

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/AFAU1/15	Course name: Regional Geography of Africa and Australia
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of credits: 3	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Exam. Only students who reached weighted average of continuous grading at least 60% may sign up for the final exam. Continuous grading consists of written tests and orientation in the blank maps (70% of continuous grading) and the presentation of assigned topic (30%). At the final grading, the weight of exam is 70% and the weight of continuous grading is 30%). To obtain A grade, weighted average of the both parts of grading must reach at least 90%, To obtain B it is 80%, for C it is 70%, for D 60% and for E 50%. Credits shall not be granted to a student who obtains less than 50 % from any of both parts of examination.	
Learning outcomes: Student acquires comprehensive knowledge of the continents and their regions, understands the geographic phenomena and is able to interpret them in a context of wider vertical and horizontal relations with other geographic phenomena.	
Brief outline of the course: Basic geographic definition and relief in Africa, Australia and Oceania; Tectonic movements, geological evolution, minerals and formation of the current orography of continents, main geomorphologic units; Geographic conditions of climate and hydrosphere (the influence of individual factors in shaping climatic conditions, basic climatic zones, river system, drainage areas, drainless areas, lakes); Pede-geographic and bio-geographic conditions (soil types and their geographical distribution, phytogeographical regions, vegetation zones, zoogeographical regions, nature protection.); Historical and political development (the oldest civilizations and ancient migration, ancient and medieval empires, European colonization, the collapse of colonial system, current political situation, integration groups); Population and settlements (population growth, racial and ethnic structure of population, linguistic groups, natural growth and migration, settlements and urbanization); Economy (economy growth, general nature of economy, types of countries according to the nature of economy, current statistic indicators, individual sectors of economy, foreign trade); Detailed characterization of selected regions.	
Recommended literature: HOBBS, J. J. 2010: Fundaments of World Regional Geography, 2nd edition. Belmont (Brooks/Cole), 438 p. DE BLIJ, H. J. et al: 2013: The World Today - Concepts and Regions in Geography, 6th edition. New York (Wiley), 528 p.	

KOVÁŘ, M. 2004: Afrika a Arabský poloostrov. Ostrava (Ostravská Univerzita, Přírodovědecká fakulta), 71 s.
 ČEMAN, R. 2006: Zemepisný atlas Svet. Bratislava (Mapa Slovakia), 256 s.
 EPERJEŠI, M. 2007: Vybrané problémy Afriky na začiatku 21. storočia, diplomová práca, dostupné on-line na: <http://diplomovka.sme.sk/zdroj/3202.pdf>, 98 s.
 LIPKOVÁ, Ľ. 2000: Medzinárodné hospodárske vzťahy. Bratislava (Sprint), 238 s.

Course language:

Slovak and English

Course assessment

Total number of assessed students: 425

A	B	C	D	E	FX
23.76	24.24	25.41	16.71	9.41	0.47

Provides: doc. RNDr. Zdenko Hochmuth, CSc., Mgr. Ladislav Novotný, PhD.

Date of last modification: 23.02.2017

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ AMCU/15		Course name: Aktivizujúce metódy výučby chémie			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 24					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Mária Ganajová, CSc., RNDr. Ivana Sotáková					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/AMG/13	Course name: Regional geography of America
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of credits: 3	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Exam. Only students who reached weighted average of continuous grading at least 60% may sign up for the final exam. Continuous grading consists of written tests and orientation in the blank maps (70% of continuous grading) and the presentation of assigned topic (30%). At the final grading, the weight of exam is 70% and the weight of continuous grading is 30%). To obtain A grade, weighted average of the both parts of grading must reach at least 90%, To obtain B it is 80%, for C it is 70%, for D 60% and for E 50%. Credits shall not be granted to a student who obtains less than 50 % from any of both parts of examination.	
Learning outcomes: Student acquires comprehensive knowledge of the continent and its regions, understands the geographic phenomena and is able to interpret them in a context of wider vertical and horizontal relations with other geographic phenomena.	
Brief outline of the course: Basic geographical definition and relief in Americas (location of continent, tectonic movements and shaping of recent forms of continent, geological evolution, minerals and formation of current relief, basic geomorphological units); Geographic conditions of climate and hydrosphere (the influence of individual factors in shaping climatic conditions, basic climatic zones, river system, drainage areas, endorheic basins, lakes); Peco-geographic and bio-geographic conditions (soil types and their geographical distribution, phyto-geographical regions, vegetation zones, zoo-geographical regions, nature protection.); Historical and political development (the oldest civilizations and ancient migration, ancient and medieval empires, European colonization, the collapse of colonial system, current political situation, integration groups); Population and settlements (population growth, racial and ethnic structure of population, linguistic groups, natural growth and migration, settlements and urbanization); Economy (economy growth, general nature of economy, types of countries according to the nature of economy, current statistic indicators, individual sectors of economy, foreign trade); Detailed characterization of selected regions.	
Recommended literature: KENT, R. B. 2006: Latin America – Regions and People. New York (The Guilford Press), 422 p. HARDWICK, S., SHELLEY, F., HOLTGRIEVE, D. 2013: The Geography of North America – Environment, Culture, Economy, 2nd edition. Glenview (Pearson), 428 p.	

VEBLEN, T., YOUNG, K., ORME, A. eds. 2007: The Physical Geography of South America. Oxford (University Press), 361 p.

BAAR, V. 2002: Národy na prahu 21. století. Emancipace nebo nacionalismus? Ostrava (Ostravská univerzita), 416 s.

ČEMAN, R. 2006: Zemepisný atlas Svet. Bratislava (Mapa Slovakia), 256 s.

DE BLIJ, H. J. et al: 2013: The World Today - Concepts and Regions in Geography, 6th edition. New York (Wiley), 528 p.

HOBBS, J. J. 2010: Fundaments of World Regional Geography, 2nd edition. Belmont (Brooks/Cole), 438 p.

SLOBODNÍKOVÁ, O. 2012: Regionálna geografia Kanady. 2. vydanie. Banská Bystrica (Dali), 344 s.

Course language:

Slovak and English

Course assessment

Total number of assessed students: 201

A	B	C	D	E	FX
15.42	32.84	31.34	12.44	7.96	0.0

Provides: doc. RNDr. Zdenko Hochmuth, CSc., Mgr. Ladislav Novotný, PhD.

Date of last modification: 23.02.2017

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ AZG1/15	Course name: Regional Geography of Asia
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of credits: 3	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Exam. Only students who reached weighted average of continuous grading at least 60% may sign up for the final exam. Continuous grading consists of written tests and orientation in the blank maps (70% of continuous grading) and the presentation of assigned topic (30%). At the final grading, the weight of exam is 70% and the weight of continuous grading is 30%). To obtain A grade, weighted average of the both parts of grading must reach at least 90%, To obtain B it is 80%, for C it is 70%, for D 60% and for E 50%. Credits shall not be granted to a student who obtains less than 50 % from any of both parts of examination.	
Learning outcomes: Student acquires comprehensive knowledge of the continent and its regions, understands the geographic phenomena and is able to interpret them in a context of wider vertical and horizontal relations with other geographic phenomena.	
Brief outline of the course: Basic geographical definition and relief in Asia (location of continent, tectonic movements and shaping of recent forms of continent, geological evolution, minerals and formation of current relief, basic geomorphological units); Geographic conditions of climate and hydrosphere (the influence of individual factors in shaping climatic conditions, basic climatic zones, river system, drainage areas, endorheic basins, lakes); Peco-geographic and bio-geographic conditions (soil types and their geographical distribution, phyto-geographical regions, vegetation zones, zoo-geographical regions, nature protection.); Historical and political development (the oldest civilizations and ancient migration, ancient and medieval empires, European colonization, the collapse of colonial system, current political situation, integration groups); Population and settlements (population growth, racial and ethnic structure of population, linguistic groups, natural growth and migration, settlements and urbanization); Economy (economy growth, general nature of economy, types of countries according to the nature of economy, current statistic indicators, individual sectors of economy, foreign trade); Detailed characterization of selected regions.	
Recommended literature: DE BLIJ, H. J. et al: 2013: The World Today - Concepts and Regions in Geography, 6th edition. New York (Wiley), 528 p. HOBBS, J. J. 2010: Fundaments of World Regional Geography, 2nd edition. Belmont (Brooks/Cole), 438 p.	

WEIGHTMAN, B. 2010: Dragons and Tigers – A Geography of South, East and Southeast Asia, 3rd edition. Hoboken (Wiley), 523 p.

BAAR, V. 2002: Národy na prahu 21. století. Emancipace nebo nacionalismus? Ostrava (Ostravská univerzita), 416 s.

ČEMAN, R. 2006: Zemepisný atlas Svet. Bratislava (Mapa Slovakia), 256 s.

KRUPA, V. et al. 1999: Geopolitické špecifiká regiónov sveta - Afrika a Ázia. Bratislava (Univerzita Komenského), 247 s.

RÁCOVÁ, A. (ed.) 2006: Štát a náboženstvo v Ázii a Afrike. Bratislava (Ústav orientalistiky SAV), 233 s.

SLOBODNÍK, M., KOVÁCS, A. (ed.) 2006: Politická moc versus náboženská autorita v Ázii. Bratislava (Chronos), 303 s.

Course language:

Slovak and English

Course assessment

Total number of assessed students: 276

A	B	C	D	E	FX
19.2	23.19	26.81	17.75	12.68	0.36

Provides: doc. RNDr. Zdenko Hochmuth, CSc., Mgr. Ladislav Novotný, PhD.

