

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ ACL/03		Course name: Human Anatomy			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Written examination					
Learning outcomes: Anatomic systems of man.					
Brief outline of the course: Anatomic terminology, skeleton and muscles, gastrointestinal system, respiratory system, circulatory and lymphatic system, urogenital system, sensory organs, nervous system, ontogenesis of man.					
Recommended literature: Kahle, W., Leonhardt, H., Platzer, W. : Color Atlas and Textbook of Human Anatomy in 3 Volumes : Volume 1 : Locomotor System, Volume 2: Internal Organs and Volume 3: Nervous System and Sensory Organs Thieme Medical Publishers, Inc. New York, 1993 Anne M. R. Agur : Grant's atlas of anatomy. Williams et Wilkins, USA, 1991					
Course language:					
Course assessment Total number of assessed students: 1652					
A	B	C	D	E	FX
4.6	16.71	27.36	25.48	22.82	3.03
Provides: RNDr. Juraj Ševc, PhD., RNDr. Anna Alexovič Matiašová, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ ALP/06		Course name: Alternative Education			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 180					
A	B	C	D	E	FX
66.11	30.56	0.56	1.11	0.56	1.11
Provides: Mgr. Katarína Petriková, PhD.					
Date of last modification: 23.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ BDD/05		Course name: Biology of Children and Adolescents			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 0 Per study period: 28 / 0 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Written test					
Learning outcomes: The aim of the subject is to gain the particular level of knowledge about human body and its development. It is necessary for the understanding of specific biological characteristics of children and adolescents linked to development.					
Brief outline of the course: Human ontogenesis. Postnatal development. Age specific features of skeletal and muscular, circulatory, respiratory, gastrointestinal and urinary systems. Reproductive system. Endocrine system. Nervous system. Age specifics of selected diseases and drug dependence arise. Human population and environment.					
Recommended literature: Drobný I., Drobná M.: Biológia dieťaťa pre špeciálnych pedagógov I. a II. Bratislava, PdF UK, 2000 Lipková V.: Somatický a fyziologický vývoj dieťaťa. Osveta Bratislava, 1980 Malá H., Klementa J.: Biológia detí a dorastu. Bratislava, SPN, 1989					
Course language:					
Course assessment Total number of assessed students: 1402					
A	B	C	D	E	FX
30.53	22.97	17.9	18.12	9.91	0.57
Provides: doc. RNDr. Monika Kassayová, CSc.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ BKP/14	Course name: Bachelor Project
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.	
Prerequisites:	
Conditions for course completion: Submission of the bachelor project, the defense of the project and acceptance of its content by the supervisor.	
Learning outcomes:	
Brief outline of the course:	
Recommended literature: 1. Scientific papers related to the topic of the bachelor project. 2. Directive No. 1/2011 of the rector UPJS in Košice.	
Course language:	
Course assessment Total number of assessed students: 71	
abs	n
100.0	0.0
Provides:	
Date of last modification: 23.02.2018	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/BO1/03		Course name: Botany I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes: Introduction to biology of lower plants.					
Brief outline of the course: Morphology, cytology, ecology, evolution and taxonomy of all main groups of lower plants. Cyanobacteria and algae (Cyanophyta, Prochlorophyta, Glaucophyta, Rhodophyta, Heterocontophyta, Haptophyta, Cryptophyta, Dinophyta, Euglenophyta, Chlorarachniophyta, Chlorophyta). Slime moulds (Plasmodiophoromycota, Dictyosteliomycota, Acrasiomycota, Labyrinthulomycota). Fungi (Oomycota, Hyphochytriomycota, Chytridiomycota, Zygomycota, Ascomycota, Basidiomycota). Lichens. Bryophytes. Literature: Deacon, J.W. (1998) Modern Mycology. Blackwell Science Ltd.					
Recommended literature: Bačkor, M.: Základy systému nižších rastlín I. (sinice, riasy a slizovky). UPJŠ, Košice 2002; Deacon, J.W. (1998) Modern Mycology. Blackwell Science Ltd. Van den Hoek, C. a kol. 1995: Algae, an introduction to phycology, Záhorovská E. a kol.: Systém a evolúcia nižších rastlín. UK Bratislava 1998					
Course language:					
Course assessment Total number of assessed students: 1656					
A	B	C	D	E	FX
13.41	19.26	25.24	20.23	19.2	2.66
Provides: prof. RNDr. Martin Bačkor, DrSc., RNDr. Michal Goga, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ BO1/15		Course name: Botany I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes: Introduction to biology of lower plants.					
Brief outline of the course: Morphology, cytology, ecology, evolution and taxonomy of all main groups of lower plants. Cyanobacteria and algae (Cyanophyta, Prochlorophyta, Glaucophyta, Rhodophyta, Heterocontophyta, Haptophyta, Cryptophyta, Dinophyta, Euglenophyta, Chlorarachniophyta, Chlorophyta). Slime moulds (Plasmodiophoromycota, Dictyosteliomycota, Acrasiomycota, Labyrinthulomycota). Fungi (Oomycota, Hyphochytriomycota, Chytridiomycota, Zygomycota, Ascomycota, Basidiomycota). Lichens. Bryophytes. Literature: Deacon, J.W. (1998) Modern Mycology. Blackwell Science Ltd.					
Recommended literature: Bačkor, M.: Základy systému nižších rastlín I. (sinice, riasy a slizovky). UPJŠ, Košice 2002; Deacon, J.W. (1998) Modern Mycology. Blackwell Science Ltd. Van den Hoek, C. a kol. 1995: Algae, an introduction to phycology, Záhorovská E. a kol.: Systém a evolúcia nižších rastlín. UK Bratislava 1998					
Course language:					
Course assessment Total number of assessed students: 214					
A	B	C	D	E	FX
26.64	16.82	23.83	18.69	11.21	2.8
Provides: prof. RNDr. Martin Bačkor, DrSc., RNDr. Michal Goga, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhD. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/BOT1/15		Course name: Botany II			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites: ÚBEV/TCB1/03					
Conditions for course completion: Practical and theoretical exam.					
Learning outcomes: To obtain of survey in knowledge and methods in systematics of tracheophytes.					
Brief outline of the course: History and present time of plant systematics. Approaches to plant classification. Principles of cladistics and molecular taxonomy. Tracheophytes, clades of lycophytes, ferns and allies. Seed plants. Gymnosperms and their evolution: cycads, ginkgos, conifers, gnetophytes. Angiosperms. Evolution and general description. Basal clades and Magnoliid clade. Monocots. "Basal tricolpates" and Caryophyllid clade. Rosid and asterid clades of tricolpates. Practices are devoted to study of the most important families of tracheophytes. Fossil evidence of ferns and allies from Palaeozoic age. Tropical a subtropical flora. Ferns. Practical study of conifers. Selected families of angiosperms. (<i>Magnoliaceae, Araceae, Liliaceae, Amaryllidaceae, Cyperaceae, Poaceae, Ranunculaceae, Papaveraceae, Caryophyllaceae, Euphorbiaceae, Violaceae, Fabaceae, Rosaceae, Betulaceae, Brassicaceae, Boraginaceae, Plantaginaceae, Lamiaceae, Apiaceae, Asteraceae</i>). Study of other seed plants, plant identification according to key.					
Recommended literature: Mártonfi P.: Systematika cievnatých rastlín, 2. vydanie. - ES UPJŠ, Košice, 2006. Mártonfi P.: Systematika cievnatých rastlín. - ES UPJŠ, Košice, 2003. Judd W. S., Campbell Ch. S., Kellogg E. A. & Stevens P. F., Donoghue M. J.: Plant Systematics. A phylogenetic Approach, 2nd ed. - Sinauer Associates, Sunderland, 2002. Dostál J., Červenka M.: Veľký kľúč na určovanie rastlín I. a II. - SPN, Bratislava, 1991 a 1992.					
Course language:					
Course assessment Total number of assessed students: 263					
A	B	C	D	E	FX
14.45	13.31	26.62	22.81	14.07	8.75
Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčík, PhD.					

Date of last modification: 23.02.2018
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/BOT1/03		Course name: Botany II			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites: ÚBEV/TCB1/03					
Conditions for course completion: Practical and theoretical exam.					
Learning outcomes: To obtain of survey in knowledge and methods in systematics of tracheophytes.					
Brief outline of the course: History and present time of plant systematics. Approaches to plant classification. Principles of cladistics and molecular taxonomy. Tracheophytes, clades of lycophytes, ferns and allies. Seed plants. Gymnosperms and their evolution: cycads, ginkgos, conifers, gnetophytes. Angiosperms. Evolution and general description. Basal clades and Magnoliid clade. Monocots. "Basal tricolpates" and Caryophyllid clade. Rosid and asterid clades of tricolpates. Practices are devoted to study of the most important families of tracheophytes. Fossil evidence of ferns and allies from Palaeozoic age. Tropical a subtropical flora. Ferns. Practical study of conifers. Selected families of angiosperms. (<i>Magnoliaceae, Araceae, Liliaceae, Amaryllidaceae, Cyperaceae, Poaceae, Ranunculaceae, Papaveraceae, Caryophyllaceae, Euphorbiaceae, Violaceae, Fabaceae, Rosaceae, Betulaceae, Brassicaceae, Boraginaceae, Plantaginaceae, Lamiaceae, Apiaceae, Asteraceae</i>). Study of other seed plants, plant identification according to key.					
Recommended literature: Mártonfi P.: Systematika cievnatých rastlín, 2. vydanie. - ES UPJŠ, Košice, 2006. Mártonfi P.: Systematika cievnatých rastlín. - ES UPJŠ, Košice, 2003. Judd W. S., Campbell Ch. S., Kellogg E. A. & Stevens P. F., Donoghue M. J.: Plant Systematics. A phylogenetic Approach, 2nd ed. - Sinauer Associates, Sunderland, 2002. Dostál J., Červenka M.: Veľký kľúč na určovanie rastlín I. a II. - SPN, Bratislava, 1991 a 1992.					
Course language:					
Course assessment Total number of assessed students: 1439					
A	B	C	D	E	FX
10.35	12.44	17.37	19.81	24.67	15.36
Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčík, PhD.					

