CONTENT

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚINF/ ADL1/15	**Course name:** Administration of GNU/Linux

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/AOS1/15 and leboÚINF/ZOS1/19

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 0

abs	n	neabs	z
0.0	0.0	0.0	0.0

Provides: RNDr. PhDr. Peter Pisarčík

Date of last modification: 03.05.2015

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Public Administration

Course ID: ÚINF/ ADW1/15	**Course name:** Administration of Windows

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: (ÚINF/OSY1/15,ÚINF/AOS1/15) and leboÚINF/ZOS1/19

Conditions for course completion:
 Practics activity, home assignment, test.
 Final test.

Learning outcomes:
 Deep insight into system concepts and components of operating system Windows along with the practical techniques concerning with configuration and management corresponding to the professional administrator level. Completing the course allows to become oriented and experienced in the Active Directory administration, net services configuration and management and in the virtualization concepts.

Brief outline of the course:
 Active Directory infrastructure and its management and configuration. Zone configuration, DNS setup, replication. Trust configuration. Roles and services. Account management, group policy, auditing. Certification authority and management. Network configuration and network services. DHCP, routing, firewall, remote access configuration. Monitoring and security breach handling. Licences for multiple remote access. Website configuration and management. FTP and mail server configuration. Data Storage configuration, filesystems and backup, network services. Installing and configuring devices, monitoring system health and settings. System log. Creating system images and image recovery. Installing and activating distribution. Virtualization support, installing and configuring virtual machines. Configuring access to network, memory and disk resources. Clustering.

Recommended literature:
 1. J. C. Mackin, T. Northrup: MCTS self-paced training kit (exam 70-642) : configuring Windows server 2008 network infrastructure, Microsoft Press, 2008, ISBN 0-7356-2512-3.
 2. S. Reimer, M. Mulcare, C. Kezema, B. Wright: Windows server 2008 Active Directory resource kit, Microsoft Press, 2008, ISBN 0-7356-2515-8.
 3. D. Holme: Windows administration resource kit: productivity solutions for IT professionals, Microsoft Press, 2008, ISBN 0-7356-2431-3.

Course language:

Notes:

Course assessment			
Total number of assessed students: 0			
abs	n	neabs	z
0.0	0.0	0.0	0.0

Provides: PaedDr. Ján Guniš, PhD.

Date of last modification: 03.05.2015

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KVPD/ SPH1-IS-d/19	**Course name:** Administrative Law I.

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

Number of ECTS credits: 5

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: doc. JUDr. Peter Molitoris, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KVPD/ SPH2-IS-d/19	**Course name:** Administrative Law 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: 6.

Course level: I.

Prerequisities: KVPD/SPH1-IS-d/19

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. JUDr. Peter Molitoris, PhD., JUDr. Róbert Gyuri, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Public Administration

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: 2.

Course level: I.

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

Conditions for course completion:
At least 50 % of the marks in the continuous assessment
A minimum of 50 % marks in the mid-term and end-of-semester practical tests
or
The final project - 100%

Learning outcomes:
Implement solutions to selected problems in Python using available modules. Use and implement non-trivial algorithms to solve selected problems. Use an object-oriented approach to problem solving. Program in Python in an object-oriented manner using Python specifics. Test programs. Implement parallel computing.

Brief outline of the course:
1. Introduction to the environment, basic features of Python, simple and structured data types.
2. Input, output, function definition, lambda function, generator notation, function as parameter, string formatting.
3. Control structures, iterating over data structures, context manager.
4. Exception handling and exception raising. Philosophy of exceptions in Python.
5. Working with files. Serialization and deserialization of data - json and pickle protocol. Text and binary files. Manipulation with files. Open data.
6. Object-oriented programming 1. Design of custom classes, special methods, properties, philosophy of accessing methods and attributes.
7. Object-oriented programming 2. Comparison and differences with Java. Multiple inheritance.
8. Method overloading. Static methods, abstract classes, data class.
9. Decorators, memoization, modules, packages.
10. Code validation (debugging), testing (doctest, unittest), test-driven development.
11. Parallel computing, processes, process triggering and inter-process communication (shared variable, pipe, queue).
12. Graphical program design and implementation.