Date of last modification: 23.02.2017

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ BTC/03		Course name: Biotechnology			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 3 Per study period: 42 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion: test					
Learning outcomes: Students obtained the knowledge of basic biotechnological processes and their applications in agriculture, industry, food production and medicine.					
Brief outline of the course: Classification of biotechnology, disciplines and subjects which are involved with biotechnology. The fermentation processes, types of bioreactors, impellers, principles of microbial growth, media and substrates for fermentation processes. The bioremediation, production and application of biogas, in-vessel composting. Micro-organisms used to preparation amino acids, their fermentation preparation, isolation and possible uses. The methods of classical Plant Biotechnology. Ethanol fermentation, spirits, production of wine and beer. The biological filters, nutrient removal and the membrane bioreactors. Antibiotics.					
Recommended literature: E.M.T. El-Mansi et al. ,Fermentation microbiology ang biotechnology,second edition, 2007 Y.H. Hui, Food biochemistry & food processing,Blackwell Publishing 2006 J.E. Smith, Biotechnology, Cambridge university press 2009					
Course language:					
Course assessment Total number of assessed students: 95					
A	B	C	D	E	FX
45.26	22.11	18.95	7.37	6.32	0.0
Provides: RNDr. Danica Sabolová, PhD.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ CHE2/03		Course name: Chemical Excursion			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 1t Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 80					
A	B	C	D	E	FX
93.75	6.25	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Zuzana Vargová, Ph.D.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ DCH1/15		Course name: Didaktika chémie I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites: ÚCHV/SPC1a/03					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 57					
A	B	C	D	E	FX
75.44	15.79	7.02	1.75	0.0	0.0
Provides: doc. RNDr. Mária Ganajová, CSc., RNDr. Ivana Sotáková					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ DCH2/15		Course name: Didaktika chémie II			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites: ÚCHV/DCH1/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 57					
A	B	C	D	E	FX
75.44	17.54	5.26	1.75	0.0	0.0
Provides: doc. RNDr. Mária Ganajová, CSc., RNDr. Ivana Sotáková					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ DIDG/15		Course name: Methodology of Geography Teaching			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 3					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 270					
A	B	C	D	E	FX
34.07	28.15	22.59	9.26	5.56	0.37
Provides: RNDr. Stela Csachová, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/DPOU/14		Course name: Diploma 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 credits: 15					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites: ÚCHV/DPP3/14					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 44					
A	B	C	D	E	FX
75.0	22.73	2.27	0.0	0.0	0.0
Provides:					
Date of last modification: 27.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ DPOU/14		Course name: Diploma 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 credits: 15					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 57					
A	B	C	D	E	FX
22.81	36.84	15.79	21.05	3.51	0.0
Provides:					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ DPP1/14	Course name: Diploma Project I
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of credits: 1	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 53	
abs	n
100.0	0.0
Provides: RNDr. Dušan Barabas, CSc., Ing. Katarína Bónová, PhD., RNDr. Stela Csachová, PhD., doc. Mgr. Michal Gallay, PhD., RNDr. Alena Gessert, PhD., prof. Mgr. Jaroslav Hofierka, PhD., doc. RNDr. Zdenko Hochmuth, CSc., doc. RNDr. Ján Kaňuk, PhD., Mgr. Marián Kulla, PhD., RNDr. Janetta Nestorová-Dická, PhD., Mgr. Ladislav Novotný, PhD., prof. Ing. Vladimír Sedlák, PhD., prof. RNDr. Peter Spišiak, CSc.	
Date of last modification: 23.02.2017	
Approved: Guarantee doc. RNDr. Mária Ganajová, CSc. Guarantee prof. PhDr. Oľga Orosová, CSc. Guarantee doc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ DPP1/14	Course name: Diploma Project I
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of credits: 1	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 37	
abs	n
100.0	0.0
Provides:	
Date of last modification: 27.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ DPP2/14	Course name: Diploma Project II
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 36	
abs	n
100.0	0.0
Provides:	
Date of last modification: 27.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ DPP2/14	Course name: Diploma Project II
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 53	
abs	n
100.0	0.0
Provides:	
Date of last modification: 23.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ DPP3/14	Course name: Diploma Project III
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 58	
abs	n
100.0	0.0
Provides: RNDr. Dušan Barabas, CSc., Ing. Katarína Bónová, PhD., RNDr. Stela Csachová, PhD., doc. Mgr. Michal Gallay, PhD., RNDr. Alena Gessert, PhD., prof. Mgr. Jaroslav Hofierka, PhD., doc. RNDr. Zdenko Hochmuth, CSc., doc. RNDr. Ján Kaňuk, PhD., Mgr. Marián Kulla, PhD., RNDr. Janetta Nestorová-Dická, PhD., Mgr. Ladislav Novotný, PhD., prof. Ing. Vladimír Sedlák, PhD., prof. RNDr. Peter Spišiak, CSc.	
Date of last modification: 23.02.2017	
Approved: Guarantee doc. RNDr. Mária Ganajová, CSc. Guarantee prof. PhDr. Oľga Orosová, CSc. Guarantee doc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ DPP3/14	Course name: Diploma Project III
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 43	
abs	n
100.0	0.0
Provides: prof. RNDr. Jozef Gonda, DrSc.	
Date of last modification: 27.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ DSEI/05		Course name: Diploma 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 credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion: Verification of acquired basic methodological and formal procedures of the final thesis creation by presentation (70% of rating) and written examination (30%). To obtain A grade, weighted average of the both parts of examination must reach at least 90%, To obtain B it is 80%, for C it is 70%, for D 60% and for E 50%. Credits shall not be granted to a student who obtain less than 50 % from any of both parts of examination.					
Learning outcomes: Acquired knowledge of demands for diploma thesis as well as of theoretical, methodological and formal scientific procedures of diploma thesis creation.					
Brief outline of the course: The content and form of selected parts of thesis writing (abstract, introduction, conclusion, etc.) Ethics and culture of writing diploma thesis, citations and references, types of sources (printed, electronic, etc.). Formal aspects of the thesis. Linguistic adjustment (terminology, stylistics, syntax, grammar, typography). Rules of presentation of the thesis. Presentation of current results and state of diploma thesis.					
Recommended literature: HOVORKA, D., KOMÁREK, K., CHRAPAN, J. 2011: Ako písať a komunikovať. Martin (Vydavateľstvo Osveta), 247 s. KATUŠČÁK, D. 2008: Ako písať záverečné a kvalifikačné práce. Nitra (Enigma), 162 s. ÚTVAR REKTORA UPJŠ (2011): Smernica č. 1/2011, Dostupné na internete: < http://www.upjs.sk/public/media/2438/smernica-1-2011.pdf >, 25 s.					
Course language: Slovak					
Course assessment Total number of assessed students: 242					
A	B	C	D	E	FX
87.6	6.61	2.89	0.83	2.07	0.0

Provides: prof. Mgr. Jaroslav Hofierka, PhD., Mgr. Ladislav Novotný, PhD., prof. Ing. Vladimír Sedlák, PhD.

Date of last modification: 23.02.2017

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/DSEII/05		Course name: Diploma seminar II			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: II.					
Prerequisites:					
Conditions for course completion: Verification of acquired methodological and formal procedures of the creation of diploma thesis by the presentation of current thesis creation by presentation of own diploma thesis (100% of rating). To obtain A grade, the rating of student's presentation must reach at least 90%, To obtain B it is 80%, for C it is 70%, for D 60% and for E 50%. Credits shall not be granted to a student who obtain rating less than 50 %.					
Learning outcomes: Acquired skills to apply theoretical, methodological and formal scientific procedures of diploma thesis creation.					
Brief outline of the course: The seminary is focused to the topics of individual diploma thesis. Students present current state of their thesis, its content and its particular parts. Each diploma thesis is discussed at scientific level.					
Recommended literature: HOVORKA, D., KOMÁREK, K., CHRAPAN, J. 2011: Ako písať a komunikovať. Martin (Vydavateľstvo Osveta), 247 s. KATUŠČÁK, D. 2008: Ako písať záverečné a kvalifikačné práce. Nitra (Enigma), 162 s. ÚTVAR REKTORA UPJŠ (2011): Smernica č. 1/2011, Dostupné na internete: < http://www.upjs.sk/public/media/2438/smernica-1-2011.pdf >, 25 s.					
Course language: Slovak					
Course assessment Total number of assessed students: 166					
A	B	C	D	E	FX
76.51	14.46	6.63	0.6	0.6	1.2
Provides: prof. Mgr. Jaroslav Hofierka, PhD., doc. RNDr. Zdenko Hochmuth, CSc., Mgr. Ladislav Novotný, PhD., prof. RNDr. Peter Spišiak, CSc.					
Date of last modification: 23.02.2017					

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Oľga Orosová,
CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/DSU1a/10	Course name: Diplomový seminár z chémie pre XCH
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 8	
abs	n
100.0	0.0
Provides: doc. RNDr. Mária Ganajová, CSc.	
Date of last modification: 24.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/DSU1b/10	Course name: Diplomový seminár z chémie pre XCH
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 3	
abs	n
100.0	0.0
Provides: doc. RNDr. Mária Ganajová, CSc.	
Date of last modification: 24.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ DTCU/15		Course name: Digitálne technológie vo výučbe chémie			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 10					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Mária Ganajová, CSc., RNDr. Ivana Sotáková					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚFV/ FEP1/07	Course name: Microcomputer Based Science Laboratory
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of credits: 4	
Recommended semester/trimester of the course:	
Course level: II.	
Prerequisites:	
Conditions for course completion: test 30 points active participation 10 points project (development of mathematical model, videomeasurement and physical experiment) 60 points The final assessment is based on the sum of partial results	
Learning outcomes: After the course student gains an overview about the possible use of digital technologies to support active learning in science. He gains skills to use and develop activities on measuring data with the help of datalogging, measuring on picture and viderecording and modeling natural processes. Student is able to implement such activities in science teaching to support active learning and conceptual understanding.	
Brief outline of the course: The aim of the course is to present the use of digital technologies to enhance active learning in science with the help of datalogging, videomeasurement and modeling tools. Mathematical modeling is based on dynamical modeling of natural phenomena. Within the course students carry out computer-based experiments, videomeasurements and measurement on picture and create corresponding models. The activities involve selected topics of secondary schools science. The emphasize is put on the methods of implementation of the activities with regard to active students ' learning.	
Recommended literature: [1]Koubek, V., Pecen, I.: Fyzikálne experimenty a modely v školskom mikropočítačom podporovanom laboratóriu, Univerzita Komenského, Bratislava, 1999 [2]Príručka COACH [3] http://physedu.science.upjs.sk/sis/fyzika/experimenty/index.htm	
Course language: Slovak	
Course assessment Total number of assessed students: 34	