Date of last modification: 23.02.2018
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ BPO/14		Course name: Bachelor Thesis and its Defence			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 172					
A	B	C	D	E	FX
50.58	26.16	16.86	4.65	1.74	0.0
Provides:					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/ BPaoBP/15		Course name: Bachelor's Thesis Defense			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 19					
A	B	C	D	E	FX
21.05	15.79	21.05	31.58	10.53	0.0
Provides:					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/BS1/03		Course name: Biostatistics			
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: 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Recognition. Recognition.					
Learning outcomes: To provide the students with knowledge on basic principles of statistic methods used in biology and their scope of application					
Brief outline of the course: Sources and theoretical background of biostatistics. Basic principles of the probability theory. Descriptive statistics: variables, measures of mean value and variability of data. Theoretical and empirical distributions. Experimental sampling from normal distributions. Testing of hypotheses. One-way and multiple analysis of variance. Tests for multiple comparisons. Regression analysis. Correlations. Non-parametrical methods. Time series. Analysis of quantitative data.					
Recommended literature: Hassard, T. H.: Understanding biostatistics. Mosby Year Book, 1991 Snedecor, G.W., Cochran, W.G.: Statistical methods. The Iowa state university, Ames, 1972. R.Forthofer, E.S.Lee, M.Hernandez: Biostatistics. Elsevier, Amsterdam..., 2007					
Course language:					
Course assessment Total number of assessed students: 181					
A	B	C	D	E	FX
3.31	8.84	16.57	21.55	35.36	14.36
Provides: prof. RNDr. Beňadik Šmajda, CSc.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ BSB/15		Course name: Biology			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 1					
Recommended semester/trimester of the course:					
Course level: I.					
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
22.38	21.68	26.57	18.18	11.19	0.0
Provides:					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ CYT1/15		Course name: Cytology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 2 Per study period: 42 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Practicals graduation (without absence); Two written tests graduation (min. 70 % fruitfulness of each); Oral examination					
Learning outcomes: To provide the students with knowledge of basic principles of cell microscopic and submicroscopic structure and function.					
Brief outline of the course: Levels of living system organization. Characteristics and comparison of prokaryotic and eukaryotic plant and animal cells. Microscopic, submicroscopic and molecular structure and function of individual cell components. Nucleus and cell division.					
Recommended literature: Alberts, B., Bray, D., Lewis, J. et al.: Molecular Biology of the Cell. Garland Publishing Inc., New York, London, 1994					
Course language:					
Course assessment Total number of assessed students: 3862					
A	B	C	D	E	FX
5.85	15.64	24.52	23.05	26.05	4.89
Provides: RNDr. Rastislav Jendželovský, PhD., RNDr. Zuzana Jendželovská, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KFaDF/DF2p/03		Course name: History of Philosophy 2 (General Introduction)			
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: 6.					
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: 738					
A	B	C	D	E	FX
60.84	13.82	12.6	8.67	3.39	0.68
Provides: doc. PhDr. Pavol Tholt, PhD., mim. prof., Doc. PhDr. Peter Nezník, CSc., PhDr. Katarína Mayerová, PhD., doc. Mgr. Róbert Stojka, PhD.					
Date of last modification: 31.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ DGS/15	Course name: Students' Digital Literacy
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion: continuous assessment and final project	
Learning outcomes: To acquire an overview of the current possibilities of digital technology to develop skills and competencies with emphasis on the area of communication, social interaction and personal. To acquire basic digital skills for working with advanced technologies (mobile phone, tablet, laptop, social media, online webtechnologies). To understand the value of existing advanced technologies for better and more effective learning, work and active life in higher education, lifelong learning and further career prospects.	
Brief outline of the course: Introduction to the problems of current, commonly available digital technology. Tools for access to online information source (mobile applications for access to information systems, databases, data books). Tools for collecting, generating direct information and data and its subsequent analysis and visualization. Tools for providing and sharing of electronic content (cloud technology - Google Drive, Youtube, Google+, Skydrive, Dropbox). Tools for communication, discussion and collaborative activities. Legal work with digital technologies and resources, plagiarism, critical evaluation of digital resources. Security, privacy, digital ethics and etiquette, digital citizenship.	
Recommended literature: 1. Bruff, D. (2009). Teaching with classroom response systems: Creating active learning environments. San Francisco: Jossey-Bass. 2. Byrne, R. (2012). Google Drive and Docs for Teachers. Free Tech for Teachers. 3. Kawasaki, G. (2012). What the Plus! Google+ for the Rest of Us. Amazon igital Services. 4. Kolb, L. (2011). Cell Phones in the Classroom: A Practical Guide for Educators. International Society for Technology in Education.	
Course language: Slovak	
Course assessment Total number of assessed students: 147	

abs	n
96.6	3.4
Provides: doc. RNDr. Stanislav Lukáč, PhD., doc. RNDr. Jozef Hanč, PhD., doc. RNDr. Ľubomír Šnajder, PhD.	
Date of last modification: 23.08.2017	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/ECO-C1/14	Course name: Team Work ECo-C1
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: 4	
Recommended semester/trimester of the course: 3., 5.	
Course level: I., N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 49	
abs	n
97.96	2.04
Provides: PhDr. Anna Janovská, PhD.	
Date of last modification: 21.08.2017	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/ECO-C2/14	Course name: Self Marketing ECo-C2
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: 4	
Recommended semester/trimester of the course: 4., 6.	
Course level: I., N	
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
69.44	30.56
Provides: doc. PhDr. Beata Gajdošová, PhD., Mgr. Lucia Hricová, PhD.	
Date of last modification: 21.08.2017	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/EC0-C3/14	Course name: Conflict Management ECo-C3
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: 4	
Recommended semester/trimester of the course: 3., 5.	
Course level: I., N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 42	
abs	n
90.48	9.52
Provides: Mgr. Ondrej Kalina, PhD.	
Date of last modification: 21.08.2017	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/ECO-C4/14	Course name: Communication ECo-C4
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: 4	
Recommended semester/trimester of the course: 4., 6.	
Course level: I., N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 22	
abs	n
50.0	50.0
Provides: Mgr. Lucia Hricová, PhD.	
Date of last modification: 21.08.2017	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/EDS/15	Course name: Educational software
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 5.	
Course level: I.	
Prerequisites:	
Conditions for course completion: 1 Preparation of interim assignments: a) Worksheet for student (with custom graphics) b) Multimedia educational presentation (with pictures, animations and sounds) c) Interactive educational quiz (with several types of quiz items) d) Methodological guidance on the use of interactive applications in teaching selected topic of chosen school subject. 2 Creation and presentation of final project on the use of educational software in education.	
Learning outcomes: 1. To acquire an overview of the educational software types and its exploitation in education. 2. To gain or enhance basic skills in working with: a) presentation software, programs for creation and editing images, animations, diagrams, sounds, concept maps, b) programs for creation of quizzes, questionnaires, voting, c) simulation and modeling software, d) selected subject-oriented educational programs, 3. To create and present a final project on the use of educational software in education.	
Brief outline of the course: Educational software types. Onlilne educational sources and tools. Multimedia processing. Tools for creation of teaching aids.	
Recommended literature: 1. Digitálna gramotnosť učiteľa : učebný materiál- modul 1 / Rastislav Adámek ... [et al.]. - Košice : Ústav informácií a prognóz školstva, 2009. - 80 s. - ISBN 9788080861193(brož.). 2. Moderná didaktická technika v práci učiteľa : učebný materiál modul 2 / Rastislav Adámek ... [et al.] ; recenzenti Viliam Fedák, Anton Lavrin. - Košice : Elfa, 2010. - 200 s. - ISBN 9788080861353 (brož.). 3. Web, Multimédia / Martin Homola ... [et al.]. - Bratislava : Štátny pedagogický ústav, 2010. - 68 s. - Č. projektu: ŠPVV ĎVUi 26120130001. - ISBN 9788081180514 (brož.).	
Course language:	
Notes:	

