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University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ IG/04	Course ID: ÚCHV/ Course name: Acquirement of Internal Grant G/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 10		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:	Course language:		
Notes:	Notes:		
Course assessment Total number of assessed students: 184			
abs n			
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:	Approved:		

University: P. J. Šafárik University in Košice			
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ BINF/06	Course ID: ÚCHV/ Course name: Bioinformatics BINF/06		
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 4 / 2 Per study period: 56 / 28 Course method: present			
Number of ECTS cr	edits: 10		
Recommended seme	ster/trimester of the cou	rse:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:	Course language:		
Notes:	Notes:		
Course assessment Total number of assessed students: 26			
N P			
0.0 100.0			
Provides: doc. RNDr. Peter Pristaš, CSc.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafárik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ CZC/04	Course ID: ÚCHV/ Course name: Citation in the International Scientific Journal		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 10		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:	Course language:		
Notes:			
Course assessment Total number of assessed students: 49			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:	Approved:		

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ CDC/04	Course ID: ÚCHV/ Course name: Citation in the Local Scientific Journal		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 5		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 1			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:	Approved:		

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ CM/04	Course ID: ÚCHV/ Course name: Citation in the Monograph		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 20		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:	Course language:		
Notes:	Notes:		
Course assessment Total number of assessed students: 3			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ SDPR/04	Course ID: ÚCHV/ Course name: Co-worker of a Local Project SDPR/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	ature:		
Course language:	Course language:		
Notes:	Notes:		
Course assessment Total number of assessed students: 446			
abs n			
99.78 0.22			
Provides:			
Date of last modification:			
Approved:	Approved:		

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ SMPR/04	Course ID: ÚCHV/ Course name: Co-worker of an International Project SMPR/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 15		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 38			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafárik University in Košice				
Faculty: Faculty of Science				
Course ID: ÚCHV/ Course name: Conformational Stability of Proteins KSB/13				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 4 / 2 Per study period: 56 / 28 Course method: present				
Number of ECTS credits: 8				
Recommended semester/trimester of the course:				
Course level: III.				
Prerequisities:				
Conditions for course completion: Examination				
Learning outcomes: Student should attain extended knowledge in the field of conformation properties of proteins, folding and biosynthesis of proteins, formation and characteristics of missfodled and agregated proteins, new techniques in study of proteins: solvent engineering, display/evolution technologies.				
 Brief outline of the course: 1. Chemical properties of polypeptides (the polymeric nature of proteins, amino acid residues, the polypeptide backbone). 2. Protein structure determination methods. Physical interaction that determine the properties of proteins, conformational properties of polypeptide chains. Biosynthesis of proteins. 3. Proteins in solution and in membrane (folded state, missfolded states and denatured states of globular proteins) – stability of the folded conformations of proteins, flexibility and dynamics of protein structure. Misfolded and aggregated states of proteins. 4. Protein stability – thermodynamic and kinetic stability. Methods for determination of protein stability. Modification of protein stability: solvent engineering, display/evolution technologies. 				
 Recommended literature: 1. David L. Nelson, Michael M. Fox, Lenhinger principles of biochemistry, W.H.Freeman, New York, 2004. 2. J.M. Berg, J.L. Tymoczko, L. Stryer, Biochemistry, W.H.Freeman, New York, 2007. 3. Thomas E. Creighton, Proteins, Structure and Molecular Properties (2nd Ed.), W.H.Freeman; New York, 1993. 4. Articles from Scientific Journals. 				
Course language:				
Notes:				

Course assessment Total number of assessed students: 3		
N P		
0.0	100.0	
Provides: prof. Ing. Marián Antalík, DrSc., doc. RNDr. Erik Sedlák, DrSc., RNDr. Nataša Tomášková, PhD.		
Date of last modification: 03.05.2015		
Approved:		

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ ODZP/2014/15	Course ID: ÚCHV/ Course name: Defence of Doctoral Thesis ODZP/2014/15		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 30		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 50			
N P			
0.0 100.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ PPC/04	Course name: Direct Pedagogical Activities		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 1		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:	Course language:		
Notes:	Notes:		
Course assessment Total number of assessed students: 394			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ PPC/04	Course name: Direct Pedagogical Activities		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 1		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:	Course language:		
Notes:	Notes:		
Course assessment Total number of assessed students: 394			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ DZS/15	Durse ID: ÚCHV/ Course name: Dissertation examination		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 20		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:	Notes:		
Course assessment Total number of assessed students: 51			
	N P		
0.0 100.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:	Approved:		