Recommended literature:
PILGRIM, Mark. Dive into Python 3. 2. United States of America: Apress, 2004. ISBN 978-1430224150. Dostupné také z: https://diveintopython3.net/

SHIPMAN, John W. Tkinter 8.5 reference: a GUI for Python. Socorro, NM 87801: New Mexico Tech Computer Center, 2013. Dostupné také z: https://anzeljg.github.io/rin2/book2/2405/docs/tkinter/tkinter.pdf
LOTT, Steven F. Mastering Object-oriented Python. Birmingham B3 2PB, UK: Packt Publishing, 2014. ISBN 978-1-78328-097-1.

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

Notes:

Course assessment
Total number of assessed students: 35

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

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

Date of last modification: 30.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration

Course ID: KVPD/ SBP-IS-d/19	**Course name:** Bachelor Thesis Seminar

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

Number of 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

abs	neabs
0.0	0.0

Provides: doc. JUDr. Mária Hencovská, CSc., doc. JUDr. Mgr. Michal Jesenko, PhD., JUDr. Martina Kantorová, PhD., doc. JUDr. Peter Molitoris, PhD., prof. JUDr. Igor Palúš, CSc., JUDr. Róbert Gyuri, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KVPaTVS/SBP-IS-d/19	**Course name:** Bachelor Thesis Seminar

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

Number of 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

abs	neabs
0.0	0.0

Provides: Mgr. Veronika Džatková, PhD., doc. Ing. Silvia Ručinská, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KSS/ SBP-IS-d/19	**Course name:** Bachelor Thesis Seminar

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

Number of 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

abs	neabs
0.0	0.0

Provides: doc. Mgr. Iveta Jeleňová, PhD., doc. Mgr. Gabriela Kravčáková, PhD., doc. PhDr. Lenka Lachytová, Ph.D., MBA, Mgr. Denisa Rovenská, PhD.

Date of last modification: 08.10.2020

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration

Course ID: KEaRVS/SBP-IS-d/19	**Course name:** Bachelor Thesis Seminar

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

Number of 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

abs	neabs
0.0	0.0

Provides: prof. Ing. Viktória Bobáková, CSc., doc. Ing. Anna Čepelová, PhD., Ing. Zuzana Hrabovská, PhD., PhDr. Darina Koreňová, PhD., Ing. Eva Mihaliková, PhD., Ing. Eva Výrostová, PhD.

Date of last modification: 30.09.2019

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: ÚINF/ ZOS1/19	**Course name:** Basics of operating 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.

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
0.0	0.0	0.0	100.0	0.0	0.0

Provides: RNDr. Juraj Šebej, PhD.

Date of last modification: 11.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚINF/ BEO1/19	**Course name:** Bezpečnosť elektronického obchodu

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.

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: doc. RNDr. Jozef Jirásek, PhD.

Date of last modification: 29.10.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration

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: 2.

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 55 points.

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

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

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

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

Course language:

Notes:

Course assessment
Total number of assessed students: 791

A	B	C	D	E	FX
9.73	5.18	12.64	16.43	36.16	19.85

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

Date of last modification: 09.07.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KVPD/ ÚPRvSR-IS-d/20	**Course name:** Constitutional Law of SR

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: 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: 1

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

Provides: prof. JUDr. Ladislav Orosz, CSc., Mgr. Lukáš Ivančík

Date of last modification:

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

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:
 Written works during the semester, project.
 Written and oral exam.

Learning outcomes:
 Acquired basic concepts and techniques of relational database theory and corresponding software. Know the principles of relational databases and learn the basics of query language. Understand the formal foundations of database systems - three-valued logic, relational algebra. Be able to model and design DB, and the role of data warehouses.

Brief outline of the course:
 1) Relational databases. Query language SQL, filtering.
 2) Data types, operators, numerical, string and time functions.
 3) JOIN operations.
 4) AGGREGATION AND GROUP BY.
 5) Data and database models. Relational scheme. RDB principles. Data integrity.
 6) DB design, ER diagrams.
 7) System commands about DB and tables. Cascading deletion and update.
 8) Nested queries. ROLLUP. CASE expression.
 9) Three-valued logic. Quantifiers and NOT. Set operations.
 10) Data science and knowledge acquisition using R.
 11) Data warehouses. Data cube. Pivot table.
 12) Normalization of relational databases - 1. Relational algebra.