Content of lessons will be flexibly adapted to the field of study of learners. Language learners will be able to work more with pictures and sounds, physicists with simulation programs, mathematicians with mathematical software, etc.					
Course assessment					
Total number of assessed students: 30					
A	B	C	D	E	FX
63.33	20.0	13.33	0.0	3.33	0.0
Provides: doc. RNDr. Ľubomír Šnajder, PhD.					
Date of last modification: 23.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ ETOP/08		Course name: Etology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 1., 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Written test					
Learning outcomes: To teach the students to know and to be aware of the importance of the behavioural aspect in biological sciences					
Brief outline of the course: History and development of ethology. Ethological methods. The innate forms of behaviour. The simplest forms of learning – conditioning and instrumental learning. Higher form of learning. Social behaviour. Sexual behaviour. Play behaviour. Biological rhythms. Orientation in space and animal migrations. Communication systems of animals. Emotions. Aggression in animal and human behaviour. Abnormal forms of behaviour					
Recommended literature: 1. J.B. Balcombe: Second nature. The inner life of animals. Palgrave/McMillan, 2010. 2. T.J. Carew: Behavioral Neurobiology. Sinauer Assoc., Sunderland, 2000.					
Course language:					
Course assessment Total number of assessed students: 521					
A	B	C	D	E	FX
32.44	30.33	26.87	7.68	2.69	0.0
Provides: RNDr. Igor Majláth, PhD., RNDr. Natália Pipová, PhD., RNDr. Adriana Pačuta, PhD.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ FG1/03		Course name: Phytogeography			
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:					
Course level: I., II.					
Prerequisites:					
Conditions for course completion: Written work. Exam.					
Learning outcomes: To obtain theoretical and practical knowledge from phytogeography.					
Brief outline of the course: History of phytogeography. Plants and environment. Chorology, area, area disjunctions, relics, endemites, vicariancy, floral elements. Main course of florogenesis since paleozoic to quaternary ages. Postglacial evolution of Slovak vegetation. Regional phytogeography of Earth. Vegetation geography: from tropical rainforests to tundras. Changes of earth vegetation and their study. Geographical origin of cultivated plants. Practices: Fieldworks. Preparing of maps. Phytogeographical division of Slovakia. Students seminar works on phytogeography.					
Recommended literature: Hendrych R.: Fytografie. - SPN, Praha 1984. Brown J. H., Lomolino M. V.: Biogeography. - Sinauer Associates, Sunderland, 1998.					
Course language:					
Course assessment Total number of assessed students: 349					
A	B	C	D	E	FX
38.97	22.35	21.49	8.02	8.31	0.86
Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčík, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhD. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KFaDF/ FMOPs/15		Course name: History of Philosophy (for Students of Psychology)			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1535					
A	B	C	D	E	FX
31.21	18.89	17.2	13.49	16.87	2.35
Provides: PhDr. Katarína Mayerová, PhD.					
Date of last modification: 31.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ FR1/10		Course name: Plant Physiology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites: ÚBEV/VB1/01					
Conditions for course completion: Active participation on practicals. Oral examen					
Learning outcomes: Overview of all important physiological processes in plant organisms.					
Brief outline of the course: Water in plan, mineral nutrition, photosynthesis, pholem transport, respiration, lipid biosynthesis, heterotrophy, metabolism of macronutrients, secondary metabolism, growth and development, plant hormones, photoreceptors, dormancy, germination, flowering, plant movements, stress physiology Lab practicals: Measurements of water potential, Quantitative analyses of nutrients in dust. Separation of assimilation pigments by TLC. Quantitative analyses of chlorophyll a and b. Biotest of cytokinins. Qualitative and quantitative analyses of sugars. HPLC separation of glucose and fructose. Measurements of respiration by selective electrode. Measurement of total nitrogen by Kjeldahl method. Qualitative analyses of proteins. Activity of some enzymes in potato and pea. Colour of anthocyanins at different pH. Measurement of silica level by distillation method Germination of seeds.					
Recommended literature: Hopkins W.G. Huner N.P.A., Introduction to plant physiology. 3rd ed., Wiley, New York 2004					
Course language:					
Course assessment Total number of assessed students: 1641					
A	B	C	D	E	FX
14.69	12.8	15.42	13.77	23.71	19.62
Provides: Mgr. Silvia Gajdošová, Ph.D., doc. RNDr. Peter Paľove-Balang, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ FZ1/10		Course name: Animal Physiology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 3 Per study period: 42 / 42 Course method: present					
Number of credits: 7					
Recommended semester/trimester of the course: 6.					
Course level: I.					
Prerequisites: ÚBEV/HIS1/03 or ÚBEV/HISE1/04 or ÚBEV/HIS1/15 or ÚBEV/HISE1/15					
Conditions for course completion: Written testing from practicals and oral examination					
Learning outcomes: To provide students with basic knowledge about physiological processes in organisms of animals and man.					
Brief outline of the course: The physiology of blood and hemopoietic organs. Physiology of respiration. Heart and circulatory physiology. Physiology of the gastrointestinal tract. The functions of liver. Energetic metabolism and physiology of nutrition. Water and mineral household of the organism. Physiology of the endocrine secretion. Physiology of reproduction. Physiology of excretion. General neurophysiology. Functions of neurons and neuronal networks. Sensory and motoric functions of CNS. Associative functions of CNS. Functions of the vegetative nervous system. Physiology of muscle contraction and active motion. Work physiology. Sensory physiology					
Recommended literature: Ganong, W. F.: Review of medical physiology. Prentice-Hall, Appleton & Langer, 1993 Varder, A. J., Sherman, J. H., Luciano, D. S.: The mechanisms of body functions, McGraw-Hill, 1990 Schmidt, R. F., Thews, G.: Human Physiology, Springer-Verlag, 1989 R.W.Hill, R.Wyse, M.Anderson : Animal Physiology, Sinauer Assoc., 2008					
Course language:					
Course assessment Total number of assessed students: 1251					
A	B	C	D	E	FX
7.91	14.55	21.1	24.94	24.78	6.71
Provides: doc. RNDr. Monika Kassayová, CSc., prof. RNDr. Beňadik Šmajda, CSc., doc. RNDr. Biana Bojková, PhD., RNDr. Vlasta Demečková, PhD., RNDr. Terézia Kisková, PhD., RNDr. Natália Pipová, PhD.					
Date of last modification: 23.02.2018					

Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ GE1/10		Course name: Genetics			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 3 Per study period: 42 / 42 Course method: present					
Number of credits: 7					
Recommended semester/trimester of the course: 5.					
Course level: I.					
Prerequisites: ÚBEV/MB1/01 or ÚBEV/MOB1/03 or ÚBEV/MOB1/15					
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
18.75	16.08	15.84	14.12	18.75	16.47
Provides: prof. RNDr. Eva Čellárová, DrSc., RNDr. Katarína Bruňáková, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/HISE1/15		Course name: Histology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 2 Per study period: 42 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites: ÚBEV/CYT1/02 or ÚBEV/CYT1/15					
Conditions for course completion: Oral examination					
Learning outcomes: To provide the students with knowledge of basic morphology of tissues of animals.					
Brief outline of the course: Epithelium and glands. Connective tissue. Cartilage. Bone. Muscle. Nervous Tissue. Blood and hemopoiesis. Circulatory system. Lymphoid system. Endocrine system. Integument. Respiratory system. Digestive system. Urinary system. Female reproductive system. Male reproductive system. Nervous system. Special senses.					
Recommended literature: Gartner, L.P., Hiatt, J.L.: Color Texbook of Histology. W.B. Saunders Company, Philadelphia, 1997 Juanqueira, L.C., Carneiro, J., Kelley, R.O.: Basic Histology. Prentice Hall International Inc., Apleton & Lange, 1992 Michel H. Ross, Wojciech Pawlina: Histology, Lippincott Wiliams & Wilkins, 2011					
Course language:					
Course assessment Total number of assessed students: 1838					
A	B	C	D	E	FX
17.68	13.71	15.78	12.57	25.46	14.8
Provides: doc. RNDr. Zuzana Daxnerová, CSc., RNDr. Juraj Ševc, PhD., RNDr. Anna Alexovič Matiašová, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ INP/17		Course name: Inclusive Pedagogy			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 5.					
Course level: I.					
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:					
Date of last modification: 05.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPS/ KOGPS/11		Course name: Cognitive Psychology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 2 Per study period: 42 / 28 Course method: present					
Number of credits: 7					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1081					
A	B	C	D	E	FX
11.93	22.39	25.62	21.0	6.2	12.86
Provides: prof. PhDr. Ladislav Lovaš, CSc., Mgr. Ondrej Kalina, PhD., Mgr. Pavol Kačmár, PhD.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

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: Conditions for course completion: Attendance Final assessment: continuous fulfilment of all tasks within the course	
Learning outcomes: Learning outcomes: Students will be familiarized with principles of safe stay and movement in extreme natural conditions as they will obtain theoretical knowledge and practical skills to solve the extraordinary and demanding situations connected with survival and minimization of damage to health. The course develops team work and students will learn how to manage and face the situations that require overcoming of obstacles.	
Brief outline of the course: Brief outline of the course: Lectures: 1. Principles of behaviour and safety for movement and stay in unknown mountains 2. Preparation and leadership of tour 3. Objective and subjective danger in mountains 4. Principles of hygiene and prevention of damage to health in extreme conditions Exercises: 1. Movement in terrain, orientation and navigation in terrain (compasses, GPS) 2. Preparation of improvised overnight stay 3. Water treatment and food preparation.	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 365	
abs	n
44.38	55.62