University: P I	Šafárik Univers	ity in Košice			
Faculty: Facult					
Faculty. Facult		T 1' 1 T			
Course ID: CJP AJD1/07	Course na	ame: English Lar	iguage for PhD	Students 1	
Course type, sc Course type: H Recommended Per week: 2 Pe Course metho	ope and the met Practice d course-load (h er study period: d: present	thod: ours): 28			
Recommended	semester/trime	ster of the cours	٥.		
Course level: II	I				
Prerequisities:					
Conditions for Written assignn distance mode of	course completinents - profession of instruction usine	on: nal CV, short acao ng MS teams	demic biography	/ (200-350 words).
Brief outline of	Brief outline of the course:				
Recommended	literature:				
Course languag	ge:				
Notes:	Notes:				
Course assessment Total number of assessed students: 654					
N	Ne	Р	Pr	abs	neabs
0.0	0.0	51.38	0.0	48.62	0.0
Provides: PhDr. Helena Petruňová, CSc., Mgr. Zuzana Kolaříková, PhD.					
Date of last mo	dification: 11.02	2.2021			
Approved:					

·				
University: P. J. Šafár	University: P. J. Šafárik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: CJP/ AJD2/07	Course name: English Language for PhD Students 2			
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: pre	nd the method: ce rse-load (hours): dy period: 28 esent			
Number of ECTS cro	edits: 3			
Recommended seme	ster/trimester of the course:			
Course level: III.				
Prerequisities:				
Conditions for cours Distance mode of ins Test, oral exam in acc cjp/doktorandi-upjs/)	e completion: truction. Online consultations. ordance with the exam requirements (https://www.upjs.sk/filozoficka-fakulta/			
Learning outcomes: Development of stu (selected aspects of pragmatic competence and specific purposes	idents'language skills, improvement of students'linguistic competencies English pronunciation, vocabulary and syntax), development of students's e (selected aspects of functional grammar) with focus on English for academic . B2/C1 level of lanugage competence (according to CEFR.)			
Brief outline of the c Specific aspecs of a (noun and verb colloc language, etc.), select etc.), selected functio Academic communic	ourse: cademic and professional English with focus on vocabulary development ations, phrasal verbs, prepositional phrases, word-formation, formal/informal ed aspects of English grammar (prepositions, grammar tenses, passive voice, nal grammar (expressing opinion, cause/effect, arguments, examples, etc.). ation. Cross-language interference.			
Recommended litera Kolaříková, Z., Petru UPJŠ Košice, 2015 McCarthy, M., O'Del Štepánek, L., J. De H 2011 Blašková, K.: Handbe Dušková, L. a kol.: H Bratislava, 1982 Armer, T.: Cambridge Porter, D.: Check you Oxford Collocations Ims.upjs.sk	 ture: ňová, H., Timková, R.: Angličtina v akademickom prostredí (cvičebnica). 1, F.: Academic Vocabulary in Use. CUP, 2008 aff a kol.: Academic English-Akademická angličtina. Grada Publishing, a.s., pok of English for Postgraduate Students. Vyd. SPRINT Bratislava, 2007 tovorová angličtina pre vedeckých a odborných pracovníkov. Veda. e English for Scientists. CUP, 2011 ur vocabulary for Academic English. Macmillan Publishers Limited, 2008 Dictionary for students of English. OUP, 2002 			
Course language:				

B2/C1 level according to CEFR					
Notes:	Notes:				
Course assessment Total number of assessed students: 649					
N	Ne P Pr abs neabs				
0.31	0.0	93.07	1.23	5.39	0.0
Provides: PhDr. Helena Petruňová, CSc., Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 10.02.2021					
Approved:					

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ GI/06	se ID: ÚCHV/ Course name: Genetic Engineering		
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 4 / 2 Per study period: 56 / 28 Course method: present			
Number of ECTS cr	edits: 10		
Recommended seme	ster/trimester of the cour	se:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:	Learning outcomes:		
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:	Notes:		
Course assessment Total number of assessed students: 17			
	N P		
0.0 100.0			
Provides: doc. RNDr. Peter Pristaš, CSc.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ MK/04	rse ID: ÚCHV/ Course name: International Conference		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 6		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	Conditions for course completion:		
Learning outcomes:	Learning outcomes:		
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 214			
	abs n		
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:	Approved:		

