of congruences and congruence classes. Matrices and determinants. Applications of matrices and determinants. Functions and their properties. Elementary functions. Limit of a function. Continuity and derivative of a function. Applications of derivatives.

Recommended literature:
Hallet D. H. (2014). Applied Calculus. John Wiley & Sons.
Koshy T. (2007). Elementary Number Theory with Applications. Elsevier.
Lay D. C. (2012). Linear Algebra And Its Applications. Boston: Addison-Wesley.
Studenovská D., Madaras T. (2006). Matematika pre nematematické odbory. UPJŠ.
Studenovská D., Madaras T., Mockovciak S. (2006). Zbierka úloh z matematiky pre nematematické odbory. UPJŠ.
Zimmermann P. et al. (2018). Computational Mathematics with SageMath. Springer.

Course language:
Slovak

Notes:

Course assessment Total number of assessed students: 196					
A	B	C	D	E	FX
0.51	9.69	9.18	19.39	47.96	13.27
Provides: prof. RNDr. Tomáš Madaras, PhD., RNDr. Juraj Hudák					
Date of last modification: 19.09.2020					
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚMV/MZIb/10	**Course name:** Mathematical foundations of informatics II

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 6

Recommended semester/trimester of the course: 2.

Course level: I.

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: 111

A	B	C	D	E	FX
0.9	9.01	8.11	22.52	52.25	7.21

Provides: prof. RNDr. Tomáš Madaras, PhD., RNDr. Juraj Hudák

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ MORF/12	**Course name:** Morphology of German Language

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 1 / 1 **Per study period:** 14 / 14
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 151

A	B	C	D	E	FX
9.27	19.21	25.83	22.52	17.22	5.96

Provides: Dr. rer. pol. Michaela Kováčová

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPE/ MMKV/17	**Course name:** Multiculturalism and Multicultural Education

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 82

A	B	C	D	E	FX
51.22	24.39	21.95	1.22	1.22	0.0

Provides: PaedDr. Janka Ferencová, PhD.

Date of last modification: 12.02.2021

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

COURSE INFORMATION LETTER

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

Course assessment
Total number of assessed students: 304

A	B	C	D	E	FX
22.37	21.71	19.08	25.0	10.53	1.32

Provides: RNDr. PhDr. Peter Pisarčík

Date of last modification: 14.01.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ ORT1/15	**Course name:** Orthography 1
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisities:	
Conditions for course completion: assessment (H)	
Learning outcomes: Students have knowledge of development of German orthography, in particular problems of reform of 1903 and the latest orthography reform, they are aware of changes and rules of the latest orthography reform in practice.	
Brief outline of the course: - Relationship between written and spoken language, phoneme - grapheme relationship - Historical and phonetic principle in orthography - contrastive view - Overview of development of written German language, 1st and 2nd orthographic conference - the latest reform of German orthography - overview of changes in specific areas of orthography and training of selected rules	
Recommended literature: DUDEN : Die neue Rechtschreibung. Mannheim 1996. FELSENSTEIN, T. – HAGGENMÜLLER, R.: Basis-Trainer Deutsch. Neue Recht-schreibung. Augsburg 1999. LÜBKE, D. : Übungen zur neuen Rechtschreibung. In: Deutsch als Fremdsprache München 2000. MAIER, M. – NILL, Chr.: Rechtschreibung 2000. Grundlegende Übungen zur Reform. Stuttgart, Düsseldorf, Leipzig 2004. SCHEURINGER, H. – STANG, Chr. Die deutsche Rechtschreibung. Geschichte. Reformdiskussion. Neuregelung. Wien 2004.	
Course language: German	
Notes:	

Course assessment
Total number of assessed students: 132

A	B	C	D	E	FX
9.85	25.76	20.45	12.88	17.42	13.64

Provides: doc. PhDr. Anna Džambová, PhD.

Date of last modification: 17.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ ORT2/12	**Course name:** Orthography 2

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 2., 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: 77

A	B	C	D	E	FX
20.78	38.96	24.68	12.99	1.3	1.3

Provides: doc. PhDr. Anna Džambová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPE/Pg/15	**Course name:** Pedagogy

Course type, scope and the method:
Course type: Lecture
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 638

A	B	C	D	E	FX
20.06	27.12	26.02	15.67	10.34	0.78

Provides: Mgr. Katarína Petríková, PhD.

Date of last modification: 12.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KPPaPZ/PP/15	**Course name:** Positive Psychology

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:
Assessment is based on interim evaluation.

Learning outcomes:
The aim of the course is to leanrn about the the basic theory and current research, as well as the possibility of application of Positive Psychology as a new and rapidly developing field of psychology. The aim of the subject is mainly to develop and apply critical thinking to the challenges and issues that Positive Psychology brings and raises in the context of the individual in contemporary society. Emphasis is placed on the ability to independently and critically process current topics of positive psychology.