Provides: MUDr. Peter Dombrovský, Mgr. Marek Valanský
Date of last modification: 18.08.2017
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KKF/LJPS/07		Course name: Latin Language for Students of Psychology			
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., 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 16					
A	B	C	D	E	FX
31.25	12.5	25.0	25.0	0.0	6.25
Provides: doc. PhDr. František Šimon, CSc.					
Date of last modification: 24.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

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: Conditions for course completion: Attendance Final assessment: Raft control on the waterway (attended/not attended)	
Learning outcomes: Learning outcomes: Students have knowledge of rafts (canoe) and their control on waterway.	
Brief outline of the course: Brief outline of the course: 1. Assessment of difficulty of waterways 2. Safety rules for rafting 3. Setting up a crew 4. Practical skills training using an empty canoe 5. Canoe lifting and carrying 6. Putting the canoe in the water without a shore contact 7. Getting in the canoe 8. Exiting the canoe 9. Taking the canoe out of the water 10. Steering a) The pry stroke (on fast waterways) b) The draw stroke 11. Capsizing 12. Commands	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 142	
abs	n
41.55	58.45

Provides: Mgr. Peter Bakalár, PhD.
Date of last modification: 18.08.2017
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/MB1/01		Course name: Molecular Biology			
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: 4					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Oral examination.					
Learning outcomes: To provide the students with knowledge of molecular basis of inheritance and control of gene expression and development.					
Brief outline of the course: Structure and properties of information macromolecules. Molecular mechanisms of DNA replication and repair, transcription and translation. Prokaryotic and eukaryotic genome. Control of gene expression in prokaryotes and eukaryotes. Control of cell cycle.					
Recommended literature: Lodish, H., Baltimore, D., Berk, A. et al.: Molecular Cell Biology. Sci. Amer. Books Inc., W.H. Freeman and Company, New York, 1995 Myers, R.A.: Molecular Biology and Biotechnology. VCH Publishers Inc., New York, 1995					
Course language:					
Course assessment Total number of assessed students: 920					
A	B	C	D	E	FX
6.63	10.87	16.96	18.26	34.02	13.26
Provides: doc. RNDr. Peter Pristaš, CSc.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/MKV/15		Course name: Mikrobiológia a základy virológie			
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:					
Course level: I.					
Prerequisites:					
Conditions for course completion: Attendance of practicals (at least 90%), 2 written examinations during semester, final oral examination					
Learning outcomes: Students will obtain a basic informations on viruses, prokaryotic and eukaryotic microorganisms, their cytology, physiology, genetics, ecology, classification, and importance . Information on basic methods for studying microorganisms will be provided.					
Brief outline of the course: Viruses, prokaryotic and eukaryotic microorganisms, their cytology, physiology, genetics, ecology, classification. The importance of microorganisms for humans and environment.					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1339					
A	B	C	D	E	FX
21.73	12.85	18.15	19.94	22.78	4.56
Provides: doc. RNDr. Peter Pristaš, CSc., RNDr. Mariana Kolesárová, PhD., RNDr. Lenka Maliničová, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/MMKV/17		Course name: Multiculturalism and Multicultural Education			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 48					
A	B	C	D	E	FX
31.25	27.08	37.5	2.08	2.08	0.0
Provides: PaedDr. Janka Ferencová, PhD.					
Date of last modification: 05.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/ MMOSP/15		Course name: Methodology of Teaching Psychology			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 3					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 95					
A	B	C	D	E	FX
6.32	7.37	22.11	27.37	28.42	8.42
Provides: PhDr. Anna Janovská, PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ MTB/13	Course name: Mathematics for biologists
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., 4., 6.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes: Short introduction to mathematics, mathematical problem solving strategies and their applications to solving problems in biology and other sciences.	
Brief outline of the course: 1. Basic terms 2. Geometry in the plane (vectors, lines in the plane and their representations) 3. Systems of linear equations (linear equation and inequality, system of linear equations, Gaussian elimination) 4. Functions (monotonicity, local extrema, function composition, inverse function, elementary functions and their properties) 5. Combinatorics (binomial theorem, combinations and permutations without / with repetition, inclusion-exclusion principle) 6. Sequences and series (monotonicity and boundedness, recurrent sequence, geometric series) 7. Limit (limit of a sequence, limit of function, convergence, divergence, methods for computing limits, continuity) 8. Derivatives (sum, product, quotient and chain rule, derivatives of elementary functions, Taylor polynomial, analysis of functions) 9. Integrals (indefinite integral, integration methods: by substitution, by parts, by partial fractions; definite integral) 10. Ordinary differential equations (first order separable ODE, first order linear ODE)	
Recommended literature: E. Bohl, Mathematik in der Biologie, Springer, Berlin Heidelberg, 2006. D. Studenovská, T. Madaras, S. Mockovčiak: Zbierka úloh z matematiky pre nematematické odbory, UPJŠ 2006. D. Studenovská, T. Madaras: Matematika pre nematematické odbory, UPJŠ 2006.	
Course language: Slovak	
Course assessment Total number of assessed students: 535	

A	B	C	D	E	FX
7.85	11.21	16.82	19.63	33.08	11.4
Provides: RNDr. Igor Fabrici, Dr. rer. nat., RNDr. Anton Hovana					
Date of last modification: 27.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ NATM/15		Course name: Neuroanatomy			
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: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes: To provide the students with basic knowledge, principles and function of human nervous system.					
Brief outline of the course: Introduction to neuroanatomy, development, classification of the Nervous System, dividing of the Nervous System (CNS and PNS), Spinal Cord and Spinal Nerves (structure, reflexes, gray matters and intrinsic pathways, Ascending, Descending Tracts), Brain Stem and Cranial Nerves, Cerebellum, Diencephalon, Telencephalon, Limbic System, Cerebrospinal Fluid System, Vegetative Nervous System, Functional Systems (Motor systems - pyramidal tract, extrapyramidal Motor System, motor pathway), (Sensory system - pathway of Epicritic Sensibility, Pathway of Protopathic Sensibility, Optic Pathway, Auditory Tract, Vestibular Tract)					
Recommended literature: Kahle W., Leonhardt H., Platzer W.: Color Atlas and Textbook of Human Anatomy, Volume 3. Nervous System and Sensory Organs, 1993 Georg Thieme Verlag Stuttgart, New York Hendelman W.J.: Atlas of functional neuroanatomy CRC Press LLC, 2000 Kopf-Mäier P.: Wolf-Heideggers Atlas of Human Anatomy Karger, 2000 Miklošová M.: Anatómia PF, UPJŠ, 2011, Equilibria Haines, D.E.: Neuroanatomy, Lippincott Williams, Wilkins, 2011					
Course language:					
Course assessment Total number of assessed students: 71					
A	B	C	D	E	FX
12.68	12.68	22.54	16.9	12.68	22.54
Provides: RNDr. Juraj Ševc, PhD., Mgr. René Šebeňa, PhD.					
Date of last modification: 21.09.2017					
Approved: Guarantee prof. PhD. Oľga Orosová, CSc. Guarantee prof. RNDr. Pavol Mártonfi, PhD.					

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: 48					
A	B	C	D	E	FX
54.17	12.5	10.42	4.17	10.42	8.33
Provides: PaedDr. Ingrid Puchalová, PhD., Mgr. Barbora Molokáčová					
Date of last modification: 25.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KGER/ NJPS1/06		Course name: German Language for Students of Psychology 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., 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 108					
A	B	C	D	E	FX
60.19	30.56	5.56	1.85	1.85	0.0
Provides: Mgr. Andreas Schiestl					
Date of last modification: 25.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KGER/ NJPS2/06		Course name: German Language for Students of Psychology II			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2., 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 128					
A	B	C	D	E	FX
55.47	28.13	7.81	2.34	5.47	0.78
Provides: Mgr. Andreas Schiestl					
Date of last modification: 25.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KGER/OJPV1/07		Course name: Specialised German Language - Natural Sciences 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 136					
A	B	C	D	E	FX
21.32	22.79	25.0	22.06	8.09	0.74
Provides: Mgr. Andreas Schiestl					
Date of last modification: 25.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ OLŠ/15		Course name: School Administration and Legislation			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 168					
A	B	C	D	E	FX
35.71	30.36	22.02	8.33	2.98	0.6
Provides: PaedDr. Renáta Orosová, PhD.					
Date of last modification: 23.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KOP/OPaPDV/14	Course name: Civil Law and Intellectual Property Rights
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: 4	
Recommended semester/trimester of the course: 3., 5.	
Course level: I., N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 67	
abs	n
94.03	5.97
Provides: doc. JUDr. Renáta Bačárová, PhD., LL.M., prof. JUDr. Peter Vojčík, CSc.	
Date of last modification: 18.01.2018	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/P/15		Course name: 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: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 26					
A	B	C	D	E	FX
15.38	19.23	15.38	26.92	23.08	0.0
Provides:					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science		
Course ID: KPPaPZ/PAN/07	Course name: Psychological Aspects of Unemployment	
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present		
Number of credits: 2		
Recommended semester/trimester of the course: 4., 6.		
Course level: I.		
Prerequisites:		
Conditions for course completion:		
Learning outcomes:		
Brief outline of the course:		
Recommended literature:		
Course language:		
Course assessment Total number of assessed students: 63		
abs	n	z
100.0	0.0	0.0
Provides: Mgr. Mária Bačíková, PhD.		
Date of last modification: 21.08.2017		
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.		