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ ZKC/04	urse ID: ÚCHV/ Course name: International Currented Journal C/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cro	edits: 20		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:	Learning outcomes:		
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:	Notes:		
Course assessment Total number of assessed students: 302			
	abs n		
99.67 0.33			
Provides:			
Date of last modification: 03.05.2015			
Approved:	Approved:		

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ ZNC/04	: ÚCHV/ Course name: International Non-Currented Jounal		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 5		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:	Learning outcomes:		
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:	Notes:		
Course assessment Total number of assessed students: 21			
	abs n		
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ NEM/04	Course name: Introduction of a New Experimental Method		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 15		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:	Learning outcomes:		
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:	Notes:		
Course assessment Total number of assessed students: 9			
	abs n		
100.0 0.0			
Provides:			
Date of last modification:			
Approved:	Approved:		

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/	Course name: Local Confe	erence	
DK/04			
Course type, scope a	nd the method:		
Course type: Recommended course	rse-load (hours):		
Per week: Per stud	v period:		
Course method: pre	esent		
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:	Learning outcomes:		
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:	Notes:		
Course assessment			
Total number of assessed students: 116			
	abs n		
100.0 0.0			
Provides:			
Date of last modification:			
Approved:	Approved:		

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ DKZU/04	Course ID: ÚCHV/ Course name: Local Conference with Foreign Participation		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 4		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 216			
abs n			
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:	Approved:		

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ DKC/04	Course ID: ÚCHV/ Course name: Local Currented Journal DKC/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 15		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 10			
abs n			
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: LICHV/ Course name: Local Non Currented Journal			
DNC/04	NC/04 Course name: Local Non-Currented Journal		
Course type, scope a	nd the method:		
Course type:			
Recommended coul	rse-load (hours):		
Course method: pre	ly perioa:		
Course method. pro			
Number of ECTS cr	edits: 5		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment			
Total number of assessed students: 18			
abs n			
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:	Approved:		

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/ POVK/04	Durse ID: ÚCHV/ Course name: Membership in a Conference organizing Committee DVK/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	Recommended literature:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 39			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ MPEP/06	Course name: Methodology of Experimental Work		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 4		
Recommended seme	ster/trimester of the cours	2:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	Brief outline of the course:		
Recommended litera	iture:		
Course language:			
Notes:	Notes:		
Course assessment Total number of assessed students: 17			
abs n			
100.0 0.0			
Provides: doc. RNDr. Peter Javorský, DrSc., prof. RNDr. Mária Kožurková, CSc., prof. Ing. Marián Antalík, DrSc., doc. RNDr. Viktor Víglaský, PhD., doc. RNDr. Erik Sedlák, DrSc.			
Date of last modification: 03.05.2015			
Approved:			

Faculty: Faculty of Science

Course ID: ÚCHV/ **Course name:** Modern Trends in Biotechnology MTB/13

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

Course method: present

Number of ECTS credits: 6

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Examination

Learning outcomes:

To acquaint students with the latest knowledge and trends in biotechnology.

Brief outline of the course:

Methods, disciplines and the use of biotechnology. The material base for biotechnology. Genetic engineering, cloning, artificial insemination and conventional techniques of plant biotechnology. Biomass - Biotechnology substrate. Biogas. Fermentation processes, cultivation equipment, types of fermenters and mixers. Food Biotechnology: alcoholic fermentation, production of spirits, beer and wine. Production of dairy products, amino acids and vitamins. Manufacture of organic solvents: acetone, butanol, ethanol. Biotechnology in medicine. Production of antibiotics, vaccines and proteins for therapeutic purposes. Wastewater treatment: biological filters, membrane bioreactors, sludge disposal, removal of solid impurities and water disinfection.

Recommended literature:

1. Y.H. Hui, Ph.D, Wai-Kit Nip, Leo M.L. Nollet, PhD, Gopinadhan Paliyath, Ph.D., Benjamin K. Simpson, Food Biochemistry and Food Processing, Wiley-Blackwell, 2006.

2. E. M. T. El-Mansi, C. F. A. Bryce, Arnold L. Demain, A.R. Allman, Fermentation Microbiology and Biotechnology, Second Edition, CRS Press, 2006.

3. Principles of Fermentation Technology, Second Edition, P F Stanbury, S. Hall, A. Whitaker, Elsevier Science Ltd., 1999.