Recommended literature:
 C.J. Date, Database Design and Relational Theory, 2012, O'Reilly Media, Inc., ISBN: 978-1-449-32801-6
 J. Murach, Murach's MySQL, 3rd Edition, 2019, Mike Murach & Associates, Inc., ISBN-10: 1943872368
 - R. Ramakrishnan, J. Gehrke, Database Management Systems, 2020, McGraw-Hill, ISBN13 9780071231510
 - S. Krajčí: Databázové systémy, UPJŠ, 2005

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

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KVPaTVS/OBH-BP-IS/19	**Course name:** Defence of Bachelor Thesis

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

Number of ECTS credits: 13

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

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KSS/ OBH-BP-IS/19	**Course name:** Defence of Bachelor Thesis

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

Number of ECTS credits: 13

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

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KEaRVS/OBH-BP-IS/19	**Course name:** Defence of Bachelor Thesis

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

Number of ECTS credits: 13

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

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KVPD/ OBH-BP-IS/19	**Course name:** Defence of Bachelor Thesis

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

Number of ECTS credits: 13

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

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: ÚGE/ DMG/19	**Course name:** Demography

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: 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: 0

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

Provides: RNDr. Janetta Nestorová-Dická, PhD.

Date of last modification: 06.10.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Public Administration

Course ID: ÚINF/ DT1/19	Course name: Digital technologies for public administration I.

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: 4

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course: 1.-2. Basic terms: ICT, hardware and common devices, software and common applications, types of software licenses, log on/start and log off/shut down a computer. Work on the computer desktop using icons, windows, customize the basic settings of the operating system, create a simple document and print an output. Files and folders, their philosophy, create and work with hierarchical structure, file management, compression and file recovery. Basic concepts of computer networks, basics of access to them, protecting data and devices, malware. Health and green IT. 3.-6. Word processing. Create, save, close a document, and work with multiple documents at once. Paste, select, copy, move, delete and search for a specific group of data (text). Format fonts, paragraphs, and create patterns for editing text. Document formatting as a whole, paging, headers, footers, notes, spelling. Creation of tables, pictures and graphic objects in the document and work with them. Insert objects into a document and mail merge. Prepare document for printing, transformation of documents into another environment. 7.-10. Work with data tables. Create, save, close a table, and work with multiple tables, paste, select, copy, move, delete and retrieve the contents of a table cell. Use the autofill tool/copy handle tool to copy, increment data, formula, function. Format cells - numbers, text. Format the table as a whole, spelling, headers, footers. Insert objects into a table, automatic creation of diagrams and charts from table data. Prepare document for printing, transformation of documents into another environment. 11.-14. Use of the Internet. Basic concepts of web browsing, security and safety, basic tools, adjusting basic settings. Create bookmarks and their organization, work with outputs from the web. Search tools for the Web, critical evaluation online information, copyright. Basic concepts of electronic communication: online communities, communication tools, e-mail. E-mail: application settings, sending e-mail, receiving e-mail, working with e-mail folders and distribution lists. Organizing e-mails. Use of electronic calendars.

Recommended literature:

Course language:			

Notes:			

Course assessment
 Total number of assessed students: 6

abs	n	neabs	z
83.33	0.0	16.67	0.0

Provides: RNDr. Slavka Blichová, RNDr. Michaela Vočková

Date of last modification: 31.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚINF/ DT2/19	**Course name:** Digital technologies for public administration II.

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: 4

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 3

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

Provides: RNDr. Slavka Blichová, RNDr. Michaela Vočková

Date of last modification: 11.07.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Public Administration

Course ID: KVPaTVS/E-GOV- IS-d/19	Course name: E-government

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: 2.

Course level: I.

Prerequisities:

Conditions for course completion:
 Continuous assessment: assignments
 Final assessment: exam

Learning outcomes:
The course deals with basic aspects of informatization process in public administration. It stresses the importance of information availability for the public, facilitating communication between the public and public administration, promoting citizens' participation in governance as well as increasing the transparency of public administration through a more effective application of information communication technologies.