Brief outline of the course:
1. Different perspectives on well-being nad happiness in psychology
2. Main theoretical approaches to positive psychology
3. Positive emotions and positivity
4. Meaningfulness
5. Positive interpersonal relations
6. Post-traumatic growth
7. Hope and optimism
8. Gratitude
9. Spirituality as a personality dimension
10. Wisdom
11. Positive institutions
12. New themes and topics in PP

Recommended literature:
Brewer, M. B, Hwestone, M: Emotion and Motivation, Blackwell, 2004
Deci, E., Ryan R. M., Handbook of Self – Determination Reasearch, Rochester, 2002
Křivohlavý, J.: Pozitivní psychologie. Praha, Portál, 2003
Křivohlavý, J.: Psychologie vděčnosti a nevděčnosti. Praha, Grada, 2007
Křivohlavý, J.: Psychologie moudrosti a dobrého života, Praha, Grada, 2012
Křivohlavý, J.: Psychologie pocitu štěstí, Grada, 2013
McAdams, D. P., The Person, New York, 2002

Seligman, M. E. P., & Csikszentmihalyi, M. (Eds.). (2000). Positive psychology [Special issue] American Psychologist, 55(1).
Říčan, P.: Psychologie náboženství a spirituality, Praha, Portál, 2007
Slezáčková, A.:Pruvodce pozitivní psychologií, Praha, Grada, 2012

Course language:

Notes:

Course assessment
Total number of assessed students: 222

A	B	C	D	E	FX
98.2	0.9	0.45	0.0	0.45	0.0

Provides: Mgr. Jozef Benka, PhD. et PhD.

Date of last modification: 18.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ PFON/12	**Course name:** Practical Phonetics
Course type, scope and the method: **Course type:** Lecture / Practice **Recommended course-load (hours):** **Per week:** 1 / 1 **Per study period:** 14 / 14 **Course method:** present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisities:	
Conditions for course completion: examination (S)	
Learning outcomes: Learning of basic phonetic terms from the German language and their practical implementation	
Brief outline of the course: - Definition of terms phonetics and phonology - System of vowels and consonants in German and their comparison with Slovak - Connection of phonemes - Phonemes in German (place and manner of articulation, assimilation) - Phonetic transcription - Relations between phonemes and graphemes - Syllable - Suprasegmental phenomena (word and sentence accent, pause, intonation) - Phonological and stylistic levels of the German language	
Recommended literature: CAUNEAU, I.: Hören – Brummen – Sprechen. München 1992. DUDEN. Das Aussprachewörterbuch. 4. Auflage. Mannheim 2000. HIRSCHFELD, U. – STOCK, E.: Phonothek interaktiv. Das Phonetik-programm für DaF (CD-ROM). München 2000. Einführung in die Phonetik und Phonologie der deutschen Aussprache. Handout zur Lehrveranstaltung. Jena 2004. FREY, E.: Kursbuch Phonetik. Ismaning 2005. KAUZNER, U. A.: Aussprachekurs Deutsch. Heidelberg 1997. KOHLER, K. J.: Einführung in die Phonetik des Deutschen. Berlin 1995. RAUSCH, R. – RAUSCH, I.: Deutsche Phonetik für Ausländer. München 1991. STOCK, E. – HIRSCHFELD, U. (Hrsg.): Phonothek. Deutsch als Fremdsprache. Arbeitsbuch. Leipzig- Berlin-München 1996.	
Course language: German	

Notes:

Course assessment
Total number of assessed students: 276

A	B	C	D	E	FX
19.93	18.12	25.0	19.57	11.59	5.8

Provides: doc. PhDr. Anna Džambová, PhD.

Date of last modification: 21.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PRP2/15	**Course name:** Principles of computers
Course type, scope and the method: **Course type:** Lecture / Practice **Recommended course-load (hours):** **Per week:** 2 / 1 **Per study period:** 28 / 14 **Course method:** present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 2.	
Course level: I.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes: - Know brief history of computer, classification and construction principles of computers of von Neumann type. - Understand relation between real numbers, integers and their binary representation as well as be able to perform basic arithmetic and logic operations over binary represented numbers. - Learn basics about logic gates, combination and sequence circuits and their structure. Understand principles of how basic circuits realize arithmetic-logic unit and other parts of computers e.g. memory. - Know principles of communication of processor and other devices via interruptions and direct memory access. - Get idea of device drivers, device controllers and their functionality.	
Brief outline of the course: Brief outline of the course: - computers of von Neumann type, - history of computers, - binary encoding of real numbers and integers, - realization of computers parts by sequence and combination circuits, - principles of various memory cells and memory matrices, - types of memories, - architecture of processor on levels of digital logic, machine cycle, instruction cycle, - input and output devices, - principles of interruptions, - direct memory access, - device drivers, - device controllers, - peripheral devices.	
Recommended literature: 1. W. Stallings: Computer Organization and Architecture, Prentice Hall, 2002	

Course language:

Notes:

Course assessment
Total number of assessed students: 222

A	B	C	D	E	FX
26.58	14.41	15.77	13.06	24.32	5.86

Provides: RNDr. Juraj Šebej, PhD.

Date of last modification: 13.01.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PBS/15	**Course name:** Pro-seminar to bachelor thesis
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 1 **Per study period:** 14 **Course method:** present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 289

abs	n
93.77	6.23

Provides: RNDr. Ľubomír Antoni, PhD.
Date of last modification: 26.01.2021
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/OPX/15	**Course name:** Professional Practice

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: Per study period: 10d
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 2., 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: 7

A	B	C	D	E	FX
100.0	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., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ SPP1a/15	**Course name:** Programming environments in schools I

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities: ÚINF/PAZ1a/15

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 23

A	B	C	D	E	FX
8.7	21.74	43.48	8.7	13.04	4.35

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

Date of last modification: 02.03.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ SPP1b/15	**Course name:** Programming environments in schools II

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 2 **Per study period:** 28 / 28
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 6.