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPS/ PDV/07		Course name: Child Development Disorders			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 2., 4.					
Course level: I.					
Prerequisites: KPS/VP1/05					
Conditions for course completion:					
Learning outcomes: Provide the foundations of child psychopathology and development pathopsychology					
Brief outline of the course: The concept of health and disease. The concept of optimal development. Pathogenic factors of development. Classification of developmental disorders according to ICD. Psychology sick and disabled child. Disorders of speech and language. Specific learning disabilities. Mental retardation and pervasive disorder. Emotional and behavioral disorders in childhood and adolescence. Social development problems. Eating disorders. Problems with alcohol and substance abuse. Disorders of psychosexual development. Children at risk environment, abused and neglected children. School maturity and its disorders. Helping professions and psychological assistance to children with disorders of psychological development.					
Recommended literature: M. Lewis & K.D.Rudolph (Eds.), Handbook of developmental psychopathology (3rd ed). New York, NY: Plenum Press. ISBN 978-1-4614-9608-3					
Course language:					
Course assessment Total number of assessed students: 614					
A	B	C	D	E	FX
20.36	27.52	27.52	16.45	3.91	4.23
Provides: Mgr. Miriam Slavkovská, PhD.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PDZ/09		Course name: Drug Addiction Prevention			
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., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 245					
A	B	C	D	E	FX
53.47	18.78	15.1	8.57	2.45	1.63
Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Marta Dobrowolska Kulanová, PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ PEM/05	Course name: Psychology of Emotions and Motivation
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of credits: 6	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion: term paper, written tests, activity in seminars, demonstrations interim evaluation of 40%, 60% final evaluation	
Learning outcomes: The course aims to provide students with a systematic interpretation of the foundations of psychological knowledge about emotion and motivation with emphasis on the interpretation of recent research findings.	
Brief outline of the course: 1 Psychology of emotion and motivation - definition of basic concepts. The relationship of emotion and motivation. 2 Traditional approaches to the study of emotions - historical, philosophical, biological, social and psychological approaches. 3 Evolutionary psychological and psychophysiological theory of emotions. 4 Vocal communication of emotions and facial expressions. 5 Regulation of emotions. Personality and emotions. 6 Function, development and education of emotions. 7 Basic concepts of psychology of motivation. 8 Classical approaches to the study of motivation. Homeostatic theories of motivation. 9 Humanistic theory of motivation. 10 Achievement motivation. 11 Attribution theory and cognitive approaches. 12 Current theories of motivation. 13 Use knowledge about emotions and motivation in learning, counseling, psychotherapy.	
Recommended literature: Required 1. Lectures 2. PLHÁKOVÁ, A.: Učebnice obecné psychologie. Praha, Academia, 2003, s..319-444. 3. STUHLÍKOVÁ, I.: Základy psychologie emocí. Praha : Portál, 2002. Recommended texts: 1. LEWIS, M.-HAVILAND-JONES, J.: Handbook of emotions. 2.ed.New York, London: The Guilford Press, 2004. ISBN 1-59385-0029-2. 2. GORMAN, P.: Motivation and Emotion: Textbook. London: Routledge. 2002. 3. MADSEN, K.B.. Moderní teorie motivace. Praha: Academia, 1979. 4. IZARD, C. et al.: Temperament, cognitive ability, emotion knowledge, and adaptive social behavior. Imagination, cognition and personality, roč, 19, 1999-2000, č.4, s.305-309 vrátane	

5. JAMES, W. Principles of Psychology. The emotion. 1890 (od genézy emócií) Prístupné: <http://www.des.emory.edu/mfp/james.html>
6. ATKINSON, J. W.: Personality Dynamics, s. 263-267 (ffweb)
7. GREWAL, D. - SALOVEY, P: Feeling Smart: A Science of Emotional Intelligence: American Scientist, roč. 93, 2005, č. 4, s. 330-339
8. GASPER, K.- BRAMESFELD, K.: Imparting wisdom: Magda Arnold's contribution to research on emotion and motivation. Preview. In Cognition and Emotion. vol 20, 2006, c. 7, s. 1001-1013 - prístup k článku cez databázu EBSCO, vyhľadat časopis Cognition and Emotion, rok. 2006, č. 6
9. DECI, E. L., & RYAN, R. M. (2008). Self-Determination Theory: A Macrotheory of Human Motivation, Development, and Health. Canadian Psychology, 49(3), 182-185.
10. McCLELLAND, D. C. (1967). Money as a Motivator: Some Research Insights. McKinsey Quarterly, 4(2), 10-21.
11. WEINER, B. (2010). The Development of an Attribution-Based Theory of Motivation: A History of Ideas. Educational Psychologist, 45(1), 28-36.
12. MASLOW, A.: Theory of Human Motivation. Psychological Review 1943 50, 370-396.
13. EDWARD L. DECI: On The Nature And Functions of Motivation Theories. Psychological Science, Vol. 3, No. 3, May 1992, S. 167-171
14. LEWIS, M., HAVILAND-JONES, J.M., FELDMAN BARRETT, L.: Handbook of Emotions. Third ed. New York, Guilford Press, 2010. ISBN 978-1-60918-044-7

Course language:

Slovak language

Course assessment

Total number of assessed students: 1174

A	B	C	D	E	FX
11.93	12.78	17.38	22.66	22.4	12.86

Provides: prof. PhDr. Margita Mesárošová, CSc., PhDr. Radka Čopková, PhD., Mgr. Marta Dobrowolska Kulanová, PhD.

Date of last modification: 21.09.2017

Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/ PFAJ4/07	Course name: English Language of Natural Science
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.	
Prerequisites:	
Conditions for course completion: Active participation in class and completed homework assignments. Students are allowed to miss 2 classes at the most. Continuous assessment: 2 credit tests (presumably in weeks 6 and 13) and academic presentation in English. In order to be admitted to the final exam, a student has to score at least 65 % as a sum of both credit tests. The exam test results represent 50% of the final grade for the course, continuous assessment results represent the other 50% of the final grade. The final grade for the course 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: Enhancement of students' language skills (speaking, writing, reading and listening comprehension) in English for specific purposes and development of students' language competence (familiarization with selected phonological, lexical and syntactic phenomena), improvement of students' pragmatic competence (familiarization with selected language functions) and improvement of presentation skills at B2 level (CEFR) with focus on terminology of English for natural science.	
Brief outline of the course: ANGLICKÝ JAZYK PRE GEOGRAFOV: Veda a výskum. Odbor geografia. Planéta Zem. Naša slnečná sústava. Zemetrasenia, Sopečná činnosť. Svetové oceány a ľadovce. Životné prostredie a geografia. Počasie a klíma. ANGLICKÝ JAZYK PRE EKOLÓGOV: Veda a výskum. Odbor ekológia. Životné prostredie. Znečistenie a dôsledky. Sopečná činnosť, zemetrasenia. Great Pacific Garbage Patch.	

Globálne otepľovanie a dôsledky. Ľadovce.
 Počasie a klíma. Búrky, hurikány, tsunami.
 Život na Zemi. Ohrozené rastlinné a živočíšne druhy.
ANGLICKÝ JAZYK PRE BIOLÓGOV:
 veda a výskum, odbor biológia.
 morfológia rastlín, koreň.
 stonka, list.
 rozmnožovanie rastlín, kvet.
 biológia človeka - telesné sústavy.
 slovná zásoba z oblasti botanickej a zoologickej nomenklatúry.
ANGLICKÝ JAZYK PRE MATEMATIKOV:
 Veda a výskum, odbor matematika.
 čísla a tvary v matematike.
 Elementárna algebra.
 Elementárna geometria.
 Výpočty v matematike.
 Pytagoras, Pytagorova veta.
 Grafy a diagramy.
 Štatistika.
ANGLICKÝ JAZYK PRE FYZIKOV
 Veda a výskum, odbor fyzika.
 Atómy a molekuly.
 Hmota a jej premeny.
 Elektrina, jej využitie.
 Zvuka, jeho prenos.
 Svetlo.
 Solárny systém.
 Matematické operácie.
ANGLICKÝ JAZYK PRE CHEMIKOV:
 Veda a výskum, odbor chémia.
 História, Každodenná chémia.
 Laboratórium a jeho vybavenie.
 Periodická tabuľka.
 Hmota a jej premeny.
 Životné prostredie a chémia.
ANGLICKÝ JAZYK PRE INFORMATIKOV:
 Veda a výskum, informatika.
 Život s počítačom.
 Typický PC.
 Zdravie a bezpečnosť, ergonomika.
 Programovanie.
 Emailovanie.
 Cybercrime.
 Trendy budúcnosti.

Recommended literature:

study materials provided by the course instructor
 Royds-Irmak, D.E. Beginning Scientific English. Nelson, 1975.
 Velebná, B. English for Chemists. [ffweb.ff.upjs.sk/vyuka/](http://web.ff.upjs.sk/vyuka/)
 Redman, S.: English Vocabulary in Use, Pre-intermediate, Intermediate. Cambridge University Press, 2003.