Brief outline of the course:
1. Information-communication technologies at present and their importance for individuals and country economies
2. Modernisation and informatisation of public administration
3. E-government – main characteristics, definitions, goals, advantages, disadvantages
4. E-government in selected countries of western Europe
5. E-government in selected countries of central and eastern Europe
6. E-government of self-government in the Slovak Republic
7. Open Data, transparency and E-government
8. Effectiveness and E-government
9. Factors of failure of E-government
10. Security in E-government
11. E-voting

Recommended literature:
1. Informatisation. Úrad podpredsedu vlády SR pre investície a informatizáciu. Available at: http://www.informatizacia.sk
2. European Commission. Digital economy & society in the EU, 2017 edition, Available at: http://ec.europa.eu/eurostat/cache/infographs/ict/images/pdf/pdf-digital-eurostat-2017.pdf
3. European Commission. Digital Single Market. Available at: https://ec.europa.eu/commission/priorities/digital-single-market_en

4. eGovernment Benchmark. Available at: https://ec.europa.eu/digital-single-market/en/news/ new-study-egovernment-services-europe-improving-cross-border-availability-services
5. eGovernment Benchmark by countries. Available at: http://ec.europa.eu/newsroom/dae/ document.cfm?doc_id=48586
6. eGovernment Benchmark Report. Available at: http://ec.europa.eu/newsroom/dae/ document.cfm?doc_id=48587
7. United Nations eGovernment Survey. Available at: https://publicadministration.un.org/egovkb/ en-us/reports/un-e-government-survey-2016
8. Materials distributed during the semester.

Course language:
english

Notes:

Course assessment
Total number of assessed students: 2

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

Provides: doc. Ing. Silvia Ručinská, PhD., PhDr. Miroslav Fečko, PhD.

Date of last modification: 11.02.2020

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	
Course ID: KVPaTVS/HP-IS-d/19	**Course name:** Economic Policy

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: 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: doc. Ing. Silvia Ručinská, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KEaRVS/EvoVS-IS-d/19	**Course name:** Economics of Public Administration

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: 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: 1

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

Provides: doc. Ing. Anna Čepelová, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚINF/ ZSSP/16	**Course name:** Essentials of the SAP System for Users

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

Number of ECTS credits: 3

Recommended semester/trimester of the course: 5.

Course level: I., N

Prerequisities: ÚINF/ZTSP/16

Conditions for course completion:

Learning outcomes:

Brief outline of the course:
1. Characteristics of modern systems, effective solutions for the management and operation of the institution, fundamental processes in the institution of government, support for the process from the system - the meaning and impact of SAP, processes and SAP modules, support in terms of functionality, technical and implementation, user roles and profiles in SAP, analysis of realized case studies of SAP deployment in the conditions of the company.
2. SAP ERP Financials (FI) - basic concepts of financial accounting, basic characteristics of FI. FI components. Principles and organizational elements of FI. Principle of documentation, accounting periods, FI master data (chart of accounts, accounting groups, general ledger (GL) accounts, account balances, control accounts).
3.-4. FI - general and secondary books, general ledger accounting, entering general ledger account documents, display of GL document, display / change of GL account items, display of account balances, cancellation of document - cancellation.
5. FI - withdrawal from the cashier to the bank account, posting the subsidy to the cashier, posting of the sent payment according to the bank statement.
6.-7. Individual work for practice.

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 77

abs	n	neabs
94.81	2.6	2.6

Provides: Ing. Slávka Šimková, PhD., RNDr. Slavka Blichová

Date of last modification: 30.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚINF/ ZTSP/16	**Course name:** Essentials of the SAP Technology

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

Number of ECTS credits: 2

Recommended semester/trimester of the course: 5.

Course level: I., N

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:
1. Enterprise information systems - enterprise architecture, processes, deployment of enterprise IS. Introduction to mySAP technology. SAP - benefits, distribution, components, modules, transactions, economic benefits of deployment in the organization.
2. SAP applications and components, overview of SAP solutions for large, medium and small businesses. SAP technology infrastructure (client / server architecture, transactions, client as a logically integrated organizational unit, job positions).
3. SAP basics and navigation - login, SAP screen elements, form design, system movement, use of standard keys and screen icons, transaction start, input fields, command shortcuts, Favorites tab, user-specific settings.
4. SAP basics and navigation - multiple modes, command shortcuts, searching and displaying data - variants, output format - changing and saving the layout, creating a report.
5. SAP basics and navigation - Business Workplace, report printing, report export to local file, system information.
6.-7. Individual work for practice.