Course level: I.

Prerequisities: ÚINF/SPP1a/15

Conditions for course completion:
Creation of educational software in selected educational 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. Ability to design and program educational software in educational programming environments.

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 environments - Scratch, App Inventor, MakeCode, MicroPython. Development of educational software.

Recommended literature:
BELL, Charles A., 2017. Micropython for the internet of things: a beginner's guide to programming with Python on microcontrollers. New York, NY: Springer Science+Business Media. ISBN 9781484231227.
WOLBER, David, 2014. App inventor. Brno: Computer Press. ISBN 978-80-251-4195-3.
Programování pro děti: naučte se programovat při tvorbě skvělých her, 2013. Brno: Computer Press. ISBN 978-80-251-3809-0.

Course language:
Slovak or english

Notes:

Course assessment
Total number of assessed students: 17

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

Provides: doc. RNDr. Ľubomír Šnajder, PhD.

Date of last modification: 10.02.2021

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

COURSE INFORMATION LETTER

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

Course assessment
Total number of assessed students: 49

A	B	C	D	E	FX
53.06	22.45	12.24	2.04	0.0	10.2

Provides: RNDr. Zuzana Bednárová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/PSW1/06	**Course name:** Programming of web-pages

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: (ÚINF/DBS1a/15 and leboÚINF/DBS/15),ÚINF/PAZ1a/15

Conditions for course completion:

Learning outcomes:
Acquire overview about modern technologies to make dynamic web pages. Be able to make web pages with cascading styles according to W3C standards. Use technologies on server side (PHP) and on client side (JavaScript). Understand relational databases (MySQL). Understand web applications security risks and know how to eliminate them.

Brief outline of the course:
Principle of making web pages. HTML language, W3C standards. Optimization of work, cascading styles. Tools for creating the web. Programming in JavaScript. Simple scripts for dynamic web pages. Programming on server side, script language PHP. Application based on PHP. Work with MySQL database. Conjunction of used technologies. Selected problems resolvable by technologies on server side and on client side.

Recommended literature:
GILMORE, W. Jason. Beginning PHP and MySQL: from novice to professional. 4th ed. New York: Apress, 2010. ISBN 978-143-0231-141.
KOSEK, Jiří. PHP - tvorba interaktivních internetových aplikací: podrobný průvodce. Vyd. 1. Praha: Grada, 1999, 490 s. Průvodce (Grada). ISBN 80-716-9373-1.
SUEHRING, Steve a Janet VALADE. PHP, MySQL, JavaScript. Vyd. 1. Brno: Computer Press, 2006, xxiv, 692 pages. --For dummies. ISBN 978-1-118-21370-4.
HUSEBY, Sverre H. Zranitelný kód. Brno: Computer Press, 2006, 207 s. ISBN 80-251-1180-6.
THE OWASP FOUNDATION. OWASP [online]. 2014 [cit. 2014-02-26]. Dostupné z: https://www.owasp.org/index.php/Main_Page

Course language:
slovak

Notes:

Course assessment
Total number of assessed students: 12

abs	n	neabs	z
66.67	33.33	0.0	0.0

Provides: PaedDr. Ján Guniš, PhD.

Date of last modification: 27.03.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ PAZ1a/15	**Course name:** Programming, algorithms, and complexity

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 3 / 4 **Per study period:** 42 / 56
Course method: present

Number of ECTS credits: 8

Recommended semester/trimester of the course: 1.

Course level: I., II.

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: 717

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

Provides: RNDr. Juraj Šebej, PhD., RNDr. Zuzana Bednárová, PhD., RNDr. Miroslav Opiela, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ PAZ1b/15	**Course name:** Programming, algorithms, and complexity
Course type, scope and the method: **Course type:** Lecture / Practice **Recommended course-load (hours):** **Per week:** 2 / 4 **Per study period:** 28 / 56 **Course method:** present	
Number of ECTS credits: 7	
Recommended semester/trimester of the course: 2.	
Course level: I., II.	
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, O-notation. 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: 1191

A	B	C	D	E	FX
13.1	7.14	9.82	19.4	21.91	28.63

Provides: RNDr. Zuzana Bednárová, PhD., RNDr. Juraj Šebej, PhD., RNDr. Miroslav Opiela, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/SMEDT/12	**Course name:** Project Seminar - Media Production

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

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

A	B	C	D	E	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., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/PROJ/12	**Course name:** Project Seminar in Linguistics

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 1., 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: 1

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

Provides: doc. PhDr. Anna Džambová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ PROLK/12	**Course name:** Project Seminar in Literature and Culture

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

A	B	C	D	E	FX
46.67	33.33	6.67	13.33	0.0	0.0

Provides: PaedDr. Ingrid Puchalová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPPaPZ/Ps/15	**Course name:** Psychology

Course type, scope and the method:
Course type: Lecture
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 516

A	B	C	D	E	FX
22.87	16.09	21.71	18.6	17.83	2.91

Provides: PhDr. Anna Janovská, PhD., Mgr. Jozef Benka, PhD. et PhD.