Powel, M.: Dynamic Presentations. CUP, 2010.
 Armer, T.: Cambridge English for Scientists. CUP, 2011.
 Wharton J.: Academic Encounters. The Natural World. CUP, 2009.
 Murphy, R.: English Grammar in Use. Cambridge University Press, 1994.
 Redman, S.: English Vocabulary in Use, Pre-intermediate, Intermediate. Cambridge University Press, 2003.
 P. Fitzgerald : English for ICT studies. Garnet Publishing, 2011.
<https://worldservice/learningenglish>, <https://spectator.sme.sk>

Course language:

Course assessment

Total number of assessed students: 2443

A	B	C	D	E	FX
34.55	25.83	17.6	10.89	8.8	2.33

Provides: Mgr. Zuzana Naďová, Mgr. Lenka Klimčáková

Date of last modification: 06.02.2018

Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

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: 344					
A	B	C	D	E	FX
30.81	23.55	15.99	11.05	7.27	11.34
Provides: Mgr. Zuzana Naďová					
Date of last modification: 06.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

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: 394					
A	B	C	D	E	FX
39.34	18.53	17.01	8.88	6.09	10.15
Provides: Mgr. Lenka Klimčáková					
Date of last modification: 06.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

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: 220

A	B	C	D	E	FX
36.36	21.82	20.45	10.45	7.27	3.64

Provides: Mgr. Zuzana Naďová

Date of last modification: 06.02.2018

Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: CJP/ PFAJPSYCH1/07		Course name: Professional English for Psychology 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 1., 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Active classroom participation, max.2 absences. 2 tests (6th/7th week, 12th/13th week), no retake. Oral presentation. Final assessment = the average obtained in 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:					
Course language:					
Course assessment Total number of assessed students: 83					
A	B	C	D	E	FX
33.73	18.07	16.87	12.05	4.82	14.46
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: CJP/PFAJPSYCH2/07		Course name: Professional English for Psychology 2			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 2., 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion: Active classroom participation, max.2 absences. 2 tests (6th/7th week, 12th/13th week), no retake. Oral presentation. Final assessment = the average obtained in 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:					
Course language:					
Course assessment Total number of assessed students: 16					
A	B	C	D	E	FX
18.75	12.5	12.5	25.0	25.0	6.25
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PKŽ/15		Course name: Psychology of Everyday Life			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 116					
A	B	C	D	E	FX
43.1	14.66	30.17	8.62	2.59	0.86
Provides: Mgr. Ondrej Kalina, PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ PMZ/10		Course name: Comparative Animal Morphology			
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.					
Prerequisites:					
Conditions for course completion: Lectures and practical exercises, original drawing of some parts of animal body or it derivatives, examination.					
Learning outcomes:					
Brief outline of the course:					
Recommended literature: Kardong, K. V., 2002: Vertebrates. Comparative anatomy, function, evolution. 3rd ed., Mc-Graw-Hill, New York. Pough, F. H., Janis, Ch. M., Heiser, J. B., 2008: Vertebrate Life. Prentice Hall, Inc., 752 pp. 8th edition. Ruppert, E. E., Fox, R. S., & Barnes, R. D., 2004: Invertebrate zoology: a functional evolutionary approach. Belmont, CA: Thomas-Brooks/Cole.					
Course language:					
Course assessment Total number of assessed students: 1782					
A	B	C	D	E	FX
16.11	18.35	24.75	22.78	12.74	5.27
Provides: RNDr. Andrej Mock, PhD., RNDr. Andrea Parimuchová, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PP/15		Course name: Positive Psychology			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 165					
A	B	C	D	E	FX
97.58	1.21	0.61	0.0	0.61	0.0
Provides: Mgr. Jozef Benka, PhD. et PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/PSBc/06	Course name: Bachelor's Thesis 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: 5.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 81	
abs	n
100.0	0.0
Provides: Mgr. Jozef Benka, PhD. et PhD.	
Date of last modification: 21.08.2017	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PSO/09		Course name: Psychology of Personality			
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: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1210					
A	B	C	D	E	FX
18.93	19.59	22.31	18.93	16.45	3.8
Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Miroslava Köverová, PhD., Mgr. Jozef Benka, PhD. et PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PUDB/15		Course name: Drug Addiction Prevention in University Students			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 256					
A	B	C	D	E	FX
77.34	20.31	2.34	0.0	0.0	0.0
Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Marta Dobrowolska Kulanová, PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ Pg/15		Course name: Pedagogy			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 406					
A	B	C	D	E	FX
20.94	18.97	26.11	19.46	13.55	0.99
Provides: Mgr. Katarína Petriková, PhD.					
Date of last modification: 23.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/Ps/15		Course name: Psychology			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 318					
A	B	C	D	E	FX
16.04	11.01	24.53	23.9	20.75	3.77
Provides: prof. PhDr. Oľga Orosová, CSc., PhDr. Anna Janovská, PhD., Mgr. Jozef Benka, PhD. et PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/RKS/14	Course name: Resolving Conflict Situations in Educational Practice
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of credits: 4	
Recommended semester/trimester of the course: 3., 5.	
Course level: I., N	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 85	
abs	n
95.29	4.71
Provides: PhDr. Anna Janovská, PhD., Mgr. Lucia Hricová, PhD.	
Date of last modification: 21.08.2017	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/RP1/08		Course name: Research Project			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 4.					
Course level: I.					
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. Mária Bačíková, PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/SI2/09		Course name: Statistical Methods 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: 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 60					
A	B	C	D	E	FX
96.67	0.0	3.33	0.0	0.0	0.0
Provides: Mgr. Jozef Benka, PhD. et PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPS/ SOC/05		Course name: Sociology			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 725					
A	B	C	D	E	FX
40.28	25.66	16.55	9.93	5.79	1.79
Provides: Mgr. Alexander Onufrák, PhD.					
Date of last modification: 28.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPO/ SPKVV/15		Course name: Social and Political Context of Education			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 11					
A	B	C	D	E	FX
9.09	0.0	45.45	36.36	9.09	0.0
Provides: Dr.h.c. prof. PhDr. Marcela Gbúrová, CSc.					
Date of last modification: 23.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/SPMOS/16		Course name: Social Psychology for Double-Major Study			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 29					
A	B	C	D	E	FX
17.24	20.69	24.14	20.69	13.79	3.45
Provides: Mgr. Ondrej Kalina, PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/SV1/08		Course name: Social-Psychological Training 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: 3					
Recommended semester/trimester of the course: 1., 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 79					
A	B	C	D	E	FX
97.47	0.0	0.0	2.53	0.0	0.0
Provides:					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/SV2/08		Course name: Social-Psychological Training 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: 3					
Recommended semester/trimester of the course:					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 52					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides:					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ SVK/01		Course name: Student Scientific Conference			
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: 4., 6.					
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: 258					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides:					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPS/ SYP/06		Course name: Systems of 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: 6					
Recommended semester/trimester of the course: 1., 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature: Hergenbahn. An introduction to the history of psychology.					
Course language:					
Course assessment Total number of assessed students: 703					
A	B	C	D	E	FX
14.94	23.76	33.14	19.2	6.97	1.99
Provides: Mgr. René Šebeňa, PhD.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ TCB1/03	Course name: Fieldworks from Botany
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 5d Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 2.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes: Study of methods for identification and determination of common central-europaeen plants.	
Brief outline of the course: Plant identification in different habitats. Plant determination. Floristic records.	
Recommended literature: Dostál J., Červenka M.: Veľký kľúč na určovanie rastlín I. a II. - Veda, Bratislava 1991 a 1992. Kubát K. (ed.): Kľíč ke květeně České republiky. - Academia, Praha, 2002. Marhold K. a Hindák F. (eds.): Zoznam nižších a vyšších rastlín Slovenska. Checklist of non-vascular and vascular plants of Slovakia. - Veda, Bratislava 1998. Krejča J. (ilustr.): Veľká kniha rastlín. - Bratislava (various editions).	
Course language:	
Course assessment Total number of assessed students: 1090	
abs	n
99.91	0.09
Provides: prof. RNDr. Pavol Mártonfi, PhD., prof. RNDr. Martin Bačkor, DrSc., Mgr. Vladislav Kolarčík, PhD.	
Date of last modification: 23.02.2018	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ TCZ/03	Course name: Fieldwork from zoology
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 5d Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes: Practical observation of morphology of vertebrates.	
Brief outline of the course: Systematic and phylogenetic relationships of vertebrate. Review of important groups of fishes, amphibians, reptiles, birds and mammals - observation, and laboratory work.	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 790	
abs	n
99.24	0.76
Provides: RNDr. Peter Ľuptáčík, PhD., doc. RNDr. Ľubomír Panigaj, CSc., RNDr. Andrej Mock, PhD.	
Date of last modification: 23.02.2018	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPS/TPP/15		Course name: Theory of Psychological Assessment and Psychometrics			
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: 5.					
Course level: I.					
Prerequisites: KPS/STA1/06 or KPS/USM/15					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 77					
A	B	C	D	E	FX
6.49	23.38	18.18	20.78	27.27	3.9
Provides: doc. PhDr. Ján Ferjenčík, CSc., Mgr. Jozef Benka, PhD. et PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/TVE/08		Course name: Theory of Education			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 4., 6.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 378					
A	B	C	D	E	FX
27.25	36.77	23.81	7.41	1.85	2.91
Provides: Mgr. Katarína Petriková, PhD.					
Date of last modification: 23.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

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: Conditions for course completion: Min. 80% of active participation in classes.							
Learning outcomes: Learning outcomes: Increasing physical condition and performance within individual sports. Strengthening the relationship of students to the selected sports activity and its continual improvement.							
Brief outline of the course: Brief outline of the course: Within the optional subject, the Institute of Physical Education and Sports of Pavol Jozef Šafárik University provides for students the following sports activities: aerobics, basketball, badminton, floorball, yoga, pilates, swimming, body-building, indoor football, self-defence and karate, table tennis, sports for unfit persons, streetball, tennis, and volleyball. In the first two semesters of the first level of education students will master basic characteristics and particularities of individual sports, motor skills, game activities, they will improve level of their physical condition, coordination abilities, physical performance, and motor performance fitness. Last but not least, the important role of sports activities is to eliminate swimming illiteracy and by means of a special program of medical physical education to influence and mitigate unfitnes. In addition to these sports, the Institute offers for those who are interested winter and summer physical education trainings with an attractive program and organises various competitions, either at the premises of the faculty or University or competitions with national or international participation.							
Recommended literature:							
Course language:							
Course assessment Total number of assessed students: 11672							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
88.42	0.01	0.0	0.0	0.0	0.03	7.59	3.96

Provides: 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. Marcel Čurgali, Ing. Iveta Cimboláková, PhD.