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 340

abs	n	neabs
96.76	1.18	2.06

Provides: Ing. Slávka Šimková, PhD., RNDr. Slavka Blichová

Date of last modification: 30.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KEaRVS/FÚaVVS-IS-d/19	**Course name:** Financial Accounting and Reporting the Public Administration

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: 3.

Course level: I.

Prerequisities:

Conditions for course completion:
Test and credit test - student can get together max. 40 points. To pass the exam the student needs to achieve at least 21 points for the semester. Written exam. Student can get max. 60, min. 31 points. Grading Scale (in %): 91 – 100 = A (excellent) , 81 – 90 = B (very good), 71 – 80=C (good), 61 – 70=D (satisfactory), 52 – 60=E (sufficient), 51 and less = FX (failed)

Learning outcomes:
The student will understand the basic principles of accounting, reporting and auditing of financial statements in public administration organizations taking into account international accounting standards.

Brief outline of the course:
Financial accounting. International accounting standards for the public sector and their application in the Slovak accounting system. Legislation in accounting. Documentation in accounting. Financial Statements - Individual, Consolidated. The main components of the financial statements - balance sheet, profit and loss statement. Control and audit in accounting. International Auditing Standards and their Application in the Slovak Republic. Financial statements as part of financial reporting. Process of Disclosure of Financial Statements.

Recommended literature:
1. Herve Stolowy, Michel J. Lebas, Yuan Ding: Financial accounting and reporting a global perspective. Fourth Edition, ISBN 978-1-4080-6662-1 2. Belverd E.Needles, Marian Powers, Susan V. Crosson: Financial and Managerial Accounting. International Edition, ISBN 978-1-133-95900-7 3. Management accounting (official terminology), Bratislava: Iura Edition, ISBN 80-89047-59-9

Course language:
EN - english

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: Ing. Eva Mihaliková, PhD.

Date of last modification: 20.01.2020

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KEaRVS/IaISVS-st/20	**Course name:** Informatika a informačné systémy vo verejnej správe

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: 5., 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:

Date of last modification:

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚGE/ ISU/19	**Course name:** Information systems on territory

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:

Brief outline of the course:
 The class focuses on introduction to the information systems of regions providing mainly geospatial information on particular phenomenon. We discuss mainly web based information systems on soils, cadastre, geology, etc. and their practical use.

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 86

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

Provides: prof. Mgr. Jaroslav Hofierka, PhD., Mgr. Ondrej Tokarčík

Date of last modification: 10.02.2020

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KSS/ IK-IS-d/19	**Course name:** Interpersonal Communication

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: 5

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: doc. PhDr. Lenka Lachytová, Ph.D., MBA

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚINF/ UIB2/18	**Course name:** Introduction to information security

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: 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: 19

A	B	C	D	E	FX
0.0	31.58	21.05	21.05	26.32	0.0

Provides: RNDr. JUDr. Pavol Sokol, PhD., MSc. Terézia Mézešová

Date of last modification: 27.03.2019

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: KEaRVS/MAK-IS-d/19	**Course name:** Macroeconomy

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:

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
20.0	0.0	0.0	40.0	0.0	40.0

Provides: prof. Ing. Viktória Bobáková, CSc.

Date of last modification: 17.09.2019

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KEaRVS/RvoVS-IS-d/19	**Course name:** Management in Public Administration

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: 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: doc. Ing. Anna Čepelová, PhD., PhDr. Darina Koreňová, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KEaRVS/MAR-IS-d/19	**Course name:** Marketing

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: 4., 6.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
 Total number of assessed students: 0

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

Provides: Ing. Zuzana Hrabovská, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Public Administration

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: 197					
A	B	C	D	E	FX
0.51	9.64	9.64	19.29	47.72	13.2

Provides: RNDr. Andrej Gajdoš, PhD.

Date of last modification: 19.09.2020

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration

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: 123

A	B	C	D	E	FX
2.44	9.76	8.94	22.76	49.59	6.5

Provides: RNDr. Andrej Gajdoš, PhD.