Date of last modification: 10.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPPaPZ/PKŽ/15	**Course name:** Psychology of Everyday Life

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 164

A	B	C	D	E	FX
51.22	14.02	25.61	6.71	1.83	0.61

Provides: Mgr. Ondrej Kalina, PhD.

Date of last modification: 10.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPE/ OLŠ/15	**Course name:** School Administration and Legislation

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 234

A	B	C	D	E	FX
44.44	26.92	17.09	7.69	2.99	0.85

Provides: PaedDr. Renáta Orosová, PhD.

Date of last modification: 12.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚTVŠ/ÚTVŠ/CM/13 | **Course name:** Seaside Aerobic Exercise

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: Per study period: 36s
Course method: combined, present

Number of ECTS credits: 2

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

Course level: I., II.

Prerequisities:

Conditions for course completion:
Conditions for course completion:
Attendance

Learning outcomes:
Learning outcomes:
Students will be provided an overview of possibilities how to spend leisure time in seaside conditions actively and their skills in work and communication with clients will be improved. Students will acquire practical experience in organising the cultural and art-oriented events, with the aim to improve the stay and to create positive experiences for visitors.

Brief outline of the course:
Brief outline of the course:
1. Basics of seaside aerobics
2. Morning exercises
3. Pilates and its application in seaside conditions
4. Exercises for the spine
5. Yoga basics
6. Sport as a part of leisure time
7. Application of projects of productive spending of leisure time for different age and social groups (children, young people, elderly)
8. Application of seaside cultural and art-oriented activities in leisure time

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 41

abs	n
12.2	87.8

Provides: Mgr. Agata Horbacz, PhD.
Date of last modification: 15.03.2019
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KF/ VKFV/07	**Course name:** Selected Topics in Philosophy of Education (General Introduction)
Course type, scope and the method: **Course type:** **Recommended course-load (hours):** **Per week: Per study period:** **Course method:** present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3., 5.	
Course level: I.	
Prerequisities: KF/DF1/05	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

Provides: doc. PhDr. Pavol Tholt, PhD., mim. prof.
Date of last modification:
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ BSI1a/15	**Course name:** Seminar in informatics

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

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: 215

A	B	C	D	E	FX
21.4	18.6	24.19	17.21	16.74	1.86

Provides: RNDr. Zuzana Bednárová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/BSI1b/15	**Course name:** Seminar in informatics

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 6.

Course level: I.

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: 127

A	B	C	D	E	FX
26.77	21.26	25.98	14.96	9.45	1.57

Provides: RNDr. Zuzana Bednárová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPO/ SPKVV/15	**Course name:** Social and Political Context of Education

Course type, scope and the method:
Course type: Lecture
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 19

A	B	C	D	E	FX
42.11	0.0	26.32	26.32	5.26	0.0

Provides: Mgr. Ján Ruman, PhD.

Date of last modification: 15.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/SWI1a/15	**Course name:** Software engineering

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: ÚINF/DBS1a/15 and leboÚINF/DBdi/15

Conditions for course completion:

Learning outcomes:
To provide information concerning the principal activities related to the development of software products.

Brief outline of the course:
System, subsystem, software system. Software processes. Introduction to project management. Requirements gathering. Software modelilng. Software architectures. Software development methodologies. Verification and validation. Resource management.

Recommended literature:
1. BERKUN, S. The Art Of Project Management. O Reilly, 2005.
2. BJORNER, D. Software engineering 1,2,3. Springer-Verlag Berlin, 2006.
3. SOMMERVILLE, I. Software Engineering. Addison-Wesley, 2007.

Course language:

Notes:

Course assessment
Total number of assessed students: 294

A	B	C	D	E	FX
18.03	20.75	20.41	18.37	21.09	1.36

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

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚTVŠ/ TVa/11	**Course name:** Sports Activities I.
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** combined, present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1., 3., 5., 7.	
Course level: I., I.II., II.	
Prerequisities:	
Conditions for course completion: Conditions for course completion: Min. 80% of active participation in classes.	
Learning outcomes: Learning outcomes: Increasing physical condition and performance within individual sports. Strengthening the relationship of students to the selected sports activity and its continual improvement.	
Brief outline of the course: Brief outline of the course: Within the optional subject, the Institute of Physical Education and Sports of Pavol Jozef Šafárik University provides for students the following sports activities: aerobics, basketball, badminton, floorball, yoga, pilates, swimming, body-building, indoor football, self-defence and karate, table tennis, sports for unfit persons, streetball, tennis, and volleyball. In the first two semesters of the first level of education students will master basic characteristics and particularities of individual sports, motor skills, game activities, they will improve level of their physical condition, coordination abilities, physical performance, and motor performance fitness. Last but not least, the important role of sports activities is to eliminate swimming illiteracy and by means of a special program of medical physical education to influence and mitigate unfitness. In addition to these sports, the Institute offers for those who are interested winter and summer physical education trainings with an attractive program and organises various competitions, either at the premises of the faculty or University or competitions with national or international participation.	
Recommended literature:	
Course language:	
Notes:	

Course assessment

Total number of assessed students: 14050

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
88.48	0.07	0.0	0.0	0.0	0.04	7.51	3.9

Provides: Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD.