A	B	C	D	E	FX
44.12	44.12	11.76	0.0	0.0	0.0
Provides: doc. RNDr. Zuzana Ješková, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ FUMCH1/03	Course name: Introduction to Material Chemistry
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of credits: 5	
Recommended semester/trimester of the course: 1., 3.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Seminar work. Examination.	
Learning outcomes: To present the different types of functional materials, their atomic structure and mechanical properties.	
Brief outline of the course: Historical perspectives. Materials and human being. Participation of natural science in material engineering. Material revolutions. Classification of materials. Atomic structure and interatomic bonding. Amorphous and crystalline materials. Mechanics of materials. Imperfections in solids. Crystal lattice defects. Point defects. Line defects. Dislocations. Diffusion. Diffusion mechanisms. Deformations and failures, re-crystallization. Deformations. Plastic deformations. Solid solutions. Intermediary phases. Phases in ceramic systems. Phase transformations. Crystallization of metals. Phase identification methods. Stress and strain. Structure of metallic and ceramic materials. Alloys. Steel. Light metals. Metallic glasses. Gold. Inorganic non-metallic materials. Ceramic construction materials. Ceramic tools. Bio-ceramics. Ceramics in cosmos. High-temperature superconductors. Glass. Building binders. Polymers. Essence of polymers. Thermoplastics. Reactoplastics. Polymer structure. Mechanical properties of polymers. Natural materials. Wood. Bones. Teeth. Conchs and shells. Tectrices.	
Recommended literature: W. D. Callister, Jr.: Fundamentals of Materials Science and Engineering, John Wiley & Sons, 2001. Brian S. Mitchell: An Introduction to Materials Engineering and Science: For Chemical and Materials Engineers, John Wiley & Sons, 2004.	
Course language:	
Course assessment Total number of assessed students: 58	

A	B	C	D	E	FX
87.93	10.34	0.0	0.0	0.0	1.72
Provides: prof. RNDr. Renáta Oriňaková, DrSc.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GCR/12		Course name: Geography of the Czech Republic			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course: Geological structure of the Czech Republic, main geological entities according to the newest classification. Geomorphological structure and the relief evolution, geomorphological entities and units. Climate, hydrography of the Czech Republic, underground waters and mineral waters. Soils, phytogeography and zoogeography, present landscape types. History of settlements in the Czech Republic from the historical perspective. National, linguistic and religious structure. Urban and rural settlements. Administrative division and its historical development. Economy of the country - natural resources, agriculture, industry, transport, education and tourism.					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 203					
A	B	C	D	E	FX
49.75	30.54	16.26	3.45	0.0	0.0
Provides: doc. RNDr. Zdenko Hochmuth, CSc., Mgr. Marián Kulla, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GEOD/15		Course name: Geography Teaching Seminar			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 1					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 69					
A	B	C	D	E	FX
24.64	24.64	21.74	14.49	14.49	0.0
Provides:					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ GME/08	Course name: Urban geography
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of credits: 4	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: The assessment of student's learning outcomes is carried out through a combination of in-process controls during the instructional part of the semester with an examination during the period of the semester. Monitoring or the continuous check-up consists of 80% of the active participation of the student in the early minutes and it is required to carry out specified tasks successfully. If a student fails a compulsory active participation in teaching and will not solve the task that particular student cannot successfully assign to the exams. The exam consists of a written and an oral part. If a student receives more than 51% in a written part he/she may proceed to the oral examination. If a student fails to demonstrate knowledge within the oral part of the examination, he or she must take both forms of exams again.	
Learning outcomes: The student in general shall acquire theoretical and methodological background in urban geography in general and he/she then implements it to the other regions of the world. in individual regions of the world with the application.	
Brief outline of the course: An introduction to the study of Geography-Urban Geography, the study of the city in the context of social geography, Geography of the city, lines of research and the subject object; The definition of urban/city; The growth of the city; Stages of development of the city-the city, town, post socialist Socialist industrial city, city, city post systems-systems; The spatial structure of intraurban structure, spatial structure of the city, the transformation of the partial classification of the transformation processes; Urban ecology-social space, city space, the redistribution of the population, importers of natural ecology; Urbanization-development stage, factors; World/Global cities; Urban systems; Urban planning; Urban Shrinkage; Urban Land Use Semináře The focus of the course is the discussion on selected issues of the area-urban geography. seminars during the semester in the form of discussions on selected issues of the area-urban geography	
Recommended literature: BEZÁK, A. 1987: Sociálno-priestorová štruktúra Bratislavy v kontexte faktorovej ekológie. Geografický časopis, 39, 3, 272-292. CARTER, H. 1995: The Study of Urban Geography. Fourth edition, Arnold, London, 420 s.	

FERENČUHOVÁ, S. 2011: Meno, mesto, vec. Urbánne plánovanie v sociológii mesta a prípad (post)socialistického Brna. Masarykova univerzita, Medzinárodný politologický ústav, Brno, 275. GATES, L. R., STOUT, F. eds. 2003: The City Reader. 3rd Edition, London: Routledge, 520. KNOX, P., PINCH, S. 2000: Urban Social Geography: An Introduction (London: Prentice Hall), 375. MATLOVIČ, R. 1998: Geografia priestorovej štruktúry mesta Prešov. Geografické práce, roč. VII, č. 1. Fakulta humanitných a prírodných vied Prešovskej univerzity, 122. PACIONE, M. 2000: Urban Geography – A Global Perspective. Routledge, 686. SÝKORA, L. 2000: Geografie města. Texty k přednáškám na internetové stránce Geografie Města.					
Course language:					
Course assessment Total number of assessed students: 124					
A	B	C	D	E	FX
25.81	20.16	20.16	15.32	18.55	0.0
Provides: prof. RNDr. Peter Spišiak, CSc., RNDr. Janetta Nestorová-Dická, PhD., RNDr. Stela Csachová, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Ol'ga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ GRL/13	Course name: Religion Geography
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: At the beginning of semester, students will be told the topics to be drawn up as written report and presented in a slideshow. This part is 40 % of total grading. Acquired knowledge and skills will be proven by written tests during the semester. Their results constitute 60 % of total grading. To obtain A grade, weighted average of the both parts of examination must reach at least 90%, To obtain B it is 80%, for C it is 70%, for D 60% and for E 50%. Credits shall not be granted to a student who obtain less than 50 % from any of both parts of examination.	
Learning outcomes: Students understand the basic attributes of religion, know the spatial distribution of the world's major religions in the context of their history, current dynamics of selected religions in different regions of the world as well as in Slovakia. Students are able to interpret selected religions with emphasis on their relations with other components of geographical sphere.	
Brief outline of the course: Geography of religions is one of the newer disciplines of modern Slovak (human) geography. However, its justification is not in dispute. Religion is a phenomenon that significantly interacts with other components of geographic sphere. It is an important factor influencing the processes of demographic, economic, security-political, but indirectly reflected also in changes in physical-geographical characteristics of the region. During the semester, students should understand the development and current state of religious structure of the world population as well as regional populations, acquaint with individual religions and their paradigmatic worldview, what allows and understanding many of the ongoing processes and phenomena in relation to the broader geographic context.	
Recommended literature: PARK, C., 2004: Religion and geography. In Hinnells, J., ed: Routledge Companion to the Study of Religion. Routledge (London), 556 p. KOREC, P. 2009. Geografia náboženstva. 1. vyd. Bratislava: Prírodovedecká fakulta Univerzity Komenského, učebný text, 89 s. STUMP, R. W., 2008: The geography of religion: faith, place and space. Lanham: Rowman & Littlefield Publishers, 423 p. BUNČÁK, J. 2001: Religiozita na Slovensku a v európskom rámci. Sociológia, 33, 47 – 70.	

IRA, V. 1996: Etnická a religiózna štruktúra obyvateľstva východného Slovenska a percepcia etnických a religióznych napätí. Geografický časopis, 48, 13 – 34.
 IŠTOK, R. MATLOVIČ, R. 1993: Vplyv náboženstva na politický systém v politicko-geografickom kontexte. Medzinárodné otázky, 2, 1-2.

Course language:

Slovak and English

Course assessment

Total number of assessed students: 68

A	B	C	D	E	FX
16.18	30.88	30.88	14.71	4.41	2.94

Provides: prof. RNDr. Peter Spišiak, CSc., Mgr. Ladislav Novotný, PhD.

Date of last modification: 23.02.2017

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ GSA/08		Course name: Geographic systems of nonproductive activities			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course: Geography of tourism - theoretical and methodological background. Potential of the country for the development of tourism and its location conditions. Settlement types and regionalisation of Slovakia from the point of tourism development. Tourism regions in Slovakia. Foreign tourism. Domestic and foreign trade and its role. Regularities of the commodity movement. Basic methods of the transport studies. Use of geographic methods in the geography of transport. Service sector in Slovakia.					
Recommended literature: ČUKA, P., 2004: Stručný prehľad problematiky geografie nevýrobnej sféry, UMB Banská Bystrica, 57 s. JAKOBY, M., KRAUTMANNOVÁ, I., 1998: Zahraničný obchod. In: Sľuby a realita. Slovenská ekonomika 1995-1998. M.E.S.A. 10, Nadácia otvorenej spoločnosti, Inštitút pre verejné otázky, s. 95-101. HALÁS, M., 2000: Zahraničný obchod SR s ČR. Geographical Studies 7, Constantine the Philosopher University Nitra, s. 98-107. MICHALOVÁ, V., ŠUTEROVÁ, V., 1999: Služby a cestovný ruch (I. časť: Služby), Bratislava, SPRINT v.fra, 249 s. SZCZYRBA, Z., 2006: Geografie obchodu - se zaměřením na současné trendy v maloobchodě, PF Univerzita Palackého v Olomouci, 90 s. TOUŠEK, V. a kol., 2008: Ekonomická a sociální geografie. Plzeň, 2008, 411 s.					
Course language:					
Course assessment Total number of assessed students: 235					
A	B	C	D	E	FX
22.13	25.53	24.26	15.74	12.34	0.0
Provides: prof. RNDr. Peter Spišiak, CSc., Mgr. Marián Kulla, PhD.					