Date of last modification: 03.05.2015

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KSS/ MVvSV-IS-d/19	**Course name:** Methods of Research in Social Sciences

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: 5

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: 0

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

Provides: doc. Mgr. Iveta Jeleňová, PhD., Mgr. Denisa Rovenská, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KSS/ OS-IS-d/19	**Course name:** Organizational Behaviour

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: 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: 0

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

Provides: doc. Mgr. Gabriela Kravčáková, PhD., Mgr. Denisa Rovenská, PhD.

Date of last modification: 12.02.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚINF/ PRG1/15	**Course name:** Programming in Python I

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

Number of ECTS credits: 6

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:
At least 50 % of the marks in the continuous assessment
A minimum of 50 % marks in the mid-term and end-of-semester practical tests

Learning outcomes:
 Ability to implement simple algorithms in Python programming language. Ability to solve simple real-life algorithmic problems using the tools of the Python programming language.

Brief outline of the course:
 1. Introduction to programming, calculations in the console, visualization of the calculation process using turtle graphics.
 2. Custom functions without parameters and without return value.
 3. Loop with a fixed number of repetitions.
 4. Custom functions with parameters (drawing problems), custom functions with parameters and output (computation problems).
 5. Errors in calculations, their recognition and elimination.
 6. Conditional statement.
 7. Strings, string methods, compound and nested conditions.
 8. Algorithms with strings.
 9. Exception handling and exception raising.
 10. Lists and list methods, creating and modifying lists, using randomness, algorithms with lists.
 11. Loop with condition, nested control structures.
 12. Reading data from a file, writing data to a file.

Recommended literature:
 PILGRIM, Mark. Dive into Python 3. 2. United States of America: Apress, 2004. ISBN 978-1430224150. Dostupné také z: https://diveintopython3.net/
 HALL, Tim a J-P STACEY. Python 3 for absolute beginners. New York, NY: [distributed by] Springer-Verlag, c2009. Expert's voice in open source. ISBN 978-1-4302-1632-2.

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

Notes:
No previous programming experience is required.

Course assessment
Total number of assessed students: 55

A	B	C	D	E	FX
18.18	10.91	18.18	14.55	14.55	23.64

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

Date of last modification: 30.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Public Administration

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: 6.

Course level: I.

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

Conditions for course completion: 50% of the marks from continuous assignments

Learning outcomes: An overview of modern technologies for creating dynamic websites. Describing and appliyng the basic principles of creating dynamic web pages. Utilize client-side (JavaScript) and server-side (PHP) web programming technologies. Using relational databases (MySQL) to create application web pages. Know the security risks of dynamic websites and be able to eliminate them.

Brief outline of the course: 1. JavaScript - introduction to JavaScript programming. 2. JavaScript - communication with the user, validation of data in forms using JavaScript. 3. JavaScript - introduction to using the jQuery library. 4. PHP - introduction to PHP programming. 5. PHP - data and control structures of the PHP language. 6. PHP - communication with the user, validation of data in forms using PHP. 7. PHP - object oriented problem solving in PHP language. File manipulation. 8. PHP - User authentication (cookies, session). 9. MySQL - introduction to working with MySQL database system. 10. MySQL - Simple applications using the database for data storage and access. 11. Web application security - an introduction to web application security. 12. Web application security - the most common web application security problems and how to eliminate them.

Recommended literature: BLUM, Richard. PHP, MySQL& JavaScript: All-in-One. Hoboken, New Jersey: John Wiley, 2018. ISBN 978-1-119-46838-7. KROMANN, Frank M. Beginning PHP and MySQL: From Novice to Professional. 5. CA, USA: Apress, 2018. ISBN 978-1-4302-6043-1. HUSEBY, Sverre H. Zraniteľný kód. Brno: Computer Press, 2006, 207 s. ISBN 80-251-1180-6. SNYDER, Chris, Thomas MYER a Michael SOUTHWELL. Pro PHP Security: From Application Security Principles to the Implementation of XSS Defenses. 2. United States of America: Apress, 2010. ISBN 978-1-4302-3318-3.

Course language:			
Slovak language, knowledge of English language is only necessary for reading documentation.			