Date of last modification: 18.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚTVŠ/ TVb/11	**Course name:** Sports Activities II.
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** combined, present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2., 4., 6.	
Course level: I., I.II., II.	
Prerequisities:	
Conditions for course completion: Conditions for course completion: Final assessment and active participation in classes - min. 75%.	
Learning outcomes: Learning outcomes: Increasing physical condition and performance within individual sports. Strengthening the relationship of students to the selected sports activity and its continual improvement.	
Brief outline of the course: Brief outline of the course: Within the optional subject, the Institute of Physical Education and Sports of Pavol Jozef Šafárik University provides for students the following sports activities: aerobics, basketball, badminton, floorball, yoga, pilates, swimming, body-building, indoor football, self-defence and karate, table tennis, sports for unfit persons, streetball, tennis, and volleyball. In the first two semesters of the first level of education students will master basic characteristics and particularities of individual sports, motor skills, game activities, they will improve level of their physical condition, coordination abilities, physical performance, and motor performance fitness. Last but not least, the important role of sports activities is to eliminate swimming illiteracy and by means of a special program of medical physical education to influence and mitigate unfitness. In addition to these sports, the Institute offers for those who are interested winter and summer physical education trainings with an attractive program and organises various competitions, either at the premises of the faculty or University or competitions with national or international participation.	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 11330

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.75	0.56	0.02	0.0	0.0	0.05	9.87	3.75

Provides: Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD.

Date of last modification: 18.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ SXM1/15	**Course name:** Structure formats and representation of data

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities:

Conditions for course completion:
Evaluation of partial assignments within larger project.
Evaluation of multiple assignments corresponding to learning blocks.

Learning outcomes:
Become acknowledged with theoretical concepts and methodologies with structured and semistructured data. Acquire programming skills with implementations of these concepts.

Brief outline of the course:
Representation of semi-structured data in XML, valid and well-formed XML document. XML parsers: DOM, SAX, StAX. Java API of XML parsers. Schemas for XML documents: DTD, XML Schema. Addressing in XML: XPath. Transformations of XML documents: XSLT. Other formats for semistructured data: JSON, YAML. API for data binding in Java: Jackson (JSON), SnakeYAML (YAML), JAXB (XML).

Recommended literature:
1. Eliotte "Rusty" Harold. XML Bible, Gold Edition. Wiley, 2001. ISBN 978-0764548192.
2. Grigoris Antoniou, Frank Van Harmelen. A Semantic Web Primer, Second Edition. MIT Press, 2008. ISBN 978-0262012423.
3. Michaek Kay. XSLT 2.0 Programmer's Reference, 3rd Edition. Wrox, 2004. ISBN: 978-076456909.

Course language:

Notes:

Course assessment
Total number of assessed students: 73

A	B	C	D	E	FX
32.88	21.92	20.55	13.7	10.96	0.0

Provides: Mgr. Alexander Szabari, PhD.

Date of last modification: 01.06.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚMV/ DGS/15	**Course name:** Students` Digital Literacy

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:
continuous assessment and final project

Learning outcomes:
To acquire an overview of the current possibilities of digital technology to develop skills and competencies with emphasis on the area of communication, social interaction and personal. To acquire basic digital skills for working with advanced technologies (mobile phone, tablet, laptop, social media, online webtechnologies). To understand the value of existing advanced technologies for better and more effective learning, work and active life in higher education, lifelong learning and further career prospects.

Brief outline of the course:
Introduction to the problems of current, commonly available digital technology. Tools for access to online information source (mobile applications for access to information systems, databases, data books). Tools for collecting, generating direct information and data and its subsequent analysis and visualization. Tools for providing and sharing of electronic content (cloud technology - Google Drive, Youtube, Google+, Skydrive, Dropbox). Tools for communication, discussion and collaborative activities. Legal work with digital technologies and resources, plagiarism, critical evaluation of digital resources. Security, privacy, digital ethics and etiquette, digital citizenship.

Recommended literature:
1. Bruff, D. (2009). Teaching with classroom response systems: Creating active learning environments. San Francisco: Jossey-Bass.
2. Byrne, R. (2012). Google Drive and Docs for Teachers. Free Tech for Teachers.
3. Kawasaki, G. (2012). What the Plus! Google+ for the Rest of Us. Amazon igital Services.
4. Kolb, L. (2011). Cell Phones in the Classroom: A Practical Guide for Educators. International Society for Technology in Education.

Course language:
Slovak

Notes:

Course assessment Total number of assessed students: 248	
abs	n
95.97	4.03
Provides: doc. RNDr. Stanislav Lukáč, PhD., doc. RNDr. Jozef Hanč, PhD., doc. RNDr. Ľubomír Šnajder, PhD.	
Date of last modification: 03.05.2015	
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ŠTL/12	**Course name:** Stylistics and Text Linguistics

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 1 / 1 **Per study period:** 14 / 14
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 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: 155

A	B	C	D	E	FX
8.39	23.87	31.61	22.58	12.26	1.29

Provides: Dr. rer. pol. Michaela Kováčová

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

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

Course assessment Total number of assessed students: 153	
abs	n
45.75	54.25
Provides: Mgr. Dávid Kaško, PhD.	
Date of last modification: 18.03.2019	
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.	