Date of last modification: 23.02.2017
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/HOS/15		Course name: Economic Geography of Slovakia			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature: DUBCOVÁ, A. a kol., 2008: Geografia Slovenska. Učebnica geografie pre regionálny rozvoj. 350 s. LAUKO, V., TOLMÁČI, L., DUBCOVÁ, A., 2006: Humánna geografia Slovenskej republiky, Kartprint Bratislava, 200 s. LAUKO, V., TOLMÁČI, L., KRIŽAN, F., GURŇÁK, D., CÁKOCI, R., 2013: Geografia Slovenskej republiky, Humánna geografia. Geografika, 300 s. MICHAELI, E., 1996: Vybrané kapitoly z regionálnej geografie Slovenskej republiky, Cestovný ruch. Metodické centrum, Prešov, 65 s. MICHAELI, E. 1996: Vybrané kapitoly z regionálnej geografie Slovenskej republiky, Priemysel, poľnohospodárstvo. Metodické centrum, Prešov. 71 s. Trend TOP v priemysle, v cestovnom ruchu.					
Course language:					
Course assessment Total number of assessed students: 45					
A	B	C	D	E	FX
35.56	26.67	35.56	2.22	0.0	0.0
Provides: prof. RNDr. Peter Spišiak, CSc., Mgr. Marián Kulla, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteedprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ISU/12		Course name: Information systems on territory			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
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:					
Course assessment Total number of assessed students: 209					
A	B	C	D	E	FX
65.07	18.18	6.22	8.61	1.91	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD., Mgr. Jozef Šupinský					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ KC/03		Course name: Cosmetic chemistry			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion: Seminar report on the selected subjects of cosmetic chemistry and its oral presentation connected with discussion. Terminal examination by oral form.					
Learning outcomes: The basic chemical ingredients in cosmetic products, their isolation from natural sources. The construction of some interesting groups of the organic structures and their application in cosmetic industry.					
Brief outline of the course: Skin and its components. The chemistry of lipids. Lipids, their classification (triacylglycerols, glycerophospholipids and sphingophospholipids), liposomes as transport systems. Fatty acids and alcohols, natural and synthetic waxes. Surfactants, their classification. Antioxidants. Dyes, their classification, organic and inorganic dyes, natural and synthetic. Biological active compounds (amino acids, peptides, proteins hydroxy acids, vitamins, polysaccharides) as the cosmetic ingredients. The chemistry of fragrances. Compounds derived from shikimic acid and mevalonic acid, their biosynthesis, Synthetic fragrances and their construction.					
Recommended literature: 1. S. V. Bhat, B. A. Nagasampagi, M. Sivakumar: Chemistry of Natural Products, Springer Narosa 2005, ISBN 81-7319-481-5. 2. G. Ohloff: Scent and Fragrances, Springer-Verlag Berlin Heidelberg 1994, ISBN 3-540-57108-6. 3. D. H. Pybus, CH. S. Sell: The chemistry of fragrances, Royal Society of Chemistry 1999, ISBN 0-8540-528-7. 4. J. McMurry: Organic chemistry, Brooks/Cole, a Thomson Learning Company 2004, Sixth Edition, ISBN 0534389996.					
Course language:					
Course assessment Total number of assessed students: 86					
A	B	C	D	E	FX
79.07	15.12	4.65	1.16	0.0	0.0

Provides: doc. RNDr. Miroslava Martinková, PhD.
Date of last modification: 24.02.2017
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KSSFaK/ KJPUAP/15		Course name: Culture of Spoken Discourse			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: PhDr. Iveta Bónová, PhD.					
Date of last modification: 18.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
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: present	
Number of credits: 2	
Recommended semester/trimester of the course:	
Course level: I., II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 329	
abs	n
47.11	52.89
Provides: MUDr. Peter Dombrovský, Mgr. Marek Valanský	
Date of last modification: 23.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/KPE/ EPU/15		Course name: Professional Ethics for Teachers and School Counsellors			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2., 4.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 217					
A	B	C	D	E	FX
93.09	5.99	0.92	0.0	0.0	0.0
Provides: Mgr. Lucia Hricová, PhD.					
Date of last modification: 16.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ KUL/12	Course name: Cultural geography
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of credits: 4	
Recommended semester/trimester of the course: 1.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: - presentation of paper on the assignment theme, concluding test – minimum of success rate is 60 %	
Learning outcomes: - deeping and gaining a new knowldiges): - about research object and subject of cultural geography and incorporation of cultural geography in the context of human geographical events, - about cultural develompent on the Earth, - about development and basic feature of civilisation), - about globalization in culture and her trends, etc.).	
Brief outline of the course: 1. Cultural geography, object and subject of resarch and incorporation of cultural geography in the context of human geographically events 2. Cultural geography, object and subject of resarch and incorporation of cultural geography in the context of human geographically events 3. Helping events of cultural geography - history, archaeology, ethnology, ... etc. 4. Cultural development of mankind – its manifestations, artefacts and geographically differentiation 5. Fire paces of world civilization, its origin and genesis. Fundamental characteristics and manifestations, contribution for the present 6. Ethnic, nationality and religion differentiation of world population 7. Cultural landscape, its attributes, components and elements 8. Cultural manifestations mankind in the rural and urban landscape – agriculture, ..., fine art, architecture (styles and its geographical distribution 9. Cultural regions of world - in opinion of various conceptions and authors 10. Cultural regions of Slovakia 11. Educational excursion on the selected theme – for example Jews in the Slovakia – exposition in Prešov, Jews in Košice, etc	
Recommended literature: ANDĚL. J. (1998): Kulturní geografie. UJEP Ústí nad Labem, 146 s. BARŠA, P. Politická teorie multikulturalismu, CDK, 1999. BEŇUŠKOVÁ, Z. et al. Tradičná kultúra regiónov Slovenska.	

BERGMAN, E. F. (1995): Human Geography. Cultures, Connections and Landscapes. Prentice Hall, Engewood Cliffs.

BONNEMAISON, J. (2005): Culture and Space. I. B. Tauris.

COSGROVE, D., JACKSON, P. (1987): New direction in cultural geography. Area, 19, 95-101.

DOSTÁL, P. (1999): Ethnicity, mobilization and territory: an overview of recent experiences. Acta UC, Geographica, XXXIV, 1, s. 45-58. (KgaRR č. 2937)

HEŘMANOVÁ, E., CHROMÝ, P. a kol. (2009). Kulturní regiony a geografie kultury. 1. vyd. Praha: ASPI, a. s., 292-301. ISBN 978-80-7357-339-3.

KRUPA, V., GENZOR, J. (1996): Jazyky sveta v priestore a čase. Veda, SAV Bratislava, 356 s. ISBN 80-224-0459-4, s. 27-43.

MACDONALD, F., MASON, A. (2009): Kultúra Ľudstva. Ottova encyklopédia. Ottovo nakladateľství, s. r. o. Praha, 256 s. ISBN 978-80-7360-469-1

MIKLÓŠ, L. et al. 1996 Prírodné podmienky a kultúra využitia krajiny, Kult.-historické krajinné ekologické podmienky rozvoja B. Štiavnice, Sv. Jura a Lipt. Tepličky, B. Štiavnica

MURRAY, W. E. (2006): Geographies of Globalization. Routledge Contemporary Human Geography. Routledge Taylor & Francis Group London and New York, 32 s.

NEUE KULTURGEOGRAPHIE. Petermanns Geographische Mitteilungen, 2/2003. Themenheft PGM. ISBN 3-623-08102-7

ROGERS, A. (1994): Lidé a kultúry. Nakladatelský dům Praha, 256 s.

Course language:

Slovak

Course assessment

Total number of assessed students: 424

A	B	C	D	E	FX
54.48	31.84	9.67	3.54	0.47	0.0

Provides: prof. RNDr. Peter Spišiak, CSc., Mgr. Marián Kulla, PhD.

Date of last modification: 23.02.2017

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ LKSp/13	Course name: Summer Course-Rafting of TISA River
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course:	
Course level: I., II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 126	
abs	n
45.24	54.76
Provides: Mgr. Peter Bakalár, PhD.	
Date of last modification: 23.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚFV/ MDT06/15	Course name: Modern Didactical Technics
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: All assignments must be uploaded and accepted by teacher. Active participation at seminar with minimum 80% participation.	
Learning outcomes: Student graduated from subject will be able: - recognise basic tools for teaching activities, - to use all types of actual tools in science education, - to design and realise educational activities by using modern technologies.	
Brief outline of the course: 1. Digital teacher's workspace` 2. Digital imaging 3. Digital image processing 4. Digital audio processing 5. Digital video processing 6. Web cam and videoconferencing systems 7. Interactive didactical system (wideboard, voting system) 8. Computer based measurements 9. Digital technologies in everyday life	
Recommended literature: 1. Kireš, M. et al.: Modern didactical technics in teacher practice, Košice: Elfa, 2010, ISBN 788080861353 2. actual information from web sites related to didactical technologies, 3. catalogues of teaching tools, 3. actual articles about modern trends in science education.	
Course language: Slovak, English	
Course assessment Total number of assessed students: 41	