Date of last modification: 18.08.2017

Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

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: Conditions for course completion: Final assessment and active participation in classes - min. 75%.							
Learning outcomes: Learning outcomes: Increasing physical condition and performance within individual sports. Strengthening the relationship of students to the selected sports activity and its continual improvement.							
Brief outline of the course: Brief outline of the course: Within the optional subject, the Institute of Physical Education and Sports of Pavol Jozef Šafárik University provides for students the following sports activities: aerobics, basketball, badminton, floorball, yoga, pilates, swimming, body-building, indoor football, self-defence and karate, table tennis, sports for unfit persons, streetball, tennis, and volleyball. In the first two semesters of the first level of education students will master basic characteristics and particularities of individual sports, motor skills, game activities, they will improve level of their physical condition, coordination abilities, physical performance, and motor performance fitness. Last but not least, the important role of sports activities is to eliminate swimming illiteracy and by means of a special program of medical physical education to influence and mitigate unfitnes. In addition to these sports, the Institute offers for those who are interested winter and summer physical education trainings with an attractive program and organises various competitions, either at the premises of the faculty or University or competitions with national or international participation.							
Recommended literature:							
Course language:							
Course assessment Total number of assessed students: 10971							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.37	0.57	0.02	0.0	0.0	0.05	10.13	3.86

Provides: 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. Marcel Čurgali, Ing. Iveta Cimboláková, PhD.

Date of last modification: 18.08.2017

Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

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: 6910							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
89.84	0.04	0.0	0.0	0.0	0.03	4.23	5.86
Provides: 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., Ing. Iveta Cimboláková, PhD.							
Date of last modification: 18.08.2017							
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.							

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: 5045							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.09	0.3	0.04	0.0	0.0	0.0	6.82	7.75
Provides: 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., Ing. Iveta Cimboláková, PhD.							
Date of last modification: 18.08.2017							
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.							

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ USM/15	Course name: Introduction to Statistical Methods
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of credits: 6	
Recommended semester/trimester of the course: 2.	
Course level: I.	
Prerequisites:	
Conditions for course completion: 2 tests plus continuous assessment of activity and preparedness during exercises. Three absences maximally are allowed on labs. Maximum of 100 points consists of max 40 points for continuous assessment and max 60 for final assessment. Combined exam (theory + practical solving of examples). To be allowed to take an exam, a student must obtain at least 20 points from continuous assessment.	
Learning outcomes: The aim of the subject is to make students understand the purpose of using of statistical methods in practice, to learn theoretical background and become able to apply them in practical situations.	
Brief outline of the course: meaning, structure and nature of statistical methods – graphic and numerical representation of data files – determination of nature and closeness between the variables – probability – its character, determination and meaning in statistics – statistical judgment (hypotheses and algorithms) – difference statistics: parametric and non-parametric	
Recommended literature: Povinná: 1. FERJENČÍK, J.: Základy štatistických metód v sociálnych vedách. Košice: UPJŠ, 2006 JELEŇOVÁ, I.: Zbierka úloh zo základov štatistiky pre sociálne vedy. Košice: UPJŠ, 2012 2. HENDL, J.: Přehled statistických metod zpracování dat. Praha: Portál, 2004 3. www.statsoft.com/textbook/stathome.html Odporúčaná: 1. www.prenhall.com/mcclave 2. http://badame.vse.cz/iastat 3. CLAUSS, G., EBNER, H.: Základy štatistiky pre psychologov, pedagogov a sociológov. Bratislava: SPN, 1988	
Course language:	
Course assessment Total number of assessed students: 1726	

A	B	C	D	E	FX
8.75	13.21	13.27	15.59	33.08	16.11
Provides: doc. PhDr. Ján Ferjenčík, CSc., doc. Ing. Mgr. Jozef Bavoľár, PhD.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: Dek. PF UPJŠ/USPV/13	Course name: Introduction to Study of Sciences
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 12s / 3d Course method: present	
Number of credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 1356	
abs	n
88.86	11.14
Provides:	
Date of last modification: 19.02.2018	
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ VB1/01		Course name: General botany			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 2 Per study period: 42 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 2.					
Course level: I.					
Prerequisites: ÚBEV/CYT1/02 or ÚBEV/CYT1/15					
Conditions for course completion:					
Learning outcomes: This subject enables to understand the structure and function of plant cells, tissues and organs and to enhance student's ability to describe the biological role of plants for life on earth.					
Brief outline of the course: The structure and function of plant cells and tissues. Plant organs, their structure, function, shape and organization. Plant reproduction and grounding in embryology. Basic information and terms that are necessary for understanding of relationship between internal structure and functions of organs and functions plant organism en bloc.					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1777					
A	B	C	D	E	FX
18.91	22.62	27.41	18.01	9.23	3.83
Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčík, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ VEK1/03		Course name: Introduction to Ecology			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 3					
Recommended semester/trimester of the course:					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes: Fundamental parameters and relations in ecological science.					
Brief outline of the course: Ecological factors and relations in environment (air, water, soil); influence of ecological factors on individuals (morphological adaptations, behavioral reactions); populations and communities; ecosystems (impact assessment); conservation and biodiversity.					
Recommended literature: Begon, M., Harper, J. L., Townsend, C. L.: Ecology: individuals, populations, and communities. Blackwell Sci. Publ., 1990					
Course language:					
Course assessment Total number of assessed students: 1522					
A	B	C	D	E	FX
19.58	15.37	24.9	18.46	12.75	8.94
Provides: RNDr. Natália Raschmanová, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KFaDF/VKFV/07		Course name: Selected Topics in Philosophy of Education (General Introduction)			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of credits: 2					
Recommended semester/trimester of the course: 3., 5.					
Course level: I.					
Prerequisites: KFaDF/DF1/05					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. PhDr. Pavol Tholt, PhD., mim. prof.					
Date of last modification: 23.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/VPMOS/16		Course name: Developmental Psychology for Double-Major Study			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 29					
A	B	C	D	E	FX
20.69	24.14	27.59	20.69	6.9	0.0
Provides: Mgr. Mária Bačíková, PhD.					
Date of last modification: 21.08.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚCHV/ ZAC2/10		Course name: Basic Chemistry			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 6					
Recommended semester/trimester of the course: 1.					
Course level: I.					
Prerequisites:					
Conditions for course completion: inorganic part: one test in 6th week; 50 points. organic part: one test in 12th week; 50 points. At least 50% of points required from both. Terminal examination by written form, 100 points; 50 points from inorganic part and 50 points from organic parts.					
Learning outcomes: The main goal of this subject is to provide a basic overview of inorganic and organic chemistry for biology students.					
Brief outline of the course: Introduction to general and inorganic chemistry. Periodic systems of elements. Atomic structure. Chemical bonds. Relationship between structure and properties of substances. Solutions. Transition and non transition elements and their compounds. Coordination and biocoordination compounds. Elements essential for living organisms and their function. Biometals. Biominerals. Introduction to organic chemistry. Saturated and unsaturated hydrocarbons and their derivatives. Heterocyclic compounds. Carbohydrates. Lipids. Aminoacids and proteins. Enzymes and vitamins. Nucleic acids. Metabolism and energy.					
Recommended literature: 1. Caret C. R., Denniston K.J., Topping J. J.: Principles and Applications of Inorganic, Organic and Biological Chemistry. WCB, Boston 1997. 2. R.Chang: Chemistry, McGRAW-HILL,Inc., New York 1991. 3. K. C. Timberlake: Organic and Biological Chemistry, Structure of Life. Benjamin Cummings Publishing Company, Inc., San Francisco 2002.					
Course language:					
Course assessment Total number of assessed students: 1081					
A	B	C	D	E	FX
20.44	25.35	26.83	16.84	9.99	0.56

Provides: doc. RNDr. Zuzana Vargová, Ph.D., RNDr. Mária Vilková, PhD.
Date of last modification: 26.02.2018
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ ZKP/06	Course name: The Fundamentals of Clinical 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: 6	
Recommended semester/trimester of the course: 3., 5.	
Course level: I.	
Prerequisites: KPS/VP2/06	
Conditions for course completion: Maximum 40 points per semester, minimum 22 per semester. Test max 20/ min 11p. Oral presentation of written essay on chosen topic max 16/ min 11p. Semester 40%, exam 60% Result mark Sum of points from semester and exam: A 90 – 100 B 80 – 89 C 70 – 79 D 60 – 69 E 51 – 59 FX 50 and less	
Learning outcomes: The course introduces present information from applied psychological discipline - Clinical Psychology. It presents some actual theories, which explain basis of health, illness, dysfunction and disability. It concentrates on practical abilities, which are necessary for clinical psychology praxis.	
Brief outline of the course: 1. Subject of clinical psychology, its position in the system of psychological sciences 2. History of clinical psychology development 3. Practical questions of the work of a clinical psychologist 3. Concepts of normality / abnormality 4. Etiopathogenesis of mental disorders, biopsychosocial model 5. Specifics of psychogenic factors for the development of mental disorders 6. Methodology of research and individual approach in clinical psychology 7. Specifics of clinical psychological interview 8. Psychodiagnostics in clinical psychology 9. Collection of anamnestic information 10. Ethics in clinical psychology	
Recommended literature: Heretik, A., Heretik, A., a spol. (2007). Klinická psychológia, Nové Zámky: Psychoprof.	