Notes:			
Content prerequisite: WBdi/15 Web and user interface design			

Course assessment
Total number of assessed students: 23

abs	n	neabs	z
65.22	34.78	0.0	0.0

Provides: PaedDr. Ján Guniš, PhD.

Date of last modification: 31.08.2021

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KEaRVS/PM-IS-d/19	**Course name:** Project Management

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: 5

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: doc. Ing. Anna Čepelová, PhD., prof. RNDr. Gabriel Semanišin, PhD.

Date of last modification: 16.09.2020

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KEaRVS/ERVS-IS-st/19	**Course name:** Public Administration Economy and Management

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: 5., 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:

Date of last modification: 08.01.2019

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KVPaTVS/TVS-IS-d/19	**Course name:** Public Administration 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: 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: 5

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

Provides: PhDr. Ondrej Mitaľ, PhD.

Date of last modification: 02.10.2020

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration

Course ID: KVPD/ VSDS-IS-st/19	**Course name:** Public Administration in Democratic Country

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: 5., 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:

Date of last modification: 17.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KEaRVS/VF-IS-d/19	**Course name:** Public Finance

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:

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: prof. Ing. Viktória Bobáková, CSc., Ing. Eva Výrostová, PhD.

Date of last modification: 13.02.2019

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KVPaTVS/VPpP-IS-d/19	**Course name:** Public Policy for Practice

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: 5

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: 0

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

Provides: Mgr. Veronika Džatková, PhD., PhDr. Ondrej Mitaľ, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration

Course ID: KVPD/ TŠaP-IS-d/19	**Course name:** State and Law Theory

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:
• Active participation in seminars
• 2x written examination
• 100% participation in seminars is required. For each absence in seminars, the teacher determines a substitute written project. It is possible to compensate maximum of up to 3 absences. Based on the seriousness of the absence, the teacher assesses whether or not he/she will require the written project as a substitude.
• Oral exam

Learning outcomes:
The theory of state and law should create a set of basic knowledge of law, the most important legal institutes and the state in the most general form so as to provide a solid theoretical basis for further study within the study program. The theory of state and law thus fulfills an irreplaceable propedeutic - systematic function in relation to other legal study subjects.

Brief outline of the course:
State as a category of positive law and public law corporation, state authorities as part of state organization, horizontal and vertical structure of state (form of state), democracy and its forms, state and citizen, law: conceptual definition and system of law, formal sources of law, legal norms, interpretation of law, legal relations, lawmaking, application of law, legal liability.

Recommended literature:
1. KROŠLÁK, D.: Theory of State and Law. Trnava: Trnavská univerzita v Trnave, Právnická fakulta, 2013, 104 s. ISBN 978-80-8082-705-2
2. OSINA, P.: Legal Theory. Praha: Leges, 2017, 128 s. ISBN 978-80-7502-223-3
3. ONDROVÁ, J. – SLAŠŤAN, M. – SIMAN, M. – KYPTA, P.: The State Law of the Slovak republic. Banská Bystrica: Matej Bel University, Faculty of Law, 2012. 278 s. ISBN 978-80-557-0421-0

Course language:
 Slovak language

Notes:

Course assessment Total number of assessed students: 4					
A	B	C	D	E	FX
25.0	0.0	25.0	25.0	25.0	0.0

Provides: JUDr. Martina Kantorová, PhD., Mgr. Viktória Kráľová

Date of last modification: 22.01.2020

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: KSS/ STAT-IS-d/19	**Course name:** Statistics

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: 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: 0

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

Provides: doc. Mgr. Iveta Jeleňová, PhD.

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration

Course ID: KVPD/ TaPÚS-IS-d/19	**Course name:** Theory and Practice of Territorial Self-Government

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: 5

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: 0

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

Provides:

Date of last modification: 15.12.2018

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	

Faculty: Faculty of Public Administration	

Course ID: ÚINF/ POS2/15	**Course name:** User environments of operating 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: 3.

Course level: I.

Prerequisities:

Conditions for course completion:
 - written final theoretical exam (score at least 50%),
 - written final practical exam (score at least 50%)

Learning outcomes:
 To provide theoretical and practical background for studying computer science, by giving the necessary knowledge in the usage of Unix/Linux operating systems.