A	B	C	D	E	FX
29.27	48.78	12.2	4.88	4.88	0.0
Provides: doc. RNDr. Jozef Hanč, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPE/MPPa/15	Course name: Supervised Teaching Practice
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 613	
abs	n
99.84	0.16
Provides: doc. PhDr. Beata Gajdošová, PhD., PaedDr. Renáta Orosová, PhD., Mgr. Katarína Petříková, PhD.	
Date of last modification: 07.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/MPPb/15	Course name: Scheduled practice teaching
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present	
Number of credits: 1	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: KPE/MPPa/15 and KPE/PDU/15 and (KPPaPZ/PaSPP/09 or KPPaPZ/PPgU/15)	
Conditions for course completion: During teaching practice, students take 11 observation lessons and teach 1 lessons with their supervising teacher. They submit the portflio including the observation sheets and an evaluation of the student written by a supervising teacher.	
Learning outcomes:	
Brief outline of the course: Students observe geograhny teaching at secondary and primary schools and analyse it with a supervising teacher. Teaching practice is organised continuously throughout the semester, once a week during the 1st and 3rd lesson at primary and secondary schools. After the first two lessons of observation, the students make an analysis of the lessons in the third lesson.	
Recommended literature: Current Geography textbooks at primary and secondary schools in Slovakia	
Course language:	
Course assessment Total number of assessed students: 301	
abs	n
100.0	0.0
Provides: RNDr. Stela Csachová, PhD.	
Date of last modification: 23.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ MPPb/15	Course name: Scheduled practice teaching
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present	
Number of credits: 1	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: KPE/MPPa/15 and KPE/PDU/15 and (KPPaPZ/PaSPP/09 or KPPaPZ/PPgU/15)	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 215	
abs	n
100.0	0.0
Provides: RNDr. Ivana Sotáková, doc. RNDr. Mária Ganajová, CSc.	
Date of last modification: 24.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/MPPc/15	Course name: Continuous practice teaching I
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 4t Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites: ÚGE/MPPb/15	
Conditions for course completion: The students submit the portfolio including observation sheets (6 lessons) and lessons plans (18 lessons) as a confirmation they have pass the teaching practice.	
Learning outcomes:	
Brief outline of the course: Observation lessons with a supervising teacher, consultations, preparing teaching aids, taking geography lessons, methodological analysis of the lessons, active participation at school and extra curricular activities.	
Recommended literature: Current Geography textbooks for primary and secondary schools	
Course language:	
Course assessment Total number of assessed students: 72	
abs	n
100.0	0.0
Provides: RNDr. Stela Csachová, PhD.	
Date of last modification: 23.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/MPPc/15	Course name: Continuous practice teaching I
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 4t Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites: ÚCHV/MPPb/15 or ÚCHV/MPPb/03	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 58	
abs	n
100.0	0.0
Provides: RNDr. Ivana Sotáková, doc. RNDr. Mária Ganajová, CSc.	
Date of last modification: 24.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/MPPd/15	Course name: Continuous practice teaching II
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6t Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites: ÚCHV/MPPc/15	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 36	
abs	n
100.0	0.0
Provides: RNDr. Ivana Sotáková, doc. RNDr. Mária Ganajová, CSc.	
Date of last modification: 24.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/MPPd/15	Course name: Continuous practice teaching II
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6t Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites: ÚGE/MPPc/15	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature: Current Geography textbooks	
Course language:	
Course assessment Total number of assessed students: 58	
abs	n
100.0	0.0
Provides: RNDr. Stela Csachová, PhD.	
Date of last modification: 23.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/MSSU1/14		Course name: Chemistry and Didactics of Chemistry I			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 1					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites: ÚCHV/VKAU/04 and ÚCHV/DCH2/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 51					
A	B	C	D	E	FX
47.06	37.25	13.73	1.96	0.0	0.0
Provides:					
Date of last modification: 27.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/MSSU2/14		Course name: Chemistry and Didactics of Chemistry II			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 1					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites: ÚCHV/VKoch/03 and ÚCHV/DCH2/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 29					
A	B	C	D	E	FX
79.31	13.79	6.9	0.0	0.0	0.0
Provides:					
Date of last modification: 27.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/MT/09		Course name: Class Management			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 455					
A	B	C	D	E	FX
54.07	32.97	9.67	1.54	0.66	1.1
Provides: PaedDr. Renáta Orosová, PhD.					
Date of last modification: 07.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/NGS/06		Course name: German geographical seminar			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion: On the basis of part-time works, 5 in total (à 20 points), the student will receive the end evaluation of the subject. For each work he should acquire minimal 11 points, so 55 points in total.					
Learning outcomes: After the subject attendance the student should be able to communicate with professional german terminology in writing and oral presentation.					
Brief outline of the course: The academic geographical terminology on particular topics of physical and human geography will be concerned. The world professionals of geography in the past and present. The system of university studies in Germany, German geographical periodicals, monographs. Geography of Germany.					
Recommended literature: BAUER, J., ENGLERT, W., MEIER, U., MORGENEYER, F., WALDECK, W., 2002: Physische Geographie kompakt. Spektrum Akademischer Verlag Heidelberg. 192 s. HOLLERBACH, E., NESS, N., 2002: Rhein- von Mainz bis Koeln. Rahmel - Verlag GmbH, Pulheim. 96 s. KOLEKTIV, 2004: Deutschland. Verlag Karl Baedeker Ostfildern. 1182 s. KUBALLA, S., 2001: Unbekanntes Deutschland. ADAC Verlag GmbH Munchen. 432 s. STRAHLER, H.A., STRAHLER, N.A., 1999: Physische Geographie. Verlag Eugen Ulmer Stuttgart. 294 s. ZEPP, H., MÜLLER, M.J., 1999: Landschaftsökologie Erfassungsstandards. Flensburg. 312 s.					
Course language: slovak, german					
Course assessment Total number of assessed students: 14					
A	B	C	D	E	FX
64.29	21.43	0.0	0.0	7.14	7.14
Provides: RNDr. Alena Gessert, PhD.					

Date of last modification: 23.02.2017
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KGER/ NJKG/07		Course name: Communicative Grammar in 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 credits: 2					
Recommended semester/trimester of the course:					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 47					
A	B	C	D	E	FX
53.19	12.77	10.64	4.26	10.64	8.51
Provides: PaedDr. Ingrid Puchalová, PhD.					
Date of last modification: 20.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ NTG/13	Course name: Modern trends in geography teaching
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: active participation at seminars and submission of tasks. Credits will be awarded to a student who actively participates at classes and submits the works on time. Students are focused on subject and methodological projection of tasks with support of digital technologies. Included is also a topic of work with gifted pupils.	
Learning outcomes: The students will master the work with modern teaching tool and modern teaching equipment suitable for geography teaching at primary and secondary schools. The students will be provided with conceptions of field work and inquiry-based learning as well as doing practical activities for geography teaching.	
Brief outline of the course:	
Recommended literature: ČIPKOVÁ, E., KAROLČÍK, Š., ŽARNOVIČAN, H., DROPOVÁ, K., 2015. Vonkajšie prostredie ako priestor pre vzdelávanie a učenie sa. Bratislava: Univerzita Komenského. 294. DUBCOVÁ, A. a kol. 2013. Didaktika geografie v teréne. Nitra: Univerzita Konštantína filozofa FARÁRIK, P. 2013: Geografia moderne a zábavne. Bratislava: Metodické centrum GERSMEHL, P. 2014. Teaching Geography. Third edition. The Guilford Press, 332 s. KARVÁNKOVÁ, P. (ed). 2015. Badatelsky orientované vyučování zeměpisu. Sbírka uloh implementujících badatelsky orientované vyučování v hodinách zeměpisu. 181 s. Využitie informačných a komunikačných technológií v predmete geografia pre základné školy, učebný materiál, Modul 3, UIPŠ, 2010 Využitie informačných a komunikačných technológií v predmete geografia pre stredné školy, učebný materiál, Modul 3, UIPŠ, 2010 vedecké a odborné štúdie časopisov Geografia, Geografické rozhledy, BIGECHE webová stránka, www.olympiady.sk, sekcia Geografická olympiáda	
Course language:	
Course assessment Total number of assessed students: 57	

A	B	C	D	E	FX
43.86	50.88	5.26	0.0	0.0	0.0
Provides: RNDr. Alena Gessert, PhD., RNDr. Stela Csachová, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PASZ/17		Course name: Problémové a agresívne správanie žiakov. Etiológia, prevencia a intervencia.			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 17					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: PhDr. Anna Janovská, PhD.					
Date of last modification: 25.05.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ PDD/17		Course name: Pedagogical Diagnostics			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
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. Renáta Orosová, PhD., Mgr. Lucia Diheneščíková, PhD.					
Date of last modification: 13.06.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteedprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ PDK/17		Course name: Pedagogical Communication			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 8					
A	B	C	D	E	FX
75.0	25.0	0.0	0.0	0.0	0.0
Provides: Mgr. Katarína Petriková, PhD.					
Date of last modification: 13.06.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ PDU/15		Course name: Teaching Methodology and Pedagogy			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1275					
A	B	C	D	E	FX
11.76	25.8	26.2	20.08	8.71	7.45
Provides: PaedDr. Renáta Orosová, PhD., Mgr. Katarína Petriková, PhD., Mgr. Lucia Diheneščíková, PhD.					
Date of last modification: 07.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: CJP/ PFAJAKA/07		Course name: Academic English			
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 credits: 2					
Recommended semester/trimester of the course:					
Course level: I., II., N					
Prerequisites:					
Conditions for course completion: Active classroom participation, 2 absences tolerated (4x45 min.) tolerated. 2 tests (5th/6th week and 12th/13th week), no retake. Minipresentation on chosen topic. Final evaluation- average assessment of tests and presentation. Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less					
Learning outcomes:					
Brief outline of the course:					
Recommended literature: Seal B.: Academic Encounters, CUP, 2002 T. Armer :Cambridge English for Scientists, CUP 2011 M. McCarthy M., O'Dell F. - Academic Vocabulary in Use, CUP 2008 Zemach, D.E, Rumisek, L.A: Academic Writing, Macmillan 2005 Olsen, A. : Active Vocabulary, Pearson, 2013 www.bbclearningenglish.com Cambridge Academic Content Dictionary, CUP, 2009					
Course language: English language, level B2 according to CEFR.					
Course assessment Total number of assessed students: 334					
A	B	C	D	E	FX
29.94	23.65	16.17	11.08	7.49	11.68
Provides: PaedDr. Gabriela Bednáriková					
Date of last modification: 21.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: CJP/ PFAJGA/07		Course name: Communicative Grammar in English			
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 credits: 2					
Recommended semester/trimester of the course:					
Course level: I., II., N					
Prerequisites:					
Conditions for course completion: Active classroom participation (max. 2x90 min. absences tolerated). 2 test (5th/6th and 12/13th week), no retake. Final evaluation- average assessment of tests. Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less.					
Learning outcomes:					
Brief outline of the course:					
Recommended literature: Misztal M.: Thematic Vocabulary, Fragment, 1998 McCarthy, O'Dell: English Vocabulary in Use, 1994 Alexander L.G.: Longman English Grammar, Longman, 1988 Jones I. - Communicative Grammar Practice, CUP, 1992 Vince M.: Macmillan Grammar in Context, Macmillan, 2008 www.bbclearningenglish.com Gráf T., Peters S.: Time to practise, Polyglot, 2007					
Course language:					
Course assessment Total number of assessed students: 389					
A	B	C	D	E	FX
39.33	18.25	16.97	9.0	6.17	10.28
Provides: PaedDr. Gabriela Bednáriková, Mgr. Barbara Mitříková					
Date of last modification: 21.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/ PFAJKKA/07	Course name: Communicative Competence in English
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 credits: 2	
Recommended semester/trimester of the course:	
Course level: I., II., N	
Prerequisites:	
Conditions for course completion: Active participation in class and completed homework assignments. Students are allowed to miss two classes at the most. 2 credit tests (presumably in weeks 6/7 and 12/13) and short academic presentations in English on selected topics. Final grade will be calculated as follows: A 93-100 %, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64 % and less.	
Learning outcomes: Uplatnenie a aktívne používanie svojich teoretických vedomostí v praktických komunikačných situáciách. Zdokonalenie jazykových vedomostí a zručností študenta, rečovej, pragmatickej a vecnej kompetencie, predovšetkým zlepšujú komunikáciu, schopnosť prijímať a formulovať výpovede, efektívne vyjadrovať svoje myšlienky ako aj orientovať sa v obsahovom pláne výpovede. Precvičovanie rečových intencií kontaktných (napr. pozdravy, oslovenia, pozvanie, oslovenie), informatívnych (napr. získavanie a podávanie informácií, vyjadrenie priestorových a časových vzťahov), regulačných (napr. prosba, poďakovanie, zákaz, pochvala, súhlas, nesúhlas) a hodnotiacich (napr. vyjadrenie vlastného názoru, stanoviska, želania, emócií). Výsledkom budovania praktickej jazykovej kompetencie majú byť vedomosti a zručnosti zodpovedajúce požiadavkám a kritériám dokumentu Spoločný európsky referenčný rámec pre vyučovanie jazykov.	
Brief outline of the course: Rodina, jej formy a problémy Vyjadrovanie pocitov a dojmov Dom, bývanie a budúcnosť Formy a dialekty v anglickom jazyku Život v meste a na vidieku Kolokácie a idiomy, zaužívané slovné spojenia Prázdniny a sviatky vo svete Životné prostredie a ekológia Výnimky zo slovosledu Frázové slovesá a ich použitie Charakteristiky neformálneho diškurzu	

Recommended literature:

www.bbclearningenglish.com

McCarthy M., O'Dell F.: English Vocabulary in Use, Upper-Intermediate. CUP, 1994.