COURSE INFORMATION LETTER

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

Course assessment Total number of assessed students: 393	
abs	n
44.53	55.47
Provides: MUDr. Peter Dombrovský, Mgr. Marek Valanský	
Date of last modification: 15.03.2019	
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: ÚINF/ SLO1a/15	**Course name:** Symbolic logic

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 1 **Per study period:** 28 / 14
Course method: present

Number of ECTS credits: 5

Recommended semester/trimester of the course: 6.

Course level: I., II.

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: 394

A	B	C	D	E	FX
24.87	9.9	12.44	11.68	27.92	13.2

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

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/OP/12	**Course name:** Technical Translation

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:
ARNTZ, R. – PICHT, H. – MAYER, F.: Einführung in die Terminologiearbeit. Hildesheim, Zürich, New York 2000.
KOLLER, W.: Einführung in die Übersetzungswissenschaft. Tübingen 2011.
MASÁR, I.: Príručka slovenskej terminológie. Bratislava 1991.
ROELCKE, T.: Fachsprachen. Berlin 2010.

Course language:
German language

Notes:

Course assessment
Total number of assessed students: 8

A	B	C	D	E	FX
62.5	37.5	0.0	0.0	0.0	0.0

Provides: Mgr. Ulrika Strömplová, PhD.

Date of last modification: 14.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ TPH/13	**Course name:** Terminology of Business Economics and Translation - German Language

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

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

Course level: I.

Prerequisities:

Conditions for course completion:
assessment (H)

Learning outcomes:
- training and fixation of terminological databases in the translatologically relevant texts and exercises in the respective functional style
- application of terminological and terminographic principles in translation of business economics
- identification and solving of translation problems connected with the respective specialization
- learning and automation of practical skills in translation of specific types of specialized texts

Brief outline of the course:
- descriptive and prescriptive work with terminology of the respective specialization, taking into account its translation potential (features of terms, terminological standards, procedures in formation of terms, terminology administration tools etc.)
- specific problems of translation of specialized terms
- pragmatic and functional analysis of specialized texts and their translations
- text typology and text conventions of the respective specialized messages
- text typology and text conventions of the respective technical messages
- translation typology, specific translation procedures, methods and strategies, translation process
- bidirectional translation of authentic and didactically processed specialized texts from the following areas: enterprise (type, functions, management, marketing, organization), enterprise funding, procurement, production, sales, entrepreneurial forms, mergers and acquisitions, corporate culture, etc.
- evaluation and criticism of translation in the respective specialization
- acquiring of competence to create and use the translation aids correctly

Recommended literature:
Arntz, R. – Picht, H. – Mayer, F.: Einführung in die Terminologiearbeit. Hildesheim, Zürich, New York: Olms, 2002.
Flochová, E. – Kočišová, Z.: Wirtschaftsdeutsch im Handel. Bratislava: Vydavateľstvo Ekonóm, 2009.
Koller, W.: Einführung in die Übersetzungswissenschaft. Tübingen: A. Francke, 2011.
Masár, I.: Príručka slovenskej terminológie. Bratislava: VEDA, 1991.

Ondrčková, E. – Lišková, D.: Einführung in die Wirtschaftssprache. Bratislava: Sprint, 2010.
Schierenbeck, H.: Grundzüge der Betriebswirtschaftslehre. 16. Auflage. München: Oldenbourg Wissenschaftsverlag, 2008.
Stolze, R.: Fachübersetzung. Tübingen: Narr, 1999.
Voss, R.: BWL kompakt: Grundwissen Betriebswirtschaftslehre. Merkur Verlag, 2010.
Wobbermin, M.: BWL im Überblick: Prüfungswissen in Zusammenfassungen und Grafiken. Schäffer-Poeschl, 2005.
Wöhe, G. –Döring, U.: Einführung in die Allgemeine Betriebswirtschaftslehre. 24. Aufl. München: Vahlen, 2010.

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 34

A	B	C	D	E	FX
26.47	35.29	20.59	11.76	5.88	0.0

Provides: Mgr. Blanka Jenčíková

Date of last modification: 14.03.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ TOP/13	**Course name:** Terminology of Business Law and Translation - German Language

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:
Assessment (H)

Learning outcomes:
The aim of the course is to deepen the knowledge of terminology of business law and to acquire translation competences in this specific area.

Brief outline of the course:
- Business law, enterpreneuring, entrepreneur, Business Register.
- Companies: general partnership, limited partnership, limited liability company, joint-stock company, co-operative, trade license
- Bankruptcy, arbitration
- Contracts and agreements: sales contract, contract for work, contract of sale of business, direct and indirect agency agreement, contract on custody of object, contract of storage, audit agreement, license agreement on industrial property items, loan agreement, agency agreements.

Recommended literature:
LIŠKOVÁ, D.: Wirtschaftsdeutsch im Bankwesen. Bratislava, SPRINT, 2004.
ONDRČKOVÁ, E., LIŠKOVÁ, D.: Wirtschaftsdeutsch im Unternehmen, SPRINT, 2003.
Vzorová účtovná závierka. Iura Edition,spol. s r.o./KPMG, 2008.
Commercial Code of the Slovak Republic
Handelsgesetzbuch der BRD

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 30

A	B	C	D	E	FX
30.0	20.0	20.0	16.67	13.33	0.0

Provides: Mgr. Blanka Jenčíková

Date of last modification: 14.03.2019
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ TROPE/13	**Course name:** Terminology of Civil Law and Translation - German Language

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

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

Course level: I.