4. J. G. Black, Microbiology (seventh edition), John Wiley & Sons, Inc. 2008.

5. J. E. Smith, Biotechnology (fifth edition), UK, University Press, Cambridge, 2009.

6. W. Bains, Biotechnology from A-Z (third edition), Oxford university Press, 2004.

Course language:

Notes:

Course assessment Total number of assessed students: 4			
N P			
0.0 100.0			
Provides: RNDr. Danica Sabolová, PhD.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ NZ/04	ourse ID: ÚCHV/ Course name: Not-Reviewed International or Local Proceedings		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 173			
abs n			
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:	Approved:		

University: P. J. Šafárik University in Košice		
Faculty: Faculty of S	cience	
Course ID: ÚCHV/ NKSF/13	Course name: Nucleic Acids: Structure and Function	
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 1 Per study period: 42 / 14 Course method: present		
Number of ECTS credits: 6		

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Examination

Learning outcomes:

The main objective of the course is to provide studenst of PhD degree the newest trends in the field of molecular biology and biochemistry focused on nucleic acids.

Brief outline of the course:

The lead-in of the molecular genetics and biology problems, the implication of the nucleic acids for processes occurring in cells. Dividing the nucleic acids according to their chemical compound and their function, localization in the cell organelles, DNA and RNA structure, DNA topology, the chromatine structure, the histons function, dividing of the small RNA molecules and their catalytic function. Transcription in eukaryotických and prokaryotic cells: promoters, enhancers, silencers, transcription factors, initiation, post-transcription modification, processing of precursor RNA: covalent modification, hnRNA, polyadenylation, cap creation, splicing and RNA editing, transcription regulation, negative-positive, anti-termination, attenuation, cis- and transregulating elements, iRNA. Translation of the eukaryotic and prokaryotic genomes: iniciation, elongation, termination, post-translating modification, regulating mechanisms, protein folding, in vitro translating systems. Replication: iniciation, ori/ARS, the replicant factor processing mechanisms, PCR and its variations. The nucleic acids metabolism, syntheses and degradation of the purine and pyrimidin bases, gout. Mutations: the hereditary illnesses, the infulence of the outer and the initial factors to the mutagenesis induction, definition of the oncogenes and the tumor suppressing genes. Viruses: genome, morphology, function. Carcinogenesis and gene therapy. The Outlook for a successful cancer treatment. The cons and pros of the known therapeutic methods.

Recommended literature:

1. B. Alberts, A. Johnson, J. Lewis, M. Raff, K. Roberts, P.: Walter Molecular Biology of the Cell, Garland Science, Fifth edition, New York, NY, 2008.

2. Neidle S.: Cancer Drug Design and Discovery, Academic Press, First edition, 2007.

3. Krauss G.: Biochemistry of Signal Transduction and Regulation, Wiley-VCH Verlag GmbH, Second Edition, 2003.

Course language:

Notes:			
Course assessment Total number of assessed students: 9			
N P			
0.0 100.0			
Provides: doc. RNDr. Viktor Víglaský, PhD.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ PVS/04	Course ID: ÚCHV/ Course name: Patents, Inventions, Software		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	Recommended literature:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 0			
abs n			
0.0 0.0			
Provides:			
Date of last modification:			
Approved:	Approved:		

University: P. J. Šafá	rik Universit	y in Košice		
Faculty: Faculty of S	cience			
Course ID: KPE/ PgVU/17): KPE/ Course name: Pedagogy for university teachers			
Course type, scope a Course type: Lectur Recommended cour Per week: Per stud Course method: pre	nd the meth re rse-load (ho y period: 28 esent	nod: urs): ³ s		
Number of ECTS cr	edits: 5	A A		
Recommended seme	ster/trimest	er of the course:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completio	n:		
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of asses	ssed students	5: 33		
abs	abs n neabs			
100.0	100.0 0.0 0.0			
Provides: doc. PaedDr. Renáta Orosová, PhD.				
Date of last modifica	tion: 08.06.	2021		
Approved:				