Misztal M.: Thematic Vocabulary. SPN, 1998.

Fictumova J., Ceccarelli J., Long T.: Angličtina, konverzace pro pokročilé. Barrister and Principal, 2008.

Peters S., Gráf T.: Time to practise. Polyglot, 2007.

Jones L.: Communicative Grammar Practice. CUP, 1985.

Alexander L.G.: Longman English Grammar. Longman, 1988.

Course language:

English language, B2 level according to CEFR

Course assessment

Total number of assessed students: 211

A	B	C	D	E	FX
36.02	21.33	20.38	10.9	7.58	3.79

Provides: Mgr. Barbara Mitříková

Date of last modification: 21.02.2017

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ POL1/15		Course name: Political geography and geopolitics			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 332					
A	B	C	D	E	FX
37.35	31.02	18.98	9.64	2.41	0.6
Provides: doc. RNDr. Zdenko Hochmuth, CSc., RNDr. Stela Csachová, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/PPD/15		Course name: Pedagogy and Psychology			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 1					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites: KPE/PDU/15 and KPPaPZ/PPgU/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 279					
A	B	C	D	E	FX
27.24	24.73	27.96	15.41	4.3	0.36
Provides:					
Date of last modification: 07.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: Dek. PF UPJŠ/PPZ/13		Course name: Personality Development and Key Competences for Success on a Labour Market			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 14s Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 39					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: RNDr. Peter Stefányi, PhD.					
Date of last modification: 13.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PPgU/15		Course name: Psychology and Educational Psychology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1199					
A	B	C	D	E	FX
10.51	18.93	22.85	22.52	21.93	3.25
Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Lucia Hricová, PhD., PhDr. Anna Janovská, PhD.					
Date of last modification: 16.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteedprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PTPN/17		Course name: Psychológia tvorivosti a práca s nadanými v práci učiteľa			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
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: Mgr. Lucia Hricová, PhD.					
Date of last modification: 25.05.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PUDU/15		Course name: Drug Addiction Prevention in Educational Practice			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 1., 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 204					
A	B	C	D	E	FX
46.57	42.65	9.8	0.98	0.0	0.0
Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Marta Kulanová, PhD., Mgr. Marcela Štefaňáková, Mgr. Bohuš Hajduch					
Date of last modification: 16.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteedprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ PVS2/06	Course name: Population development of world
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Papers on regional principles, building of database about states of world and statistical dates construction – graphs and thematic maps. All introduced condition must by fulfilled minimally on the level 60 %.	
Learning outcomes: Gaining general knowledge and recognising demographic naturallity in megadimensional level (continents and regions of world).	
Brief outline of the course: 1. Demogeography and its object, and the object of study. Population and its geographical attributes, phenomena and processes related to it and determining development. 2. Anthropogeny and initial spread - the migration of mankind. 3. Population patterns at deferent regional levels (specific emphasis on megalevel – world and regions of the world) 4. Basic demogeographic phenomena in the global context. 5. Birth rate and a specific rate in the world - regionalization. 6. Fertility and its specific rates in the world - regionalization. Fertility and its specific rates in the world - regionalization. 7. Morbidity and the specific rates in the world – regionalization 8. Mortality and its specific rates in the world - regionalization. 9. Marriage and its specific rates in the world - regionalization. 10. Divorce and its specific rates in the world - regionalization. 11. The total increase in world population and its geographic differentiation. 12. Structure of world population by cultural attributes. 13. Structure of world population by social and economic attributes. 14. Global migration movements and trends of mankind. 15. Globalization and population development.	
Recommended literature: MLÁDEK, J. 1992: Základy geografie obyvateľstva. SPN Bratislava.230 s. KOSIŇSKI, L. 1967: Geografia ludności. PWN Warszawa, 236 s. PODOLÁK, P. 2007: Migrácie vo svete. Forum statisticum slovacum 3. SŠDS Bratislava, s. 193-196.	

VALLIN, J. 1992: Světové obyvatelstvo. Academia Praha, 148 s. ISBN 80-200-0437-8
WATTENBERG, B., J. 2004: How the New Demography of Depopulation Will Shape Our Future. Chicago: R. Dee, ISBN 1-56663-606-X
ČASOPISY: GEOGRAFIA, DEMOGRAFIE
Výročné správy Populačného fondu OSN (UNFPA)
World Population Data Sheet 2007
www.rozvojovevzdelavanie.sk
www stránky: www.fao.com, www.infoplease.com, www.
www.census.com, www.who.com, www.statistics.sk

Course language:

Slovak

Course assessment

Total number of assessed students: 151

A	B	C	D	E	FX
47.68	35.76	13.25	2.65	0.66	0.0

Provides: RNDr. Janetta Nestorová-Dická, PhD.

Date of last modification: 23.02.2017

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PsZ/15		Course name: Psychology of Health			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 50					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Jozef Benka, PhD. et PhD.					
Date of last modification: 16.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/RGEU/17		Course name: Regionálna geografia Európy			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 1 Per study period: 42 / 14 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 1.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 31					
A	B	C	D	E	FX
12.9	29.03	51.61	6.45	0.0	0.0
Provides: doc. RNDr. Zdenko Hochmuth, CSc., RNDr. Stela Csachová, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ SAZ1/15		Course name: Stereochemistry of Inorganic Compounds			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 3					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course: Symmetry, elements of symmetry, point groups, symmetrical properties of orbitals and bonds. Principles of stereochemistry, VSEPR, configuration of molecules, polyhedra, regular and semiregular polyhedra. Valence shells with 4 – 12 electron pairs, geometry of molecules and periodic system.					
Recommended literature: Kepert, D. L.: Inorganic Stereochemistry. Springer-Verlag, Berlin, 1982. Kettle, S. F. A.: Symmetry and Structure. John Wiley & Sons, New York, 1985.					
Course language:					
Course assessment Total number of assessed students: 10					
A	B	C	D	E	FX
60.0	10.0	10.0	20.0	0.0	0.0
Provides: doc. RNDr. Vladimír Zelenák, PhD.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/SDG/03	Course name: Seminar of didactics of geography
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course: Seminars are designed in a way of students' videotaped microteaching. Their classmates simulate the class in which the lesson is executed. Students meet with various topics concerning teaching geography - methods, forms, educational tools and interdisciplinary relations. Methodologies are introduced via topics of physical, human and regional geographies.	
Recommended literature: ČIŽMÁROVÁ, K. 2000: Didaktika geografie I. Banská Bystrica: Univerzita Mateja Bela ČIŽMÁROVÁ, K. 2006: Didaktika II. Banská Bystrica: Univerzita Mateja Bela GAVORA, P. 2011: Akí sú moji žiaci. Nitra: Enigma KANCÍR, J., MADZIKOVÁ, A. 2011: Didaktika vlastivedy. Prešov: Prešovská univerzita KOLAŘÍK, M. 2011: Interakční psychologický výcvik. Praha: Grada KÚNHLOVÁ, H. 1999: Kapitoly z didaktiky geografie, Praha: Univerzita Karlova LIKAVSKÝ, P. 2006: Všeobecná didaktika geografie. Bratislava: Univerzita Komenského učebnice Geografie pre základné a stredné školy ČIŽMÁROVÁ, K. 2000: Didaktika geografie I. Banská Bystrica: Univerzita Mateja Bela ČIŽMÁROVÁ, K. 2006: Didaktika II. Banská Bystrica: Univerzita Mateja Bela GAVORA, P. 2011: Akí sú moji žiaci. Nitra: Enigma KÚNHLOVÁ, H. 1999: Kapitoly z didaktiky geografie, Praha: Univerzita Karlova LIKAVSKÝ, P. 2006: Všeobecná didaktika geografie. Bratislava: Univerzita Komenského učebnice Geografie pre základné a stredné školy MADZIKOVÁ, A., KANCÍR, J. 2015. Didaktika geografie. Prešov: Prešovská univerzita Metodický portál Lepšia geografia www.lepsiageografia.sk Koncepcie geografie www.egeografie.cz vedecké a odborné štúdie z časopisov Geografické rozhledy, Geografia - časopis pre základné, stredné a vysoké školy, BIGECHE a i.	
Course language:	
Course assessment Total number of assessed students: 304	