Prerequisities:

Conditions for course completion:
Assessment

Learning outcomes:
The aim of the course is to deepen the knowledge of terminology of civil law and to acquire translation competence in this specific area.

Brief outline of the course:
Judiciary, concept, subject of and parties to civil proceedings, civil proceedings principles, procedural conditions, evidence taking, judicial decisions, cost of proceedings, judicial remedies - appeal, motion, extraordinary motion, reopening of proceedings.
- Distraint procedure and execution of decision, bankruptcy and restructuring
- Out-of-court dispute resolution, arbitration, mediation
- Title, right in rem, right of succession, contract law, obligations arising from legal acts

Recommended literature:
Horálková, M., Linhartová, H., Henkel, B.: Nemčina pro právniky.Vydavatelství a nakladatelstvi Aleš Čeňek, Plzeň. 2006
Občianský zákonnik SR
Bürgerliches Gesetzbuch

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 36

A	B	C	D	E	FX
13.89	11.11	22.22	13.89	22.22	16.67

Provides: Mgr. Blanka Jenčíková

Date of last modification: 08.04.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/TVF/13	**Course name:** Terminology of Financial Institutions and Operations and Translation - German Language

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

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

Course level: I.

Prerequisities:

Conditions for course completion:
Assessment

Learning outcomes:
The aim of the course is to deepen the knowledge of terminology of financial institutions and to acquire translation competence in this specific area.

Brief outline of the course:
Public finance, public finance system, public finance function, public finance structure.
Fiscal policy and fiscal policy instruments.
Public revenues and expenses, budget
Insurance, social and health insurance

Recommended literature:
Lišková, D.: Wirtschaftsdeutsch im Bankwesen. Bratislava, SPRINT, 2004.
Sivák, R. a kol. 2007. Verejné financie. Bratislava : Iura Edition, 2007.
Blankart, Ch.B.: Öffentliche Finanzen in der Demokratie. Verlag Franz Vahlen, München 1991.
Act on Health Insurance
Act on Social Insurance
Act on State Budget
Haushaltsgesetz
Sozialversicherungsgesetz
Gesundheitsversicherungsgesetz

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 36

A	B	C	D	E	FX
19.44	27.78	13.89	16.67	11.11	11.11

Provides: Mgr. Blanka Jenčíková
Date of last modification: 14.03.2019
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ TMM/13	**Course name:** Terminology of Microeconomics and Macroeconomics and Translation - German Language

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 3

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

Course level: I.

Prerequisities:

Conditions for course completion:
assessment (H)

Learning outcomes:
- training and fixation of terminological databases in the translatologically-relevant texts and exercises in the respective functional style
- application of terminological and terminographic principles in translation of micro-and marcroeconomics terminology
- identification and solving of translation problems connected with the respective specialization
- learning and automation of practical skills in translation of specific types of specialized texts

Brief outline of the course:
- descriptive and prescriptive work with terminology of the respective specialization, taking into account its translation potential (features of terms, terminological standards, procedures in formation of terms, terminology administration tools etc.)
- specific problems of translation of specialized terms
- pragmatic and functional analysis of specialized texts and their translations
- text typology and text conventions of the respective specialized messages
- translation typology, specific translation procedures, methods and strategies, translation process
- bidirectional translation of authentic and didactically processed specialized texts from the following areas: economics, market (players, products, services, etc.), labour market, money market, enterprise, marketing, product policy, pricing, distribution policy, communication policy, etc.
- evaluation and criticism of non-literary translation in the respective specialization
- acquiring of ability to create and use the translation aids correctly

Recommended literature:
Arntz, R. – Picht, H. – Mayer, F.: Einführung in die Terminologiearbeit. Hildesheim, Zürich, New York, Olms: 2002.
Blanchard, I.: Makroökonomie. 5. Auflage. München: Pearson Studium, 2009.
Feess, E.: Mikroökonomie. Eine spieltheoretisch- und anwendungsorientierte Einführung. Marburg: Metropolis, 2004/3.
Koller, W.: Einführung in die Übersetzungswissenschaft. Tübingen: A. Francke 2011.

Masár, I.: Príručka slovenskej terminológie. Bratislava: VEDA, 1991.
Mussel, G.: Einführung in die Makroökonomie. 9. Auflage. München: Vahlen, 2007.
Ondrčková, E. – Lišková, D.: Einführung in die Wirtschaftssprache. Bratislava: Sprint, 2010.
Stolze, R.: Fachübersetzung, Tübingen: Narr, 1999.
Varian, Hal R.: Grundzüge der Mikroökonomik. München: Oldenbourg, 2011/8.