University P I Šafá	University: P. I. Šeférik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ FBB/06	Course name: Physiology and Biochemistry of Rumen Microorganisms		
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 4 / 2 Per study period: 56 / 28 Course method: present			
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 9			
N P			
0.0 100.0			
Provides: doc. RNDr. Peter Javorský, DrSc., doc. RNDr. Peter Pristaš, CSc.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/ VYS/04	Course ID: ÚCHV/ Course name: Presentation in Seminar /YS/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 182			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/ PKLB/04	Course name: Progress in Clinical Biochemistry		
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present			
Number of ECTS cr	edits: 8		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes: Aim: Student should level and orientation	attain extended knowledge on the newest information in	in the field of clinical biochemistry on molecular n clinical biochemistry and pathobiochemistry.	
Brief outline of the course: Molecular basis of clinical biochemistry (urine, kidneys, pancreas, glands, heart and blood circulation, lungs and windpipes, liver and biliary duct) and practical application.			
Recommended literature: Musil, J.: Molekulove základy klinické biochemie, Avicenum, 1994 aktuálne články z odborných časopisov			
Course language:			
Notes:			
Course assessment Total number of assessed students: 0			
	Ν	Р	
0.0 0.0			
Provides: doc. RNDr. Jaroslav Kušnír, CSc.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafárik University in Košice				
Faculty: Faculty of Science				
Course ID: KPPaPZ/PsVU/17	Course na	me: Psychology for University L	ecturers	
Course type, scope a Course type: Lectur Recommended cour Per week: Per stud Course method: pre	Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 28s Course method: present			
Number of ECTS cro	edits: 5			
Recommended seme	ster/trimes	ter of the course:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completio	on:		
Learning outcomes:				
University teacher and his work in the teaching process with a focus on: teacher in relation to himself (cognitive, personality, social competencies and competencies in the use of methods), in relation to students and as part of the teacher-student relationship based on selected areas of cognitive psychology, psychology of emotions and motivation, developmental psychology, social psychology, educational psychology and health psychology with application to the university environment.				
Recommended literature: Alexitch, L. R. (2005). Applying social psychology to education. Social Psychology.–Ed.: Schneider F., Gruman J., Coutts L.–Sage Publications, Inc, 205-228. Fry, H., Ketteridge, S., & Marshall, S. (2008). A handbook for teaching and learning in higher education: Enhancing academic practice. Routledge. Mareš, J.: Pedagogická psychologie. Portál, 2013. Kniha psychologie. Universum, 2014 Čáp, J., Mareš, J.: Psychologie pro učitele. Praha: Portál 2007. Vágnerová M.: Školní poradenská psychológie pro pedagogy. Praha: Karolínum 2005				
Course language:				
Notes:				
Course assessment Total number of assessed students: 37				
abs n neabs				
100.0	100.0 0.0 0.0			
Provides: PhDr. Anna Janovská, PhD.				
Date of last modifica	tion: 28.06	2021		

Approved:

University: P. J. Š	afárik Universit	y in Košice
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Faculty: Faculty of Science

Course ID: ÚCHV/ **Course name:** Research of Individual Molecules VIM/13

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours):

Per week: 4 / 2 Per study period: 56 / 28

Course method: present

Number of ECTS credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Examination

Learning outcomes:

In biological systems, many biopolymers present in small amounts, even as individual molecules. Recently, new methods have been developed to study such systems. The lectures will be given to work regularities of such systems, as well as biochemical and biophysical research methods of individual molecules.

Brief outline of the course:

Biomacromolecules, cells in terms of their individual characteristics. Basic knowledge about the function of lasers and other devices (eg XFEL), suitable for the study of biomacromolecules. GFP protein, dyes - fluorescent probes, nano and microparticles. Atomic force microscopy - AFM, MSM. Microchip electrophoresis and microhydrodynamic devices (MEMS, Lab on a Chip). Super resolution microscopy, two-photon processes, and more. TERS, SERS, Fano resonance. SNOM, fluorescence correlation spectroscopy. GSDM, STED. Storm, FRET, TIRF. Manipulation of individual molecules, cells. Optical tweezers, magnetic tweezers, optical crystals with cavity. Electron microscopy (SEM, TEM), X-ray microscopy. Study of membrane processes, Patch clamp. The electrical conductivity of the molecules, graphene, carbon nanotubes.

Recommended literature:

1. Christoph Zander, Jörg Enderlein, Richard A. Keller Single molecule detection in solution: methods and applications Wiley, 2002.

2. Chris Gell, David Brockwell, D. Alastair Smith, Handbook of single molecule fluorescence spectroscopy, Oxford University Press, 2006.

3. Experimental oriented journal articles:

/ Keir C Neuman & Attila Nagy Single-molecule force spectroscopy: optical tweezers, magnetic tweezers and atomic force microscopy Nature Methods - 5, 491 - 505 (2008)

/ Chirlmin Joo, Hamza Balci, Yuji Ishitsuka,1 Chittanon Buranachai, and Taekjip Ha,

Advances in Single-Molecule Fluorescence Methods for Molecular Biology, Annual Review of Biochemistry 77, 51-76 (2008).

Course language:

Notes:		
Course assessment Total number of assessed students: 3		
N P		
0.0	100.0	
Provides: prof. Ing. Marián Antalík, DrSc.		
Date of last modification: 03.05.2015		
Approved:		

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/ VPBP/04	Course ID: ÚCHV/ Course name: Review of a Bachelor Thesis		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 64			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ RZ/04	Course ID: ÚCHV/ Course name: Reviewed International or Local Proceedings		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 5		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 321			
abs n			
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/ SCI/04	Course ID: ÚCHV/ Course name: SCI Citation		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 20		
Recommended seme	ster/trimester of the cours	2:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:	Notes:		
Course assessment Total number of assessed students: 206			
abs n			
100.0 0.0			
Provides:			
Date of last modification:			
Approved:			

Faculty: Faculty of Science

Course ID: ÚCHV/ **Course name:** Selected Topics in Biochemistry of Microorganisms VKBM/13

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 4 / 2 Per study period: 56 / 28

Course method: present

Number of ECTS credits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

Examination

Learning outcomes:

Familiarize postgraduate students with newest knowledge from Biochemistry of microorganism.

Brief outline of the course:

Diversity of microbial world – microbial evolution, taxonomy and diversity.

Ecology and symbiosis – Biogeochemical cycling and introductory microbial ecology, microbial interactions.

Antimicrobial chemotherapy – development of chemotherapy, general characteristics of antimicrobial drugs, determining the level of antimicrobial activity, antibacterial drugs, factor influencing antimicrobial drug effectiveness, drug resistance, antifungal, antiviral and antiprotozoal drugs.

Food and industrial microbiology – microbiology of food, microorganism growth in foods, microbial and food spoilage, controlling food spoilage, food-borne pathogens.

Applied and industrial microbiology – microorganisms used in industrial microbiology, major products of industrial microbiology.

Recommended literature:

1. Black, J. G.: Microbiology, Wiley & Sons, Inc., 2008.

2. Johnson, T. R., Case, J.: Laboratory Experiments in Microbiology, 9th Ed., Pearson, 2010.

3. Kayser, F. H., Bienz, K. A., Eckert, J., Zinkernagel, R. M.: Medical Microbiology, Thieme, Stitgart-New York, 2001.

4. Levinson, W.: Review of Medical Microbiology and Immunology, McGraw-Hill International Edition, 2010.

5. Willey, J. M., Sherwood, L. M., Woolverton, C. J.: Prescott, Harley, and Klein's Microbiology, McGraw-Hill International Edition, 2008.

Course language:

Notes:

Course assessment Total number of assessed students: 6		
N P		
0.0 100.0		
Provides: prof. RNDr. Mária Kožurková, CSc.		
Date of last modification: 03.05.2015		
Approved:		

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/	D: ÚCHV/ Course name: Selected Topics in Biochemistry		
VKB/06	LB/06		
Course type, scope a	nd the method:		
Course type: Lectur	re / Practice		
Per week · 4 / 2 Per	study neriod: 56 / 28		
Course method: pre	esent		
Number of ECTS cr	edits: 10		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment			
Total number of assessed students: 42			
	N P		
0.0 100.0			
Provides: prof. Ing. Marián Antalík, DrSc.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ VKBMB/04	Course name: Selected Topics in Biochemistry and Molecular Biology		
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present			
Number of ECTS cr	edits: 8		
Recommended seme	Recommended semester/trimester of the course:		
Course level: III.	Course level: III.		
Prerequisities:	Prerequisities:		
Conditions for course completion:			
Learning outcomes:			
Brief outline of the course:			
Recommended literature:			
Course language:			
Notes:			
Course assessment Total number of assessed students: 41			
	Ν	Р	
	0.0	100.0	
Provides: doc. RNDr. Peter Javorský, DrSc., doc. RNDr. Peter Pristaš, CSc.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ VKI/06	Course name: Selected Topics in Immunology		
VK1/00 Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 4 / 2 Per study period: 56 / 28 Course method: present Number of ECTS credits: 10 Recommended semester/trimester of the course:			
Course level: III.			
Prerequisities:			
Conditions for cours	Conditions for course completion:		
Learning outcomes:			
Brief outline of the c	Brief outline of the course:		
Recommended literature:			
Course language:			
Notes:			
Course assessment Total number of assessed students: 3			
	N	Р	
	0.0	100.0	
Provides: prof. MVDr. Juraj Koppel, DrSc., RNDr. Štefan Číkoš, CSc.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafá	rik University in Košic	2	
Faculty: Faculty of Science			
Course ID: ÚCHV/ VKFZ/06	Course name: Selected Topics in Physiology		
Course type, scope a Course type: Lectur Recommended cour Per week: 4 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 56 / 28 esent		
Recommended seme	ster/trimester of the c	011760.	
Course level: III			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	Brief outline of the course:		
Recommended literature:			
Course language:	Course language:		
Notes:			
Course assessment Total number of assessed students: 0			
	N		Р
	0.0		0.0
Provides: prof. MVDr. Juraj Koppel, DrSc., RNDr. Štefan Číkoš, CSc.			
Date of last modification: 03.05.2015			
Approved:			

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/ ZSP/04	P/04 Course name: Study Stay Abroad		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	Conditions for course completion:		
Learning outcomes:			
Brief outline of the course:			
Recommended literature:			
Course language:			
Notes:			
Course assessment Total number of assessed students: 80			
	abs	n	
	100.0	0.0	
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/ VBP/04	rse ID: ÚCHV/ Course name: Supervision of Bachelor Thesis		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 6		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the course:			
Recommended literature:			
Course language:			
Notes:			
Course assessment Total number of assessed students: 300			
	abs	n	
	100.0	0.0	
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ VPSV/04	se ID: ÚCHV/ Course name: Supervision of a Students Scientific Work		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 6		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the course:			
Recommended literature:			
Course language:			
Notes:			
Course assessment Total number of assessed students: 73			
	abs	n	
	100.0	0.0	
Provides:			
Date of last modification:			
Approved:	Approved:		

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: ÚCHV/ TBFC/04Course name: Trends in Biophysical Chemistry			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 4 / 2 Per study period: 56 / 28 Course method: present			
Number of ECTS credits: 10			
Recommended semester/trimester of the course:			
Course level: III.			
Prerequisities:			
Conditions for course completion:			
Learning outcomes:			
Brief outline of the course: Structure hierarchy of biological systems Time hierarchy in biological systems Regulatory mechanism Cooperativity Autocatalytic processes Atractors, fractals Surface interfaces Evolution of biological systems Molecular principles of morphogenesis, signal transductions Communications, chemotaxis Biomimetic materials Modern biophys.chem methods and devices Modern biophys. Methods and devices			
Recommended literature: Cantor,C.R.,Schimmel,P.R Biophysical Chemistry, W.H. Freeman and Co., S. Francisco,1980 Voet,D. Voet,J.G. Biochemistry, John Willey @Sons, 1990 Kersal E. van Holde, W. Curtis Johnson, P. Shing Ho: Principles of Physical Biochemistry, Prentise Hall, 1998 Articles from Journals			
Course language:			
Notes:			

Course assessment Total number of assessed students: 31		
N	Р	
0.0	100.0	
Provides: prof. Ing. Marián Antalík, DrSc.		
Date of last modification: 03.05.2015		
Approved:		

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ PDS/14	urse ID: ÚCHV/ Course name: Writing Dissertation Work S/14		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 0		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.	Course level: III.		
Prerequisities:			
Conditions for cours	Conditions for course completion:		
Learning outcomes:			
Brief outline of the course:			
Recommended literature:			
Course language:			
Notes:			
Course assessment Total number of assessed students: 32			
	abs	n	
	100.0	0.0	
Provides:			
Date of last modification:			
Approved:			

University: P. J. Šafá	University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science			
Course ID: ÚCHV/ PDS/18	Course ID: ÚCHV/ Course name: Writing Dissertation Work DS/18		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 0		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the course:			
Recommended literature:			
Course language:			
Notes:			
Course assessment Total number of assessed students: 6			
	Ν	Р	
	0.0	100.0	
Provides:			
Date of last modification:			
Approved:			