A	B	C	D	E	FX
53.29	32.57	10.2	3.95	0.0	0.0
Provides: RNDr. Stela Csachová, PhD.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPO/SDaM/15		Course name: Child and Adolescent Sociology			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 831					
A	B	C	D	E	FX
49.94	29.6	15.4	3.37	1.32	0.36
Provides: Mgr. Alexander Onufrák, PhD.					
Date of last modification: 17.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ SEDK/15		Course name: Structure, aesthetics and design of landscape			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 121					
A	B	C	D	E	FX
82.64	16.53	0.83	0.0	0.0	0.0
Provides: doc. RNDr. Zdenko Hochmuth, CSc.					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/SNP/09		Course name: Mobbing, Violence and Their Prevention			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 83					
A	B	C	D	E	FX
80.72	18.07	1.2	0.0	0.0	0.0
Provides: Mgr. Mária Bačíková, PhD.					
Date of last modification: 16.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/SPC1a/03		Course name: Special practising the school experiments 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 credits: 5					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion: Continuous checking of theoretical preparation, development of report and presentation. Semestral test					
Learning outcomes: The aim of this subject is learn of basic experimental skillfulness in techniques in school experiment with accent on safety and health protections of students at scholar experimental work.					
Brief outline of the course: Selection and arrangement of chemical experiments as the demonstrative experiments, or pupils ' experiments to themes basic laws of chemistry, determination of constant physicochemical, factors influence speed of chemical reaction, experiments from electrochemistry, creating gases; preparation works characters of quantitative, interesting experiments of everyday life.					
Recommended literature: 1. Ganajová, M., Dzurillová, M. 2005: Školské pokusy z chémie I. UPJŠ v Košiciach, Prírodovedecká fakulta, 140 s. ISBN 80-7097-617-9 2. Ganajová, M. 2005: Chemické experimenty s vybranými produktami z obchodu. UPJŠ v Košiciach, Prírodovedecká fakulta, 110 s. ISBN 80-7097-611-X 3. Tomeček, O.: Školská experimentálna semimikrosúprava. Učebné pomôcky Banská Bystrica 1980 4. The primary and secondary textbook of chemistry 5. http://kekule.science.upjs.sk – (ŠIS)					
Course language:					
Course assessment Total number of assessed students: 223					
A	B	C	D	E	FX
65.02	27.35	6.73	0.9	0.0	0.0
Provides: doc. RNDr. Mária Ganajová, CSc., RNDr. Ivana Sotáková					
Date of last modification: 24.02.2017					

Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová,
CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ SPC1b/03	Course name: Special practising the school experiments II
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 credits: 3	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: The knowledge of the reaction mechanism of the main tests of several organic compounds derivatives and the ability of their laboratory realization are required. Written tests: more than 50% from each one is required.	
Learning outcomes: The students will become familiar with the basic laboratory skills and techniques that they can apply in demonstrating experiments in their future career as a teacher. The rules of healthy and safety laboratory work are emphasised.	
Brief outline of the course: Qualitative analysis of organic compounds Alkanes - preparation of methane Alkenes preparation and addition reactions of ethene, addition reaction of β -carotene Alkynes, Aromatic hydrocarbons and their derivatives – preparation of benzene, aromatic electrophilic substitution reactions – nitration of toluene and naphthalene, preparation of benzyl bromide Halogenoderivatives – preparation of chloroethane, chloroform, methyl iodide, iodoform Hydroxoderivatives – properties and reactivity - methanol, ethanol, ethylene glycol, glycerol, preparation of sodium ethanolate and sodium phenoxide, bromation of phenol, colour reactions of phenols, naphthols Oxoderivatives – diethyl ether – preparation and properties, Aldehydes and Ketones – preparation of formaldehyde, oxidation of formaldehyde, acetone – addition of sodium hydrogensulfite Carboxylic acids and their derivatives – preparation and properties of soap Natural compounds – carbohydrates, proteins, amino acids, lipids Factors that affect the rate of chemical reactions – temperature and concentration Isolation of the fragrant components using steam distillation	
Recommended literature: 1. Smik, L., Merva, L., Brutovská, A: Technika a didaktika školských pokusov, Vyd.Rektorát UPJŠ,Košice,1988 2. Smik, L. a kol.: Špeciálna didaktika chémie II., Vyd.Rektorát UPJŠ,Košice, 1984 3. Internal scripts -Školské pokusy z organickej chémie	

Course language: slovak					
Course assessment Total number of assessed students: 216					
A	B	C	D	E	FX
41.2	27.31	18.98	8.8	3.7	0.0
Provides: RNDr. Jana Špaková Raschmanová, PhD., RNDr. Ján Elečko, PhD.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhD. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/STA1/03		Course name: Structure Analysis			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites:					
Conditions for course completion: 2 written tests. 30 % The final examination is in a written form. The final mark is based on the results from current and final tests.					
Learning outcomes: Students get an overview about the symmetry at the micro- and macrostructure level and about diffraction methods used for the crystal structure determination and they will learn how to use the results of the crystal structure analysis in their own work.					
Brief outline of the course: Macrostructure and microstructure symmetry, individual work with space groups. Theoretical basis of the diffraction experiment. Practical aspects of crystal structure solution. Processing the results of structural analysis. Theoretical basis, practical aspects and possibilities of X-ray powder diffraction analysis, its use at work of a chemist.					
Recommended literature: Massa, W.: Crystal structure determination, 2nd edition. Springer 2004. Clegg, W. et al.: Crystal structure analysis. Principles and practice. Oxford University Press 2009. Hahn, T.: International tables for crystallography, Vol. A. Kluwer Academic Publishers 2002. Stout, G.H. & Jensen, L.H.: X-ray Structure Determination. Macmillan Publishing Co., Inc. 1968. Klug, H.P. & Alexander, L.E.: X-Ray diffraction procedures for polycrystalline and amorphous materials. John Wiley & Sons, Inc. 1970.					
Course language: Slovak and English					
Course assessment Total number of assessed students: 100					
A	B	C	D	E	FX
29.0	16.0	27.0	19.0	8.0	1.0
Provides: doc. RNDr. Ivan Potočník, PhD.					

Date of last modification: 24.02.2017
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Ol'ga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/SVG/04		Course name: Students scientific conference of geography			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course: After choosing a topic suggested by supervisors implying a geographical problem, the students will work on the topic, write a thesis and defense it before the committee.					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 153					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Zdenko Hochmuth, CSc., prof. RNDr. Peter Spišiak, CSc., RNDr. Dušan Barabas, CSc., RNDr. Alena Gessert, PhD., RNDr. Janetta Nestorová-Dická, PhD., Mgr. Marián Kulla, PhD., Ing. Katarína Bónová, PhD., RNDr. Stela Csachová, PhD.					
Date of last modification: 23.02.2017					
Approved: Guarantee doc. RNDr. Mária Ganajová, CSc. Guarantee prof. PhDr. Oľga Orosová, CSc. Guarantee doc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ TTUP/15		Course name: Creating Text Teaching Aids			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 103					
A	B	C	D	E	FX
48.54	33.98	10.68	4.85	1.94	0.0
Provides: PaedDr. Renáta Orosová, PhD., Mgr. Katarína Petriková, PhD.					
Date of last modification: 07.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Science							
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: present							
Number of credits: 2							
Recommended semester/trimester of the course: 1.							
Course level: I., I.II., II.							
Prerequisites:							
Conditions for course completion:							
Learning outcomes:							
Brief outline of the course:							
Recommended literature:							
Course language:							
Course assessment Total number of assessed students: 10457							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
88.25	0.0	0.0	0.0	0.0	0.02	7.81	3.92
Provides: Mgr. Peter Bakalár, PhD., Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, Mgr. Zuzana Küchelová, PhD., PaedDr. Jana Potočnicková, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Aurel Zelko, PhD., Mgr. Marcel Čurgali, doc. PhDr. Ivan Šulc, CSc.							
Date of last modification: 23.02.2017							
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.							

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Science							
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: present							
Number of credits: 2							
Recommended semester/trimester of the course: 2.							
Course level: I., I.II., II.							
Prerequisites:							
Conditions for course completion:							
Learning outcomes:							
Brief outline of the course:							
Recommended literature:							
Course language:							
Course assessment Total number of assessed students: 9779							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.09	0.61	0.02	0.0	0.0	0.02	10.36	3.9
Provides: Mgr. Peter Bakalár, PhD., Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, Mgr. Zuzana Küchelová, PhD., PaedDr. Jana Potočnicková, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Aurel Zelko, PhD., Mgr. Marcel Čurgali, doc. PhDr. Ivan Šulc, CSc.							
Date of last modification: 23.02.2017							
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.							

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Science							
Course ID: ÚTVŠ/ TVc/11		Course name: Sports Activities III.					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present							
Number of credits: 2							
Recommended semester/trimester of the course: 3.							
Course level: I., I.II., II.							
Prerequisites:							
Conditions for course completion:							
Learning outcomes:							
Brief outline of the course:							
Recommended literature:							
Course language:							
Course assessment Total number of assessed students: 6188							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
89.66	0.03	0.0	0.0	0.0	0.0	4.36	5.95
Provides: PaedDr. Jana Potočnicková, PhD., Mgr. Marcel Čurgali, Mgr. Peter Bakalár, PhD., Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Aurel Zelko, PhD., doc. PhDr. Ivan Šulc, CSc.							
Date of last modification: 23.02.2017							
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.							

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Science							
Course ID: ÚTVŠ/ TVd/11		Course name: Sports Activities IV.					
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present							
Number of credits: 2							
Recommended semester/trimester of the course: 4.							
Course level: I., I.II., II.							
Prerequisites:							
Conditions for course completion:							
Learning outcomes:							
Brief outline of the course:							
Recommended literature:							
Course language:							
Course assessment Total number of assessed students: 4644							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.66	0.32	0.04	0.0	0.0	0.0	6.61	7.36
Provides: Mgr. Marcel Čurgali, Mgr. Peter Bakalár, PhD., Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, Mgr. Zuzana Küchelová, PhD., PaedDr. Jana Potočnicková, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Aurel Zelko, PhD., doc. PhDr. Ivan Šulc, CSc.							
Date of last modification: 23.02.2017							
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.							