Trull, T.J., Prinstein, M. (2012). Clinical psychology. Wadsworth: Cengage Learning. Baštecká, B., Goldman, P. (2001). Základy klinické psychologie, Praha: Portál. Baštecká, B. a kol. (2006). Klinická psychologie v praxi, Praha: Portál. Křivohlavý, J. (2003). Psychologie zdraví. Praha: Portál. Ondrášová, M. (2005). Psychiatria. Bratislava: Osveta. Říčan, P., Krejčířová, D. a kol. (2006). Dětská klinická psychologie, Praha: Grada.					
Course language: Slovak, English					
Course assessment Total number of assessed students: 612					
A	B	C	D	E	FX
40.69	32.52	15.2	7.52	2.61	1.47
Provides: Mgr. Monika Hricová, PhD.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Ol'ga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ ZNFYZM/15		Course name: Basics of Neurophysiology			
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of credits: 3					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 34					
A	B	C	D	E	FX
5.88	38.24	26.47	11.76	14.71	2.94
Provides: RNDr. Ján Gálik, CSc.					
Date of last modification: 21.09.2017					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ ZO1/03		Course name: Zoology I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites: ÚBEV/PMZ/10					
Conditions for course completion:					
Learning outcomes: Basis of Invertebrata taxonomy- Importance and function of chosen individual taxons. Phylogenetic relations.					
Brief outline of the course: Anatomy, morphology and development of separate groups of Invertebrates – especially Porifera, Cnidaria, Plathelminthes, Nemathelminthes, Mollusca, Anelida, Arthropoda, Echinodermata. Characteristic species.					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 1043					
A	B	C	D	E	FX
7.96	15.34	21.67	20.42	25.02	9.59
Provides: doc. RNDr. Ľubomír Panigaj, CSc., RNDr. Peter Ľuptáčik, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ ZO1/15		Course name: Zoology I			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 3.					
Course level: I.					
Prerequisites: ÚBEV/PMZ/10					
Conditions for course completion:					
Learning outcomes: Basis of Invertebrata taxonomy including taxonomy of Monocytozoa. Importance and function of chosen individual taxons. Phylogenetic relations.					
Brief outline of the course: Anatomy, morphology and development of separate groups of Invertebrates – especially Porifera, Cnidaria, Plathelminthes, Nemathelminthes, Mollusca, Anelida, Arthropoda, Echinodermata. Characteristic species.					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 208					
A	B	C	D	E	FX
6.73	19.23	20.19	26.44	19.71	7.69
Provides: doc. RNDr. Ľubomír Panigaj, CSc., RNDr. Peter Ľuptáčík, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc.Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ ZOG1/03		Course name: Zoogeography			
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: I., II.					
Prerequisites:					
Conditions for course completion: Active participation in seminars. Preparation of oral presentation to selected topic. Semestral written test. Oral examination.					
Learning outcomes: The main goal of the subject is to get knowledge on the basic reasons of recent distribution of the animals on the Earth, zoogeographic regionalization of the Earth's surface and human influence on the faunal distribution in the history.					
Brief outline of the course: This course will review our current understanding of the patterns of animal distribution and the processes that influence distributions of species and their attributes. Zoogeography will integrate information on the historical and current ecology, genetics, and physiology of animals and their interaction with environmental processes (continental drift, climate) in regulating geographic distributions. The course will emphasize descriptive and analytical approaches useful in hypothesis testing in zoogeography and will illustrate applied aspects of zoogeography (e.g. refuge design in conservation).					
Recommended literature: Buchar, J., 1983: Zoogeografie. SPN Praha Darlington, P.J., 1998: Zoogeography: The geographical distribution of animals. Krieger, USA Lomolino M.V., Brown J.H., Riddle B. R., 2005: Biogeography. Sinauer Associates, 1-845 Plesník, P., Zatkalík, F., 1996: Biogeografia. Vysokoškolské skriptá, PríFUK Bratislava					
Course language:					
Course assessment Total number of assessed students: 877					
A	B	C	D	E	FX
23.26	23.6	25.31	17.9	7.98	1.94
Provides: prof. RNDr. Ľubomír Kováč, CSc.					

Date of last modification: 23.02.2018
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ ZOO1/03		Course name: Zoology II			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 5					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites: ÚBEV/PMZ/10					
Conditions for course completion:					
Learning outcomes: Fundamental information on taxonomy and morphology of vertebrates					
Brief outline of the course: Systematic and phylogenetic relationships of vertebrate. Review of important groups of fishes, amphibians, reptiles, birds and mammals.					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 910					
A	B	C	D	E	FX
22.75	27.36	19.23	16.48	10.11	4.07
Provides: doc. RNDr. Marcel Uhrin, PhD., RNDr. Peter Ľuptáčik, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚBEV/ ZOO1/15		Course name: Zoology II			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present					
Number of credits: 4					
Recommended semester/trimester of the course: 4.					
Course level: I.					
Prerequisites: ÚBEV/PMZ/10					
Conditions for course completion:					
Learning outcomes: Fundamental information on taxonomy and morphology of vertebrates					
Brief outline of the course: Systematic and phylogenetic relationships of vertebrate. Review of important groups of fishes, amphibians, reptiles, birds and mammals.					
Recommended literature:					
Course language:					
Course assessment Total number of assessed students: 142					
A	B	C	D	E	FX
0.7	19.72	17.61	21.13	26.06	14.79
Provides: doc. RNDr. Marcel Uhrin, PhD., RNDr. Peter Ľuptáčik, PhD.					
Date of last modification: 23.02.2018					
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPS/ ZPSP/06		Course name: The Fundamentals of Psychology of Work			
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: 3., 5.					
Course level: I.					
Prerequisites:					
Conditions for course completion: -Credit test (20p) - Semester assignment - essay (20p) Semester 40%, exam 60% - Credit test (20p), min. 13p - semester assignment (20p), min. 13p - exam (60p), min. 30p - together min. 56p					
Learning outcomes: - Familiarize students with content of work psychology field - Orientation in central questions of work psychology - Opportunities and examples of fulfillment of psychologist in different society life areas					
Brief outline of the course: Definition of work psychology, historical preconditions of constitution of work psychology, work and her conditions, work analysis, psychological profesigraphy, work performance, motivation to work and work satisfaction, forming of work environment					
Recommended literature: Landy, F.J., Conte, J.M., 2007. Work in the 21st century. An introduction to industrial and organizational psychology. Blackwell Publishing, 2nd edition. Matthewman, L., Rose, A., Hetherington, A. 2009. Work psychology. Oxford University Press. Arnold, J. eds. 2005. Work Psychology. Understanding Human Behaviour in the workplace. Prentice Hall, 4th edition.					
Course language: Slovak, English					
Course assessment Total number of assessed students: 595					
A	B	C	D	E	FX
37.31	30.59	16.81	9.24	5.21	0.84

Provides: PhDr. Denisa Fedáková, PhD., Mgr. Pavol Kačmár, PhD.
Date of last modification: 21.09.2017
Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.

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: Conditions for course completion: Attendance	
Learning outcomes: Learning outcomes: Students will be provided an overview of possibilities how to spend leisure time in seaside conditions actively and their skills in work and communication with clients will be improved. Students will acquire practical experience in organising the cultural and art-oriented events, with the aim to improve the stay and to create positive experiences for visitors.	
Brief outline of the course: Brief outline of the course: 1. Basics of seaside aerobics 2. Morning exercises 3. Pilates and its application in seaside conditions 4. Exercises for the spine 5. Yoga basics 6. Sport as a part of leisure time 7. Application of projects of productive spending of leisure time for different age and social groups (children, young people, elderly) 8. Application of seaside cultural and art-oriented activities in leisure time	
Recommended literature:	
Course language:	
Course assessment Total number of assessed students: 33	
abs	n
12.12	87.88
Provides: Mgr. Alena Buková, PhD., Mgr. Agata Horbacz, PhD.	
Date of last modification: 18.08.2017	

Approved: Guaranteeprof. PhDr. Oľga Orosová, CSc. Guaranteeprof. RNDr. Pavol Mártonfi, PhD.