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 49

A	B	C	D	E	FX
22.45	22.45	16.33	16.33	10.2	12.24

Provides: Mgr. Blanka Jenčíková

Date of last modification: 08.04.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: KGER/ SYN/12	**Course name:** The Syntax of German

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 1 / 1 **Per study period:** 14 / 14
Course method: present

Number of ECTS credits: 3

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities:

Conditions for course completion:
participation in seminars, regular preparation for seminars; final exam (summary exam from morphology and syntax of the German language) consists of written test verifying the theoretical and practical knowledge

Learning outcomes:
Students can, both in individual sentences and in longer texts, explain position of constituents in different types of German sentences and are familiar with specific features of compound sentences in the German language, with particular attention paid to subordinate clauses. After completing the course, students can analyse German individual sentences and sentences in longer texts in terms of traditional and dependency syntax.

Brief outline of the course:
- sentence (definitions, constituents, word order)
- modifier (syntactic and semantic description)
- types of sentences in German
- sentence models
- compound sentences in German language (general principles, coordination and subordination types):
- subordinate sentences (frequent types of subordinate sentences – relative clauses, clauses of purpose, clauses of reason, temporal clauses etc.)
- infinite and participle structures
Interpretations and analyses are based on both traditional and dependency syntax.

Recommended literature:
EISENBERG, P. : Der Satz (Bd.2) – Grundriss der deutschen Grammatik. Stuttgart 2006.
ENGEL, U. : Syntax der deutschen Gegenwartssprache. Berlin 1994.
HALL, K. – SCHEINER, B. : Übungsgrammatik für Fortgeschrittene. Ismaning 2001.
HELBIG, G. – BUSCHA, J. : Deutsche Grammatik. Berlin 2007.
HELBIG, G. – BUSCHA, J. : Leitfaden der deutschen Grammatik. Berlin, München 2000.
HELBIG, G. – BUSCHA, J. : Übungsgrammatik Deutsch. Berlin, München 2008.
PITTNER, K. – BERMAN, J. : Deutsche Syntax. Tübingen 2004.
Zielinski, W.-D. : ABC der deutschen Nebensätze : Einführung und Übungen. Ismaning1994.

Course language:
German

Notes:

Course assessment
Total number of assessed students: 300

A	B	C	D	E	FX
16.67	21.33	26.67	16.33	13.0	6.0

Provides: doc. PhDr. Anna Džambová, PhD.

Date of last modification: 08.04.2019

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KPE/ TVE/08	**Course name:** Theory of Education

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

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

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 431

A	B	C	D	E	FX
31.09	35.5	22.51	6.73	1.62	2.55

Provides: Mgr. Katarína Petríková, PhD.

Date of last modification: 12.02.2021

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ TTTN/15	**Course name:** Theory of Translatology and Terminology

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 1 / 1 **Per study period:** 14 / 14
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 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: 22

A	B	C	D	E	FX
27.27	45.45	18.18	9.09	0.0	0.0

Provides: doc. Mgr. Renáta Panocová, PhD.

Date of last modification: 09.02.2020

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Arts

Course ID: KGER/ SPNOT/09	**Course name:** Translation Specifics of German Specialised Texts

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 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: 117

A	B	C	D	E	FX
46.15	14.53	22.22	14.53	2.56	0.0

Provides: Mgr. Ulrika Strömplová, PhD.

Date of last modification: 03.05.2015

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Arts	
Course ID: ÚINF/ TYS1/15	**Course name:** Typographical systems
Course type, scope and the method: **Course type:** Practice **Recommended course-load (hours):** **Per week:** 2 **Per study period:** 28 **Course method:** present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 6.	
Course level: I.	
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: 1. D. E. Knuth, The TeXbook, Computers and Typesetting, Addison-Wesley, Reading, Massachusetts, 1986. 2. M. Doob, Jemný úvod do TeXu, CSTUG, 1990; èeský preklad z "A Gentle Introduction to TeX" (text vo¾ne prístupný v CTAN archíve). 3. O. Ulrych, AMS-TeX za 59 minút, (verzia 1.0), Praha, 1989. 4. J. Chlebíková, AMS-TeX (verzia 2.0), Bratislava, 1992. 5. M. Spivak, The Joy of TeX, Amer. Math. Soc., 1986. 6. L. Lamport, LaTeX: A Document Preparation System, Addison-Wesley, Massachusetts, 1986. 7. L. Lamport, MakeIndex: An index processor for LaTeX, 17 February 1987. 8. J. Rybièka, LaTeX pro začátečníky, Konvoj, Brno, 1995. 9. H. Partl, E. Schlegl, I. Hyna, P. Sýkora, LaTeX – Stručný popis. 10. T. Oetiker, H. Partl, I. Hyna, E. Schlegl, M. Kocer, P. Sýkora, Ne příliš stručný úvod do systému LaTeX2e (neboli LaTeX2e v 73 minutách). 11. M. Goossens, F. Mittelbach, and A. Samarin, The LaTeX Companion, Addison-Wesley, Reading, Massachusetts, 1994. Kapitola 8 je volne prístupná v TeX archívoch (ch8.pdf). 4 12. G. Grätzer, Math into LaTeX, 3rd edition, Birkhäuser, Boston, 2000.	
Course language: Slovak or english	

Notes:					
Course assessment Total number of assessed students: 246					
A	B	C	D	E	FX
47.97	18.29	19.51	6.5	6.91	0.81
Provides: prof. RNDr. Stanislav Krajči, PhD.					
Date of last modification: 10.02.2021					
Approved: doc. PhDr. Anna Džambová, PhD., prof. RNDr. Stanislav Krajči, PhD.					