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ UECH/03	Course name: Introduction to Environmental Chemistry
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of credits: 5	
Recommended semester/trimester of the course: 1., 3.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Oral examination	
Learning outcomes: Introduction to topics in environmental chemistry and basic procedures applied for environmental protection.	
Brief outline of the course: Introduction to Environmental Chemistry Chemical aspects of pollution and environmental problems. Composition and behavior of the atmosphere. Energy balance of the Earth and climate changes. Principles of photochemistry, photoprocesses in the atmosphere. Petroleum, hydrocarbons and coal (characteristics, sources and environmental pollution). Soaps, polymers and synthetic surfactants. Haloorganics and pesticides. Environmental chemistry of some important elements (C, N, S, P, halogens, biologically important metals ...). Environmental chemistry in aqueous media. Aqueous systems, parameters, cycles and their protection. The Earth's crust (rocks, minerals, soils). Natural and artificial radioactivity, utilization. Energy and energy sources (fossil fuels, nuclear, geothermal, solar energy, wind and water energy). Solid waste disposal and recycling.	
Recommended literature: 1. Gary W. van Loon, Stephen J. Duffy : Environmental Chemistry - A Global Perspective, Oxford University Press, Oxford 2003 2. R.A. Bailey, H.M. Clark, J.P. Ferris, S. Krause, R.L. Strong : Chemistry of the Environment, Academic Press, San Diego 2002 3. G. Schwedt: The Essential Guide to Environmental Chemistry, Wiley and Sons, London 2001 4. R.N. Reeve, J.D. Barnes: General Environmental Chemistry, Wiley, London 1994 5. G. Burton, J. Holman, G. Pilling, D. Waddington: Chemical Storylines, Heinemann, Oxford, London 1994 6. www	
Course language:	
Course assessment Total number of assessed students: 208	

A	B	C	D	E	FX
48.56	20.67	15.87	8.65	6.25	0.0
Provides: doc. RNDr. Andrea Straková Fedorková, PhD.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/UPN/17		Course name: Úvod do psychológie náboženstva			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Jozef Benka, PhD. et PhD.					
Date of last modification: 25.05.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/UPR/15		Course name: The Art of Aiding by Verbal Exchange			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 82					
A	B	C	D	E	FX
92.68	2.44	3.66	1.22	0.0	0.0
Provides: Mgr. Ondrej Kalina, PhD.					
Date of last modification: 16.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ VKACH/03		Course name: Selected Topics in Analytical Chemistry			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course: Classical methods of analytical chemistry - volumetric analysis, gravimetry. Review of analytical instrumental methods. New analytical techniques for characterization and identifications of analytes.					
Recommended literature: Skoog D.A.: Principles of Instrumental Analysis. Saunders Col. Publishing, New York 1985. D.Harvey: Modern Analytical Chemistry. McGraw Hill, Boston, 2000.					
Course language:					
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: doc. RNDr. Taťána Gondová, CSc.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ VKAU/04		Course name: Selected Topics in Inorganic Chemistry			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature: Greenwood, N.N., Earnshaw, A.: Chemistry of the elements I and II, Pergamon Press N.Y., 1993. C. N. R. Rao, A. Muller, A. K. Cheetham: The Chemistry of Nanomaterials (Vol. 1,2), Wiley-VCH, 2006. Atkins O., Overton T., Rourke J., Weller M., Armstrong F.: Inorganic Chemistry, University Press, Oxford, 2006.					
Course language:					
Course assessment Total number of assessed students: 31					
A	B	C	D	E	FX
45.16	19.35	22.58	6.45	6.45	0.0
Provides: doc. RNDr. Vladimír Zeleňák, PhD.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ VKCH/10	Course name: Vybrané kapitoly z chémie
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of credits: 4	
Recommended semester/trimester of the course: 1., 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Terminal examination by written form.	
Learning outcomes: Organic chemistry: The general review on the basic chemistry of saccharides, lipids, amino acids and peptides. Inorganic chemistry: To get acquaintance of the students with the stereochemistry of inorganic compounds, methods of the study and its influence on the properties of the compounds. Moreover to get acquaintance of the students with actual direction of inorganic chemistry in the area of nanomaterials.	
Brief outline of the course: Organic chemistry: Nomenclature of monosaccharides, their stereochemistry (the Fischer projection, the Haworth projection, conformation of sugars). Monosaccharide derivatives. Ascending reactions. Oligosaccharides and polysaccharides. Lipids, their structure and classification. Groups of lipids. Triacylglycerols, glycerophospholipids sfingophospholipids, glycosphingolipids. Amino acids, their nomenclature, classification and stereochemistry. Synthesis of amino acids. Nonribosomal construction of peptides. Inorganic chemistry: Symmetry, elements of symmetry, point groups, symmetrical properties of orbitals and bonds. Principles of stereochemistry, VSEPR, configuration of molecules, polyhedra, regular and semiregular polyhedra, the use of concept of symmetry in IR and UV-VIS spectroscopy. Nanochemistry - definition, bonds in nanoparticles and nanopowders, interactions between nanoparticles. Unique properties of nanomaterials, new methods of the synthesis of nanomaterials.	
Recommended literature: J. McMurry: Organic chemistry, Brooks/Cole, a Thomson Learning Company 2004, Sixth Edition, ISBN 0534389996. J. Chomič: Stereochemistry of inorganic compounds, UPJŠ Košice, 1988. K. J. Klabunde, R. M. Richards: Nanoscale Materials in Chemistry, Wiley-CH, 2009.	
Course language:	

Course assessment					
Total number of assessed students: 157					
A	B	C	D	E	FX
22.93	25.48	35.03	13.38	2.55	0.64
Provides: doc. RNDr. Mária Kožurková, CSc., doc. RNDr. Vladimír Zeleňák, PhD., doc. RNDr. Miroslava Martinková, PhD.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ VKOCH/03		Course name: Selected topics in organic chemistry			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 100					
A	B	C	D	E	FX
34.0	25.0	21.0	14.0	6.0	0.0
Provides: doc. RNDr. Ján Imrich, CSc.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/VP/09		Course name: Educational Counselling			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 119					
A	B	C	D	E	FX
56.3	26.89	10.08	5.04	1.68	0.0
Provides: PhDr. Anna Janovská, PhD.					
Date of last modification: 16.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/VPU/17		Course name: Vývinová psychológia pre učiteľov			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 13					
A	B	C	D	E	FX
38.46	46.15	15.38	0.0	0.0	0.0
Provides: Mgr. Mária Bačíková, PhD.					
Date of last modification: 25.05.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KSSFaK/VSJU/15		Course name: Slovak Language for Teachers			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 1., 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 40					
A	B	C	D	E	FX
12.5	32.5	27.5	20.0	7.5	0.0
Provides: PhDr. Iveta Bónová, PhD., Mgr. Lucia Jasinská, PhD., Mgr. Lena Ivančová, PhD.					
Date of last modification: 18.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/XBCH/04		Course name: Xenobiochemistry			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 3 Per study period: 42 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion: test					
Learning outcomes: Students obtained modern knowledge of xenobiotics metabolism in living organisms					
Brief outline of the course: Characterization of metabolism of xenobiotics in the liver. The basic types of biotransformation reactions - oxidation, reduction, hydrolysis, conjugation. Biotransformation enzymes. Free radicals and their effects, lipid peroxidation.					
Recommended literature: Z. Ďuračková: Voľné radikály a antioxidy v medicíne, Slovak akademik press 1998. Z.Vodrážka : Biochémia, Praha, 1996. A. Jindra: Biochémia, molekulárnobiologické a farmakologické aspekty, Praha, 1985.					
Course language:					
Course assessment Total number of assessed students: 56					
A	B	C	D	E	FX
66.07	17.86	8.93	1.79	5.36	0.0
Provides: RNDr. Danica Sabolová, PhD.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚGE/ ZAE/15		Course name: Foreign Excursion			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 10d Course method: present					
Number of credits: 3					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 323					
A	B	C	D	E	FX
86.38	6.81	3.72	1.55	0.0	1.55
Provides:					
Date of last modification: 23.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice							
Faculty: Faculty of Science							
Course ID: ÚCHV/ ZCVU/04		Course name: Chemical Engineering					
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present							
Number of credits: 5							
Recommended semester/trimester of the course: 2., 4.							
Course level: II., III.							
Prerequisites:							
Conditions for course completion:							
Learning outcomes:							
Brief outline of the course: General and Inorganic Engineering; Mineral raw materials; Raw materials processing, transport and holding; Chemical reactors; Chemical metallurgy – Fe, Al, Cu working; Inorganic acids manufacture (H ₂ SO ₄ , HNO ₃ , HCl, HF, H ₃ PO ₄); Industrial electrochemistry; Industrial fertilizers; Silicate industry – cement manufacture, ceramics; Petrochemistry							
Recommended literature:							
Course language:							
Course assessment Total number of assessed students: 5							
A	B	C	D	E	FX	N	P
20.0	60.0	20.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. RNDr. Zuzana Vargová, Ph.D.							
Date of last modification: 24.02.2017							
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.							

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/ZMPPV/15		Course name: The Fundamentals of Pedagogico-Psychological Research Methodology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites: KPPaPZ/PPgU/15 and KPE/PDU/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 297					
A	B	C	D	E	FX
14.48	24.58	24.92	21.89	13.8	0.34
Provides: Mgr. Mária Bačíková, PhD., PhDr. Anna Janovská, PhD.					
Date of last modification: 16.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc. Guaranteedprof. PhDr. Oľga Orosová, CSc. Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ ZSP/15		Course name: Essentials of Special 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 credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 194					
A	B	C	D	E	FX
35.05	36.08	18.56	8.25	2.06	0.0
Provides: Mgr. Lucia Diheneščíková, PhD.					
Date of last modification: 07.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ ZTOX/04		Course name: Basic Toxicology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes: Goal of the course is to provide the students with a knowledge of types of toxic substances and their metabolism, safe and handling of toxic substances.					
Brief outline of the course: Historical aspects, types of toxic substances, types of exposure, dose-response relationship. Disposition of toxic compounds (absorption, distribution, excretion of toxic compounds). Metabolism of toxic compounds. Drugs as toxic substances, food additives and contaminants, environmental pollutants. Statement of chemistry laboratory policy. Safe and handling of toxic substances.					
Recommended literature: G. F. Fuhrman: Allgemeine Toxikologie fuer Chemiker, Teubner Verlag, Stuttgart 1984. V. E. Forbes, T. L. Forbe: Ecotoxicology in Theory and Practice, Chapman&Hall, London 1994. J. A. Timbrell: Introduction to Toxicology, Taylor&Francis, London 1994.					
Course language:					
Course assessment Total number of assessed students: 288					
A	B	C	D	E	FX
21.18	28.13	23.61	17.36	8.33	1.39
Provides: RNDr. Miroslava Matiková-Maľarová, PhD.					
Date of last modification: 24.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ ZZP/12		Course name: Experiential Education			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 1., 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 143					
A	B	C	D	E	FX
36.36	44.76	16.08	2.8	0.0	0.0
Provides: PaedDr. Renáta Orosová, PhD., prof. Volodymyr Starosta, DrSc.					
Date of last modification: 07.02.2017					
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
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: present	
Number of credits: 2	
Recommended semester/trimester of the course:	
Course level: I., II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 15	
abs	n
26.67	73.33
Provides: Mgr. Alena Buková, PhD., Mgr. Agata Horbacz, PhD.	
Date of last modification: 23.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KSSFaK/ ČGUAP/15	Course name: Reading Literacy in Educational Process
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 18	
abs	n
100.0	0.0
Provides: doc. PaedDr. Ivica Hajdučková, PhD.	
Date of last modification: 18.02.2017	
Approved: Guaranteedoc. RNDr. Mária Ganajová, CSc.Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteedoc. RNDr. Zdenko Hochmuth, CSc.	