Brief outline of the course:
 (1) Introduction to Unix/Linux systems
 (2) Linux ommand line
 (3) Text processing tools
 (4) Managing files
 (5) Managing users, groups and rights
 (6) Managing processes
 (7) Managing software and packages
 (8) Administering the system - system booting, jobs, logging
 (9) Basic networking
 (10) Managing network interfaces
 (11) Managing disk partitions

Recommended literature:
 (1) LPIC-1 Linux Professional Institute Certification Study Guide Exam 101-400 and Exam 102-400 4th Edition
 (2) The Linux Documentation Project (https://www.tldp.org/)
 (3) The Linux Command Line, 2nd Edition: A Complete Introduction 2nd Edition

Course language:

Notes:

Course assessment Total number of assessed students: 113					
A	B	C	D	E	FX
46.02	8.85	22.12	7.96	12.39	2.65

Provides: RNDr. JUDr. Pavol Sokol, PhD., Mgr. Richard Staňa

Date of last modification: 14.01.2020

Approved:

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Public Administration	

Course ID: ÚINF/ WBdi/15	**Course name:** Web and a development of user environment

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: 4.

Course level: I.

Prerequisities:

Conditions for course completion:
 50% of the mark for continuous assignments and discussion contributions

Learning outcomes:
 Create accessible and usable Web Sites, used the standards (X) HTML and CSS.
 Apply the rules for the page layout.
 Maintain website and use the basic procedures for their promotion.

Brief outline of the course:
 1. - Introduction, specifics of distance learning, orientation in LMS Moodle.
 2. - (X)HTML - markup language for describing the structure and content of HTML documents.
 3. - (X)HTML - markup language for describing the structure and content of HTML documents.
 4. - (X)HTML - markup language for describing the structure and content of HTML documents.
 5. - CSS - a markup language for describing how (X)HTML documents are displayed.
 6. - CSS - a markup language for describing how (X)HTML documents are displayed.
 7. - Page layout - the layout of the content of a web page.
 8. - Page layout - the layout of the content of a web page.
 9. - Web page accessibility.
 10. - Web page accessibility.
 11. - Usability of web pages.
 12. - Usability of web pages.

Recommended literature:
 Basic sources for distance courses will be published in LMS Moodle.
 TITTEL, Ed a Jeff NOBLE. HTML, XHTML & CSS. 7th ed. Hoboken, NJ: Wiley, c2011, xx, 392 p. --For dummies. ISBN 04-709-1659-1.
 LAGRONE, Benjamin. HTML5 and CSS3 responsive Web design cookbook. 1. publ. Birmingham [u.a.]: Packt Publishing, 2013. ISBN 978-184-9695-442.
 CONNOR, Joshue O. Pro HTML5 accessibility: building an inclusive web. New York: Distributed to the book trade worldwide by Springer Science Business Media, c2012, xix, 365 p. ISBN 978-1-4302-4195-9.
 KRUG, Steve. Nenuťte uživatele přemýšlet!: praktický průvodce testováním a opravou chyb použitelnost webu. Vyd. 1. Brno: Computer Press, 2010, 165 s. ISBN 978-80-251-2923-4.

LEAVITT, Michael O. a Ben SHNEIDERMAN. Research-Based Web Design & Usability Guidelines. Washington, D.C.: U.S. General Services Administration, 2006, xxii, 267 p. ISBN 0-16-076270-7. Dostupné z: https://www.usability.gov/sites/default/files/documents/guidelines_book.pdf

Vyhláška Úradu podpredsedu vlády Slovenskej republiky pre investície a informatizáciu zo 16. marca 2020 o štandardoch pre informačné technológie verejnej správy. In: . Bratislava: Ministerstvo spravodlivosti Slovenskej republiky, 2020, ročník 2020, číslo 78. Dostupné z: https://www.slov-lex.sk/static/pdf/2020/78/ZZ_2020_78_20210623.pdf

Course language:
Slovak language, knowledge of English is required only for reading documentation and web standards.

Notes:
Teaching is realized only by distance learning.

Course assessment
Total number of assessed students: 48

abs	n	neabs	z
66.67	31.25	2.08	0.0

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

Date of last modification: 31.08.2021

Approved: