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author in the journal which is included in category Q3
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author in the journal which is included in category Q453
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author in the journal which is included in category Q154
44. Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st
author in the journal which is included in category Q255
45. Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st
author in the journal which is included in category Q3
46. Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st
author in the journal which is included in category Q457
47. Spring School for PhD Students
48. Statistical methods in scientific work
49. Submission of dissertation thesis for defense
50. Supervision of bachelor thesis
51. The direct pedagogical activity
52. Work in the conference organizing committee

	rik University in Košice		
Faculty: Faculty of M	Aedicine		
Course ID: Dek. LF UPJŠ/APV-DK +Z/22			
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pr	rse-load (hours): ly period: esent		
Number of ECTS cr			
	ester/trimester of the cours	se:	
Course level: III.			
Prerequisities: Conditions for cour			
The doctoral studen relevantly document	t states the activity in the ed (e.g. publication, program	erence with international participation. a doctoral annual report and these activities are m).	
of knowledge and al methods. Demonstra	ting in a scientific conferent pility to identify, evaluate, of tes competence to use existing an critically analyse and con	ice, the doctoral student demonstrates a high level correctly apply scientific knowledge and research ng knowledge and generate new original scientific nmunicate to a wider audience by adequate means	
Brief outline of the	course:		
Recommended liter	ature:		
	-		
Course language: english, slovak			
0 0			
english, slovak	ssed students: 110		
english, slovak Notes: Course assessment	essed students: 110 abs	neabs	
english, slovak Notes: Course assessment		neabs 0.0	
english, slovak Notes: Course assessment	abs		
english, slovak Notes: Course assessment Total number of asse	abs 100.0		

	rik University in Košice	
Faculty: Faculty of N	<i>M</i> edicine	
Course ID: Dek. LF Course name: Active presentation of results at an international conference abroad		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral studen	of results at an international of t states the activity in the ed (e.g. publication, program	doctoral annual report and these activities are
of knowledge and ab methods. Demonstrat	bility to identify, evaluate, context tes competence to use existing	ce, the doctoral student demonstrates a high level orrectly apply scientific knowledge and research ng knowledge and generate new original scientific imunicate to a wider audience by adequate means
By actively participal of knowledge and ab methods. Demonstrat	bility to identify, evaluate, context tes competence to use existing	orrectly apply scientific knowledge and research
By actively participal of knowledge and ab methods. Demonstrat knowledge that he ca	bility to identify, evaluate, contest competence to use existing on critically analyse and com	orrectly apply scientific knowledge and research ng knowledge and generate new original scientific
By actively participal of knowledge and ab methods. Demonstrat knowledge that he ca (e.g. lecture, poster).	bility to identify, evaluate, contest competence to use existing on critically analyse and come	orrectly apply scientific knowledge and research ng knowledge and generate new original scientific
By actively participal of knowledge and ab methods. Demonstrat knowledge that he ca (e.g. lecture, poster). Brief outline of the c	bility to identify, evaluate, contest competence to use existing on critically analyse and come	orrectly apply scientific knowledge and research ng knowledge and generate new original scientific
By actively participat of knowledge and ab methods. Demonstrat knowledge that he ca (e.g. lecture, poster). Brief outline of the c Recommended litera Course language:	bility to identify, evaluate, contest competence to use existing on critically analyse and come	orrectly apply scientific knowledge and research ng knowledge and generate new original scientific
By actively participat of knowledge and ab methods. Demonstrat knowledge that he ca (e.g. lecture, poster). Brief outline of the c Recommended litera Course language: english, slovak	bility to identify, evaluate, contest competence to use existing analyse and come course:	orrectly apply scientific knowledge and research ng knowledge and generate new original scientific
By actively participal of knowledge and ab methods. Demonstrat knowledge that he ca (e.g. lecture, poster). Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	bility to identify, evaluate, contest competence to use existing analyse and come course:	orrectly apply scientific knowledge and research ng knowledge and generate new original scientific
By actively participal of knowledge and ab methods. Demonstrat knowledge that he ca (e.g. lecture, poster). Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	bility to identify, evaluate, contest competence to use existing analyse and compose and c	orrectly apply scientific knowledge and research ng knowledge and generate new original scientific imunicate to a wider audience by adequate means
By actively participal of knowledge and ab methods. Demonstrat knowledge that he ca (e.g. lecture, poster). Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	bility to identify, evaluate, contest competence to use existing analyse and compose and c	neabs
By actively participal of knowledge and ab methods. Demonstrat knowledge that he ca (e.g. lecture, poster). Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	bility to identify, evaluate, contest competence to use existing analyse and commendation critically analyse and commendations and comme	neabs

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of N	Iedicine		
Course ID: Dek. LF UPJŠ/APV-DK/22	Course name: Active pres	entation of results at the national conference	
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:		
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
The doctoral student relevantly documenter Learning outcomes:	ed (e.g. publication, program	doctoral annual report and these activities are	
of knowledge and ab methods. Demonstrat knowledge that he ca	ility to identify, evaluate, consistent competence to use existing	ee, the doctoral student demonstrates a high level prrectly apply scientific knowledge and research ig knowledge and generate new original scientific municate to a wider audience by adequate means	
(e.g. lecture, poster). Brief outline of the c			
Recommended litera			
Course language: english, slovak			
Notes:			
Course assessment Total number of asse	ssed students: 84		
abs neabs			
	100.0 0.0		
Provides:			
Date of last modifica	ition: 23.03.2022		

	rik University in Košice		
Faculty: Faculty of M	<i>l</i> edicine		
Course ID: ULCHBKB/ AMB/22	5		
Course type, scope a Course type: Semir Recommended cou Per week: 2 Per stu Course method: pro	ar rse-load (hours): Idy period: 28		
Number of ECTS cr	edits: 5		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours seminars, practic details: https://www education/subjects/de	al exercises, solving w.upjs.sk/lekarska-fakulta/e	of assigned tasks, exam; more m/department/medical-and-clinical-biochemistry/	
clinical-biochemical material (eg body	diagnostics both theoretical	ed in laboratories with a focus on application in lly and practically. They can analyze biological analytical techniques (eg spectrophotometry, noresis).	
<i>y</i> 1	es. Optical methods. Insu	alation techniques. Electrophoretic techniques. d detection of substances. Immunoanalytical	
methods. More detail	-	rska-fakulta/en/department/medical-and-clinical-	
methods. More detail biochemistry/educati Recommended liters Lottspeich F., Engels Molecular Biology, V	ls: https://www.upjs.sk/leka on/subjects/doctoral-study/ ature: J.W.:Bioanalytics: Analytic	-	
methods. More detail biochemistry/educati Recommended liters Lottspeich F., Engels Molecular Biology, V	ls: https://www.upjs.sk/leka on/subjects/doctoral-study/ ature: J.W.:Bioanalytics: Analytic Willey, 2019 Locatelli M, Ce	rska-fakulta/en/department/medical-and-clinical-	
methods. More detail biochemistry/education Recommended litera Lottspeich F., Engels Molecular Biology, M Current scientific and Course language:	ls: https://www.upjs.sk/leka on/subjects/doctoral-study/ ature: J.W.:Bioanalytics: Analytic Willey, 2019 Locatelli M, Ce	rska-fakulta/en/department/medical-and-clinical-	
methods. More detai biochemistry/educati Recommended liters Lottspeich F., Engels Molecular Biology, V Current scientific and Course language: english, slovak Notes: Course assessment	ls: https://www.upjs.sk/leka on/subjects/doctoral-study/ ature: J.W.:Bioanalytics: Analytic Willey, 2019 Locatelli M, Ce d professional publications	rska-fakulta/en/department/medical-and-clinical-	
methods. More detai biochemistry/educati Recommended litera Lottspeich F., Engels Molecular Biology, V Current scientific and Course language: english, slovak Notes:	ls: https://www.upjs.sk/leka on/subjects/doctoral-study/ ature: J.W.:Bioanalytics: Analytic Willey, 2019 Locatelli M, Ce d professional publications	rska-fakulta/en/department/medical-and-clinical-	

Provides: doc. Ing. Katarína Dubayová, PhD., doc. RNDr. Vladimíra Tomečková, PhD., univerzitná profesorka, prof. Ing. Mária Mareková, CSc.

Date of last modification: 17.02.2023

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P. J. Šafár	rik University in Košice
Faculty: Faculty of M	Iedicine
Course ID: ULCHBKB/BNK/22	Course name: Analytical Methods in Biochemistry
Course type, scope an Course type: Semina Recommended cour Per week: 2 Per stud Course method: pre	ar rse-load (hours): dy period: 28
Number of ECTS cre	edits: 5
Recommended semes	ster/trimester of the course:
Course level: III.	
Prerequisities:	
Conditions for course seminars, practica details: https://www education/subjects/do	al exercises, solving of assigned tasks, exam; more w.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/
study of nucleic acid aware of the latest tre increasingly contribut at the molecular leve and prognostic purpo	the theoretical and practical foundations of laboratory methods used in the ds (NA) and knows the current possibilities of gene therapy. Students are ends in the study of RNA molecules, including non-coding RNAs, which are ting to the improvement of laboratory diagnostics of pathological conditions el. The graduate is oriented in the possibilities of using NA for diagnostic oses, as molecular methods are becoming an essential part in the study of s and in clinical-biochemical diagnostics.
Isolation of NK from hybridization). Basics medical laboratory dia	ourse: nscription. Proteosynthesis. Regulation of gene expression. Non-coding RNA. biological material. Molecular-biochemical methods (eg PCR, sequencing, s of genetic material analysis. Use of special analyzes. The latest trends in agnostics. More details: https://www.upjs.sk/lekarska-fakulta/en/department/ biochemistry/education/subjects/doctoral-study/
and Molecular Biolog in Medicine, Elsevier,	: Medical Biochemistry, Academic Press, 2017 Waye M.M.Y.: Biochemistry gy, Nova Science Publishers Inc., 2015 Nussbaum R.L. et al.: Genetics , 2015 Strachan T. et al.: Genetics and Genomics in Medicine, GS, 2014 lar Genetics and Personalized Medicine, Humana Press Inc., 2014 Current
Course language:	
english, slovak	

Course assessment	
Total number of assessed students: 13	
Ne	Pr
0.0	100.0
Provides: prof. Ing. Mária Mareková, CSc., doc. profesorka	RNDr. Miroslava Rabajdová, PhD., univerzitná
Date of last modification: 17.02.2023	
Approved: prof. MUDr. Ladislav Mirossay, DrS	с.

	NATION LETTER	
University: P. J. Šafárik University in Košice		
Faculty: Faculty of Medicine		
Course ID: Dek. LFCourse name: Co-solver of a national project (VEGA, KEGA, APVV)UPJŠ/G-DP/22		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present		
Number of ECTS credits: 10		
Recommended semester/trimester of the cours	se:	
Course level: III.		
Prerequisities:		
relevantly documented (e.g. publication, program Learning outcomes: The doctoral student, as a co-investigator, partic	doctoral annual report and these activities are	
Brief outline of the course:		
Recommended literature:		
Course language: english, slovak		
Notes:		
Course assessment Total number of assessed students: 107		
abs	neabs	
100.0	0.0	
Provides:		
Date of last modification: 23.03.2022		
Approved: prof. MUDr. Ladislav Mirossay, DrS	с.	

	COURSEIN	ORMATION LETTER
University: P. J. Šafán	rik University in Košic	e
Faculty: Faculty of M	ledicine	
Course ID: Dek. LF UPJŠ/G-MP/22	Course name: Co-sol	ver of an international project
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cro	edits: 15	
Recommended seme	ster/trimester of the c	zourse:
Course level: III.		
Prerequisities:		
relevantly documente Learning outcomes: The doctoral student,	as a co-investigator, proposible for partial ta	by the doctoral annual report and these activities are been been been been been been been be
Brief outline of the c	ourse:	
Recommended litera	ture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asses	ssed students: 15	
abs neabs		
	100.0 0.0	
Provides:		
Date of last modifica	tion: 23.03.2022	
Approved: prof. MU	Dr. Ladislav Mirossay,	DrSc.

Faculty: Faculty of N	Medicine	
Course ID: Dek. LF UPJŠ/G-UPJS- SR/22 Course name: Co-solver of internal grant (VVGS)		
Course type, scope a Course type: Recommended cou Per week: Per stuc Course method: pro	rse-load (hours): ły period:	
Number of ECTS cr	edits: 3	
Recommended seme	ester/trimester of the cours	e:
Course level: III.		
Prerequisities:		
relevantly document	t states the activity in the ed (e.g. publication, program	doctoral annual report and these activities are n).
	, as a co-investigator, partic sponsible for partial tasks in	ipates in the solution of projects within the team n the solution of which he participates under the
The doctoral student cooperation, he is re	, as a co-investigator, partic sponsible for partial tasks in rvisor.	
The doctoral student cooperation, he is re guidance of his super	, as a co-investigator, partic sponsible for partial tasks in rvisor.	
The doctoral student cooperation, he is re guidance of his super Brief outline of the c	, as a co-investigator, partic sponsible for partial tasks in rvisor.	
The doctoral student cooperation, he is re guidance of his super Brief outline of the of Recommended liters Course language:	, as a co-investigator, partic sponsible for partial tasks in rvisor.	
The doctoral student cooperation, he is re guidance of his super Brief outline of the of Recommended liters Course language: english, slovak	, as a co-investigator, partic sponsible for partial tasks in rvisor. course: ature:	
The doctoral student cooperation, he is re guidance of his super Brief outline of the of Recommended liters Course language: english, slovak Notes: Course assessment	, as a co-investigator, partic sponsible for partial tasks in rvisor. course: ature:	
The doctoral student cooperation, he is re guidance of his super Brief outline of the of Recommended liters Course language: english, slovak Notes: Course assessment	essed students: 16	n the solution of which he participates under the
The doctoral student cooperation, he is re guidance of his super Brief outline of the of Recommended liters Course language: english, slovak Notes: Course assessment	essed students: 16	n the solution of which he participates under the
The doctoral student cooperation, he is re guidance of his super Brief outline of the of Recommended liters Course language: english, slovak Notes: Course assessment Total number of asse	e, as a co-investigator, partic esponsible for partial tasks in rvisor. course: ature: essed students: 16 abs 100.0	n the solution of which he participates under the

University: P I Šafár	ik University in Košice		
Faculty: Faculty of M	-		
	Course name: Consultat	ion of ŠVOČ	
Course type, scope an Course type: Recommended cour Per week: Per study Course method: pres	se-load (hours): y period:		
Number of ECTS cre	dits: 8		
Recommended semes	ster/trimester of the cou	rse:	
Course level: III.			
Prerequisities:			
relevantly documented The doctoral student relevantly documented Learning outcomes: It concerns profession student demonstrates	d (e.g. publication, progra states the activity in th d (e.g. publication, progra al and consulting work in	the management of students, by which the doctoral and skills	
Brief outline of the co)urse:		
Recommended litera	ture:		
Course language: english, slovak			
Notes:			
Course assessment Total number of asses	sed students: 11		
	abs neabs		
1	100.0	0.0	
Provides:			
Date of last modificat	tion: 23.03.2022		

University: P. J. Šafárik University in Košice
--

Faculty: Faculty of Medicine

Course ID: Dek. LF	Course name: Defence of Doctoral Thesis
UPJŠ/ODZ/05	

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

Per week: Per study period:

Course method: present

Number of ECTS credits: 20

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

All information about the doctoral study is specified on the faculty's website in the Doctoral Study section, including the conditions of completion, which are detailed in the State Examinations section. Students will find here all the necessary information, forms and documents, including information on the formal side of the dissertation, which are in accordance with Directive No. 1/2011 on the basic requirements of final theses and the PhD Study Regulations at UPJŠ in Košice. The submitted work must be in accordance with the Rector's Decision No. 5/2021, issuing the principles of good practice of scientific publication at UPJŠ in Košice and its parts, Rector's Decision No. 21/2021, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its parts, Rector's Decision No. 2/2022 which issues the principles of good research practice at UPJŠ in Košice and its parts.

Learning outcomes:

The dissertation has the character of a scientific work and the student demonstrates by this work extensive mastery of the theory and professional terminology from the field of study/study program, acquisition of knowledge, skills and competencies in accordance with the declared profile of the graduate, as well as the ability to apply them in an original way. The student demonstrates the ability of independent scientific work in terms of content, formal and ethical, ant the ability to present and critically analyses obtained results.

Brief outline of the course:

Recommended literature:

Course language:

english, slovak

Notes:

Course assessment

Total number of assessed students: 395

N	NNe	NU	NeO	0	Р
0.0	0.0	1.52	0.0	86.58	11.9

Provides:

Date of last modification: 23.03.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

-	rik University in Košice	
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF UPJŠ/DZS/05	Course name: Dissertation	on examination
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cr		
Recommended seme	ster/trimester of the cour	'se:
Course level: III.		
Prerequisities:		
prescribed composition		nination is the completion of the study part in the disition of at least 90 credits in the external form, if the external form.
prescribed composition the study in the four- The committee decide the members present. Learning outcomes:	on of subjects and the acquiver form and five-year in es on the result of the examines on the event of equality of	isition of at least 90 credits in the external form, if
prescribed composition the study in the four- The committee decide the members present. Learning outcomes: Brief outline of the c	on of subjects and the acquiver form and five-year in es on the result of the examinet of the event of equality of ourse:	isition of at least 90 credits in the external form, if the external form. mination in a non-public meeting by a majority of
prescribed composition the study in the four- The committee decide the members present. Learning outcomes:	on of subjects and the acquiver form and five-year in es on the result of the examinet of the event of equality of ourse:	isition of at least 90 credits in the external form, if the external form. mination in a non-public meeting by a majority of
prescribed composition the study in the four- The committee decident the members present. Learning outcomes: Brief outline of the control of	on of subjects and the acquiver form and five-year in es on the result of the examination of equality of ourse:	isition of at least 90 credits in the external form, if the external form. mination in a non-public meeting by a majority of
prescribed composition the study in the four- The committee decide the members present. Learning outcomes: Brief outline of the c Recommended literat Course language: english, slovak Notes: Course assessment	on of subjects and the acquiver form and five-year in es on the result of the examination of equality of ourse:	isition of at least 90 credits in the external form, if the external form. mination in a non-public meeting by a majority of
prescribed composition the study in the four- The committee decide the members present. Learning outcomes: Brief outline of the c Recommended literat Course language: english, slovak Notes: Course assessment	on of subjects and the acquiver form and five-year in es on the result of the examines on the event of equality of ourse:	isition of at least 90 credits in the external form, if the external form. mination in a non-public meeting by a majority of Evotes, the vote of the President shall prevail.
prescribed composition the study in the four- The committee decide the members present. Learning outcomes: Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	on of subjects and the acquiver form and five-year in es on the result of the examines on the event of equality of ourse:	P
prescribed composition the study in the four- The committee decide the members present. Learning outcomes: Brief outline of the c Recommended literat Course language: english, slovak Notes: Course assessment	on of subjects and the acquiver form and five-year in es on the result of the examines on the event of equality of ourse:	isition of at least 90 credits in the external form, if the external form. mination in a non-public meeting by a majority of Evotes, the vote of the President shall prevail.

ΓΟΡΜΑΤΙΟΝ Ι ΕΤΤΕΡ

	COURSE INFORMATION LETTER		
University: P. J. Šafa	árik University in Košice		
Faculty: Faculty of Medicine			
Course ID: CJP/ LFAJD/05	Course name: English Language for PhD Students of Faculty of Medicine		
Course type, scope a Course type: Practa Recommended cou Per week: 2 Per sta Course method: pr	ice irse-load (hours): udy period: 28		
Number of ECTS cr	redits: 10		
Recommended seme	ester/trimester of the course:		
Course level: III.			
Prerequisities:			
	se completion: urse English for PhD Students (lms.upjs.sk), consultations (1-3), written ssional/Academic CV, Short Academic Biography, test, oral exam		
of their linguistic co syntactic aspects; de	students' language skills - reading, writing, listening, speaking; improvement ompetence - students gain knowledge of selected phonological, lexical and velopment of pragmatic competence - students acquire skills for effective and ication, with focus on Academic English and English for specific/professional		
vocabulary developr Selected aspects of Features of academi skills. Selected funct	course: spoken and written academic and professional language, with a focus on nent (formal phrases, noun and verb collocations, prepositional phrases, etc.). grammar, including complex prepositions, verb tenses, and passive voice. c writing, such as text cohesion and coherence, hedging, and other essential tional grammar for academic contexts, focusing on expressing opinions, cause- ips, arguments, and examples. Communication skills in academic settings.		
Kolaříková, Z., Petru UPJŠ Košice, 2021. Tomaščíková, S., Ro Vydavateľstvo Šafár McCarthy, M., O'De Štepánek, L., J. De H 2011.	cademic Vocabulary Practice. OUP, 2017. uňová, H., Timková, R.: Angličtina v akademickom prostredí (cvičebnica). ozenfeld, J. Developing Academic English in Speaking and Writing. ikPress, 2021. ell, F.: Academic Vocabulary in Use. CUP, 2008. Haff a kol.: Academic English-Akademická angličtina. Grada Publishing, a.s., ge English for Scientists. CUP, 2011.		

Course language: English language, level B2, C1 according to CEFR

Notes:	
Course assessment Total number of assessed students: 448	
Ne	Pr
0.0	100.0
Provides: Mgr. Zuzana Kolaříková, PhD., Mgr. I	vana Kupková, PhD.
Date of last modification: 05.12.2024	
Approved: prof. MUDr. Ladislav Mirossay, DrSo	2.

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N	<i>I</i> edicine	
Course ID: Dek. LF UPJŠ/ISL/22	Course name: Individual	study of scientific literature
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pro	rse-load (hours): ly period:	
Number of ECTS cr	edits: 5	
Recommended seme	ster/trimester of the cours	se:
Course level: III.		
Prerequisities:		
The evaluation is ca seminars at the depart	tment/clinic.	based on knowledge of the Ph.D. presented on
The evaluation is ca seminars at the depar The doctoral studen relevantly documente Learning outcomes:	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program	e doctoral annual report and these activities are
The evaluation is ca seminars at the depar The doctoral studen relevantly documente Learning outcomes: Brief outline of the c	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program course:	e doctoral annual report and these activities are
The evaluation is ca seminars at the depar The doctoral studen relevantly documente Learning outcomes:	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program course:	e doctoral annual report and these activities are
The evaluation is ca seminars at the depar The doctoral studen relevantly documente Learning outcomes: Brief outline of the of Recommended litera Course language:	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program course:	e doctoral annual report and these activities are
The evaluation is ca seminars at the depar The doctoral studen relevantly documents Learning outcomes: Brief outline of the of Recommended litera Course language: english, slovak	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program course: ature:	e doctoral annual report and these activities are
The evaluation is ca seminars at the depart The doctoral studen relevantly documente Learning outcomes: Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program course: ature:	e doctoral annual report and these activities are
The evaluation is ca seminars at the depart The doctoral studen relevantly documente Learning outcomes: Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program course: ature: ssed students: 198	e doctoral annual report and these activities are n).
The evaluation is ca seminars at the depart The doctoral studen relevantly documente Learning outcomes: Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program course: ature: ssed students: 198 abs	e doctoral annual report and these activities are n).
The evaluation is ca seminars at the depart The doctoral studen relevantly documente Learning outcomes: Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asse	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program course: ature: ssed students: 198 abs 100.0	e doctoral annual report and these activities are n).

	COURSE IN	FORMATION LETTER
University: P. J. Šafá	rik University in Koši	ice
Faculty: Faculty of N	<i>l</i> edicine	
Course ID: Dek. LF UPJŠ/AZSPn/22	Course name: Intern	nship abroad - more than 30 days
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the	course:
Course level: III.		
Prerequisities:		
relevantly documenter Learning outcomes: Ph.D. student has to	ed (e.g. publication, pr present specific result	in the doctoral annual report and these activities are rogram). Its which bring benefits for preparation of dissertation quired methodological, professional knowledge.
Brief outline of the c	ourse:	
Recommended litera	iture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asses	ssed students: 8	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	ntion: 23.03.2022	

	COURSE IN	
University: P. J. Šafá	rik University in Kos	šice
Faculty: Faculty of N	Iedicine	
Course ID: Dek. LF UPJŠ/AZSPd/22	Course name: Inter	rnship abroad - of less than 30 days
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	r se-load (hours): y period: esent	
Number of ECTS cro	edits: 5	
Recommended seme	ster/trimester of the	e course:
Course level: III.		
Prerequisities:		
relevantly documente Learning outcomes: Ph.D. student has to	ed (e.g. publication, p present specific resu	in the doctoral annual report and these activities are program). ults which bring benefits for preparation of dissertation cquired methodological, professional knowledge.
Brief outline of the c	ourse:	
Recommended litera	ture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asses	ssed students: 32	
	abs	neabs
	100.0	0.0
Provides:		· · ·
Date of last modifica	tion: 23.03.2022	

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of N	Iedicine		
Course ID: Dek. LF UPJŠ/P/22	Course name: Lecture on :	research seminar at the department or clinic	
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pre	rse-load (hours): ly period:		
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
relevantly documenter Learning outcomes: The doctoral student	ed (e.g. publication, program presents the knowledge ga	doctoral annual report and these activities are n). ined through individual studies of scientific and ly evaluate, analyse and subsequently use in his/	
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language: english, slovak			
Notes:			
Course assessment Total number of asse	ssed students: 87		
	abs neabs		
	100.0	0.0	
Provides:			
Date of last modifica	ition: 23.03.2022		
Approved: prof. MU	Dr. Ladislav Mirossay, DrSc	2.	
	/		

Faculty: Faculty of M	1edicine	
Course ID: ULBL/ MB/22	Course name: Molecular I	Biology
Course type, scope a Course type: Semin Recommended cour Per week: 2 Per stu Course method: pre	ar rse-load (hours): dy period: 28	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
Conditions for cours oral examination (10	-	
to human genome, and pharmacokinetic foundations of basic in human and molec	mutations and gene polyn es. To give students a thore genetics. Students have ac sular genetics and have obta ethods in pharmacogenetics	blogy and genetics, including information related norphism and their role in pharmacodynamics ough grounding in the theoretical and practical equired an understanding of the major concepts ainined basic information related to genetic and and clinical practice.
Basic concepts of m genomic data minin	olecular biology Structure g Mutations, gene polymor	of genes and gene expression Human genome, rphisms and their detection Genetics of cancer nd clinical practice Epigenetics
Recommended litera		
Hudáková, T.: Lekárs kol.: Lekárska biológ Masarykova univerzi	ruššeková, A., Mičková, H., ska biológia I., Equilibria, K sia II., Equilibria, Košice 200 ta, 2017 4. Perlík, F., Slanař	Klimčáková, L., Židzik, J., Slabá, E., Cošice 2009 2. Mičková, H., Šalagovič, J. a 07 3. Snustad, D. P., Simmons, M. J.: Genetika, 4, O.: Individualizace farmakoterapie, Triton, y. Macmillan learnings, 2021
Hudáková, T.: Lekárs kol.: Lekárska biológ Masarykova univerzi	ruššeková, A., Mičková, H., ska biológia I., Equilibria, K sia II., Equilibria, Košice 200 ta, 2017 4. Perlík, F., Slanař	Lošice 2009 2. Mičková, H., Šalagovič, J. a 07 3. Snustad, D. P., Simmons, M. J.: Genetika, ⁶ , O.: Individualizace farmakoterapie, Triton,
Hudáková, T.: Lekárs kol.: Lekárska biológ Masarykova univerzi 2016 5. Lodish, H. a Course language:	ruššeková, A., Mičková, H., ska biológia I., Equilibria, K sia II., Equilibria, Košice 200 ta, 2017 4. Perlík, F., Slanař	Lošice 2009 2. Mičková, H., Šalagovič, J. a 07 3. Snustad, D. P., Simmons, M. J.: Genetika, ⁶ , O.: Individualizace farmakoterapie, Triton,
Hudáková, T.: Lekárs kol.: Lekárska biológ Masarykova univerzi 2016 5. Lodish, H. a Course language: Slovak, English	ruššeková, A., Mičková, H., ska biológia I., Equilibria, K sia II., Equilibria, Košice 200 ta, 2017 4. Perlík, F., Slanař kol.: Molecular Cell Biolog	Lošice 2009 2. Mičková, H., Šalagovič, J. a 07 3. Snustad, D. P., Simmons, M. J.: Genetika, ⁶ , O.: Individualizace farmakoterapie, Triton,
Hudáková, T.: Lekárs kol.: Lekárska biológ Masarykova univerzi 2016 5. Lodish, H. a Course language: Slovak, English Notes: Course assessment	ruššeková, A., Mičková, H., ska biológia I., Equilibria, K sia II., Equilibria, Košice 200 ta, 2017 4. Perlík, F., Slanař kol.: Molecular Cell Biolog	Lošice 2009 2. Mičková, H., Šalagovič, J. a 07 3. Snustad, D. P., Simmons, M. J.: Genetika, ⁶ , O.: Individualizace farmakoterapie, Triton,
Hudáková, T.: Lekárs kol.: Lekárska biológ Masarykova univerzi 2016 5. Lodish, H. a Course language: Slovak, English Notes: Course assessment	ruššeková, A., Mičková, H., ska biológia I., Equilibria, K sia II., Equilibria, Košice 200 ta, 2017 4. Perlík, F., Slanař kol.: Molecular Cell Biolog	Lošice 2009 2. Mičková, H., Šalagovič, J. a 07 3. Snustad, D. P., Simmons, M. J.: Genetika, 4, O.: Individualizace farmakoterapie, Triton, y. Macmillan learnings, 2021

Date of last modification: 24.04.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N	Iedicine	
Course ID: Dek. LF UPJŠ/G-UPJS- ZR/22	-	n internal grant UPJŠ (VVGS) or scientific ers by Faculty of Medicine - as a responsible
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	r se-load (hours): y period: esent	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
relevantly documenter Learning outcomes: As a responsible rese problems in the medi of a written proposa	t states the activity in the ed (e.g. publication, program archer, the doctoral student cal fields and is able to desi l. Respects and implements	doctoral annual report and these activities are a). is able to specify scientific research activities and gn scientific projects, including the development s social and ethical aspects in the planning and
Brief outline of the c	ientific research activities.	
Recommended litera		
Course language: english, slovak		
Notes:		
Course assessment Total number of asse	ssed students: 7	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	
_	Dr. Ladislav Mirossay, DrSc	

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of M	ſedicine	
Course ID: UFR/ FARM/22	Course name: Pharmaco	blogy
Course type, scope a Course type: Semin Recommended cour Per week: 2 Per stu Course method: pre	ar r se-load (hours): dy period: 28	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the cou	rse:
Course level: III.		
Prerequisities:		
Conditions for cours Solving plannedtasks Final exam	-	
of the major classes of To master the scientif	of drugs currently used in fic methods of pharmacological sectors of the sector of the	oduction to the fundamental Pharmacology and uses medical practice. ogy, to be able to apply in a creative way to solve a ciences as part of living nature.
Detailed knowledge	ut the major classes of dr	ugs currently used in medical practice. drugs used in the treatment of cancer ute
2021 Whalen K et al.: Lipp Ritter JM et al.: Rang	ol. Základná farmakológia pincott Illustrated Reviews g & Dale's Pharmacology,	a a farmakoterapia. Druhé vydanie, Equilibria, s: Pharmacology 7th edition, 2019 2019 ny (mostly English) language
Course language: Slovak English		
Notes:		
Course assessment	ssed students: 6	
Interpretation Interpretation Ne Pr		
	Ne	Pr

Provides: prof. MUDr. Ladislav Mirossay, DrSc., doc. MVDr. Martina Bago Pilátová, PhD., prof. MVDr. Ján Mojžiš, DrSc., doc. PharmDr. Marek Šarišský, PhD., doc. MUDr. Martina Čižmáriková, PhD., doc. MUDr. Zuzana Solárová, PhD.

Date of last modification: 02.05.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University:	ΡJ	Šafárik	University	in Košice
omversiey.	1.0.	Suluin	Oniversity	

Faculty: Faculty of Medicine

Course ID: Dek. LF **Course name:** Preparation of the thesis for dissertation examination UPJŠ/PDS/16

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

Number of ECTS credits: 5

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

Conditions for course completion:

The dissertation examination is a state examination and is public. The PhD student

submits the application for the dissertation examination through AiS2 in the time up to 24 months from the beginning of the study, depending on the standard length of studies, the PhD student in external form at the latest within three years from the beginning of the studies, the PhD student is obliged to submit, together with the application for the dissertation examination, a written work prepared for the dissertation examination.

All information about the doctoral study is specified on the faculty's website in the Doctoral Study section, including the conditions of completion, which are detailed in the State Examinations section. Students will find here all the necessary information, forms and documents, including information on the formal side of the dissertation, which are in accordance with Directive No. 1/2011 on the basic requirements of final theses and the PhD Study Regulations at UPJŠ in Košice. The submitted work must be in accordance with the Rector's Decision No. 5/2021, issuing the principles of good practice of scientific publication at UPJŠ in Košice and its parts, Rector's Decision No. 21/2021, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its parts, Rector's Decision No. 2/2022 which issues the principles of good research practice at UPJŠ in Košice and its parts.

Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 121	
abs	neabs
100.0	0.0

Provides:

Date of last modification: 23.03.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P. J. Šafárik University in K	Košice
Faculty: Faculty of Medicine	
Course ID: Dek. LF Course name: Pr UPJŠ/LPC/22	revention and treatment activities (per semester)
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of t	the course:
Course level: III.	
Prerequisities:	
The doctoral student states the activity relevantly documented (e.g. publication Learning outcomes: Doctoral students involved in the treatment	es at the Faculty of Medicine (per semester). ty in the doctoral annual report and these activities are n, program). ment and prevention of patients in a hospital or outpatient e from their own field of study / study program into work
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 237	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	

University: P. J. Šafán	ik University in Košice	
Faculty: Faculty of M	ledicine	
Course ID: UPZMV/MVaS/22	Course name: Research Methodology and Statistics	
Course type, scope an Course type: Lectur Recommended cour Per week: 1 / 2 Per s Course method: pre	e / Seminar rse-load (hours): study period: 14 / 28	
Number of ECTS cre	edits: 10	
Recommended semes	ster/trimester of the course:	
Course level: III.		
Prerequisities:		
Conditions for cours 1. Online test after ea 2. Problem learning a	1	
improving their practi Brief outline of the co		
 Guide to the course Research process Measurement of im Study design Validity of the stud 	pact	
6. Questionnaire meth	nods res / problem learning PU2: working with statistical software	
9. Introduction to wor10. Univariate statistic11. Univariate statistic	k with statistical software cal methods I cal methods II	
 Third block of lectures / problem learning PU3: statistical data analysis 12. Linear regression 13. Logistic regression 14. Mutual influences of variables, interaction 		
	rolled trials - implementation rolled trials - analyzes ecificity	
Recommended litera	ture:	

Recommended literature:

Achengrau A., Seage G.R.: Essentials of epidemiology in public health. Jones and Bartlet Publishers. 2008

Thompson, B. (2006). Foundations of behavioral statistics. New York, NY: Guilford Press. Kerlinger F.N.: Základy výzkumu chováni Academia 1972

Claus, Ebner: Základy štatistiky pre psychológov, pedagógov a sociológov. Bratislava : SPN, 1988.

Course language:
slovak, englishNotes:
combined form of educationCourse assessment
Total number of assessed students: 183Course assessment
13.11NePr13.1186.89Provides: doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Peter Kolarčik, PhD., prof. Mgr. Andrea
Madarasová Gecková, PhD., MUDr. Jaroslav Roserberger, PhD., doc. RNDr. Daniel Klein, PhD.,
Mgr. Aurel Zelko, PhD.

Date of last modification: 13.05.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P. J. Sala	rik University in Košice		
Faculty: Faculty of M	ſedicine		
Course ID: Dek. LF UPJŠ/O-S-ZC/22	1		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:		
Number of ECTS cr	edits: 5		
Recommended seme	ster/trimester of the cour	se:	
Course level: III.			
Prerequisities:			
national scientific jou The doctoral student relevantly documente Learning outcomes: Gaining feedback in t	rnal. t states the activity in the ed (e.g. publication, program	loctoral student is as a co-author - registered in a e doctoral annual report and these activities are n). tes a broad and well-founded scientific knowledge	
Brief outline of the c	ourse:		
Recommended litera	ture:		
Course language:			
english, slovak			
0 0			
english, slovak	ssed students: 3		
english, slovak Notes: Course assessment	ssed students: 3 abs	neabs	
english, slovak Notes: Course assessment Total number of asses		neabs 0.0	
english, slovak Notes: Course assessment Total number of asses	abs		
english, slovak Notes: Course assessment Total number of asses	abs 100.0		

	rik University in Košice		
Faculty: Faculty of N	Iedicine		
Course ID: Dek. LF UPJŠ/O-S-DC/22	1		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:		
Number of ECTS cr	edits: 3		
Recommended seme	ster/trimester of the co	urse:	
Course level: III.			
Prerequisities:			
national scientific jou The doctoral student relevantly documente Learning outcomes: Gaining feedback in	urnal. t states the activity in t ed (e.g. publication, prog n domestic journals de	e doctoral student is as a co-author - registered in a the doctoral annual report and these activities are gram).	
knowledge at the hat	tonal level in the field of	-	
knowledge at the nati Brief outline of the c		-	
	ourse:	-	
Brief outline of the c	ourse:	-	
Brief outline of the c Recommended litera Course language:	ourse:	-	
Brief outline of the c Recommended litera Course language: english, slovak	ourse: hture:	-	
Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	ourse: hture:	-	
Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	ssed students: 0	research.	
Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	ourse: hture: ssed students: 0 abs	research.	
Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	ssed students: 0 abs 0.0	research.	

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of M	Medicine		
Course ID: Dek. LF UPJŠ/O-S-SCI/ Scopus/22	I/ Course name: Responses to the scientific work in which the doctoral student is as a co-author - registered in databases SCI or Scopus		
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pro	rse-load (hours): ły period:		
Number of ECTS cr	edits: 10		
Recommended seme	ester/trimester of the course	e:	
Course level: III.			
Prerequisities:			
relevantly documenter Learning outcomes: Gaining SCI/Scopus field. At the same time	t states the activity in the ed (e.g. publication, program feedback demonstrates broa ne, citation in an indexed sour	doctoral annual report and these activities are a). ad and well-founded scientific knowledge in the rce demonstrates the competence to communicate oints to the international importance of the cited	
Brief outline of the o	course:		
Recommended litera	ature:		
Course language: english, slovak			
Notes:			
Course assessment Total number of asse	essed students: 26		
		neabs	
	abs		
	abs 100.0	0.0	
Provides:			
	100.0		

University: P. J. Šafái	ik University in Košice	
Faculty: Faculty of M	ledicine	
	1	
Course type, scope an Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cre	edits: 10	
Recommended semes	ster/trimester of the cour	se:
Course level: III.		
Prerequisities:		
a foreign scientific jor The doctoral student relevantly documente Learning outcomes: Gaining feedback in f	urnal. states the activity in the d (e.g. publication, progra	tes a broad and well-founded scientific knowledge
Brief outline of the co	ourse:	
Recommended litera	ture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asses	sed students: 6	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	

University: P. J. Šafár	rik University in Košice	
Faculty: Faculty of M	ledicine	
Course ID: Dek. LFCourse name: Responses to the scientific work in which the doctoral student is as the 1st author - registered in a national scientific journal		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cro	edits: 5	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
a national scientific jo The doctoral student relevantly documente Learning outcomes: Gaining feedback in	burnal. states the activity in the d (e.g. publication, program	onstrates well-founded and accepted scientific
Brief outline of the c		
Recommended litera	ture:	
Course language: english, slovak		
Notes:		
Notes: Course assessment Total number of asses	ssed students: 4	
Course assessment	abs	neabs
Course assessment Total number of asses		neabs 0.0
Course assessment Total number of asses	abs	
Course assessment Total number of asses	abs 100.0	

University: P. J. Šafá	rik University in Košic	e	
Faculty: Faculty of M	Aedicine		
Course ID: Dek. LF UPJŠ/O-1SCI/ Scopus/22	1		
Course type, scope a Course type: Recommended cou Per week: Per stuc Course method: pro	rse-load (hours): ly period:		
Number of ECTS cr	edits: 20		
Recommended seme	ester/trimester of the c	course:	
Course level: III.			
Prerequisities:			
relevantly document Learning outcomes: Gaining SCI/Scopus field. At the same time	t states the activity in ed (e.g. publication, pro- feedback demonstrates ne, citation in an indexed	a the doctoral annual report and these activities are ogram). s broad and well-founded scientific knowledge in the d source demonstrates the competence to communicate and points to the international importance of the cited	
Brief outline of the of	ourse:		
Recommended litera	J		
Course language: english, slovak			
Notes:			
Course assessment Total number of asse	ssed students: 18		
	abs neabs		
	100.0	0.0	
Provides:			
Date of last modifica	ation: 23.03.2022		

	COURSE IN	
University: P. J. Šafá	rik University in Koši	ice
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF Course name: Review of bachelor thesis JPJŠ/OP-ZP/22 Image: Course name: Review of bachelor thesis		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cr	edits: 3	
Recommended seme	ster/trimester of the	course:
Course level: III.		
Prerequisities:		
relevantly documenter Learning outcomes: By elaborating the rep and experience from	t states the activity is ed (e.g. publication, pro- port, the doctoral stud scientific research ac nce that professional	in the doctoral annual report and these activities are rogram). lent demonstrates the ability to use scientific knowledge ctivities in the relevant field of study/study program. It problem and its proposal solutions to critically assess,
Brief outline of the c	ourse:	
Recommended litera	ture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asses	ssed students: 19	
abs neabs		neabs
100.0 0.0		0.0
Provides:		
Provides: Date of last modifica	tion: 24.03.2022	

University: P. J. Šaf	ărik University in Košice		
Faculty: Faculty of	Medicine		
Course ID: UPZMV/ VKMVP/22	//		
Course type, scope Course type: Lectu Recommended cou Per week: 1 / 1 Per Course method: p	ure / Seminar urse-load (hours): r study period: 14 / 14		
Number of ECTS c	redits: 5		
Recommended sem	ester/trimester of the course:		
Course level: III.			
Prerequisities:			
Conditions for cour It is awarded on the problem-based learn	e basis of taking into account recorded lectures and solving assigned tasks in		
Learning outcomes Get acquainted with work.	: the principles of scientific communication and develop the skills of scientific		
 Logistics of field of Legal aspects of m Ethical aspects of research projects. Literature search, m Structure of scient 	their preparation and management. lata collection. nedical research. research studies. Ethics Committee Financial and administrative management work with literary databases, literary review. ific work. Publishing process, communication with scientific journals. entific results (poster, lecture, press release).		
Submitted to Biome www.icmje.org 2. Jacinto T, et al. H information. Rev Po 3. Bahna SL, McLa Suppl 1):S15-21 4. Azevedo LF et al	rature: nmittee of Medical Journal Editors: Uniform Requirements for Manuscripts edical Journals: Writing and Editing for Biomedical Publication. April 2010, fow to write a scientific paper - Searching and Managing Biomedical ort Pneumol. 2011. doi:10.1016/j.rppneu.2011.05.005 rty JW. Data presentation. Ann Allergy Asthma Immunol. 2009 Oct;103(4 : How write a scientific paper - Writing the methods section. Revista mologia 08/2011; DOI: 10.1016/j.rppneu.2011.06.014		

Course language:

Slovak, English

Notes: hybrid form		
Course assessment Total number of assessed students: 35		
Ne	Pr	
0.0	100.0	
Provides: doc. Mgr. Zuzana Dankulincová, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD., Ing. Lucia Bosáková, PhD., univerzitný docent, PhDr. Ivana Mészáros Skoumalová, PhD., Mgr. Daniela Fil'akovská, PhD., Mgr. Daniela Husárová, PhD., Mgr. Peter Kolarčik, PhD., Mgr. Jaroslava Kopčáková, PhD.		
Date of last modification: 16.05.2022		
Approved: prof. MUDr. Ladislav Mirossay, DrSo	2.	

University: P. J. Šafá	rik University in Koš	ice
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF JPJŠ/VP-MONO- V/22Course name: Scientific work as a monograph, published in another publisher		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cr	edits: 20	
Recommended seme	ster/trimester of the	course:
Course level: III.		
Prerequisities:		
The doctoral student relevantly documenter Learning outcomes:	t states the activity and (e.g. publication, p	
By publishing a mo identify, evaluate, con demonstrates the com	rectly apply scientific petence to use existin	ral student demonstrates a high degree of ability to c knowledge and research methods. The doctoral student ng theories and concepts in an innovative way, as well as edge, which he publishes in the monograph (usually in a
		set quality and ethical standards.
Brief outline of the c	ourse:	
Recommended litera	ture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asses	ssed students: 9	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	

University: P. J. Šafárik University in Košice		
Faculty: Faculty of Medicine		
Course ID: Dek. LF Course name: Scientific work as a monograph, published in • publishers UPJŠ/VP-MONO/22 Elsevier, Springer, WileyBlackwell or Taylor & Francis		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present		
Number of ECTS credits: 40		
Recommended semester/trimester of the course	e:	
Course level: III.		
Prerequisities:		
Conditions for course completion: Scientific work as a monograph, published in publishers Elsevier, Springer, WileyBlackwell or Taylor & Francis. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).		
Learning outcomes: By publishing a monograph, the doctoral student demonstrates a high degree of ability to identify, evaluate, correctly apply scientific knowledge and research methods. The doctoral student demonstrates the competence to use existing theories and concepts in an innovative way, as well as to generate new original scientific knowledge, which he publishes in the monograph (usually in a foreign language) in accordance with the set quality and ethical standards.		
Brief outline of the course:		
Recommended literature:		
Course language: english, slovak		
Notes:		
Course assessment Total number of assessed students: 2		
abs neabs		
100.0	0.0	
Provides:		
Date of last modification: 23.03.2022		
Approved: prof. MUDr. Ladislav Mirossay, DrSc.		
reprovent prote trioble budiout trinobouj, bioe.		

University. 1. J. Sala	rik University in Košice	
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF Course name: Scientific work published in a foreign journal as a co-author UPJŠ/VP-ZC-S/22		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the cou	rse:
Course level: III.		
Prerequisities:		
The doctoral student	shed in a foreign journal a	ne doctoral annual report and these activities are
of ability to identify. Demonstrates compe ability to generate ne	, evaluate, and correctly tence in innovative ways w original scientific know	rnal, the doctoral student demonstrates a high degree apply scientific knowledge and research methods. to use existing theories and concepts, as well as the rledge, which he publishes in foreign peer-reviewed established quality and ethical standards.
Brief outline of the c	ourse:	
Recommended litera	New York Control of Co	
	iture:	
Course language: english, slovak	iture:	
Course language:	iture:	
Course language: english, slovak		
Course language: english, slovak Notes: Course assessment		neabs
Course language: english, slovak Notes: Course assessment Total number of asse	ssed students: 36	neabs 0.0
Course language: english, slovak Notes: Course assessment Total number of asse	ssed students: 36 abs	
Course language: english, slovak Notes: Course assessment Total number of asse	ssed students: 36 abs 100.0	

	rik University in Košice	
Faculty: Faculty of N	Iedicine	
Course ID: Dek. LFCourse name: Scientific work published in a foreign journal as the 1stUPJŠ/VP-ZC-1./22author		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 15	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral studen	shed in a foreign journal as	doctoral annual report and these activities are
of ability to identify	, evaluate, and correctly ap	al, the doctoral student demonstrates a high degree ply scientific knowledge and research methods.
ability to generate ne	w original scientific knowle	use existing theories and concepts, as well as the dge, which he publishes in foreign peer-reviewed tablished quality and ethical standards.
ability to generate ne	w original scientific knowle language) by adhering to est	dge, which he publishes in foreign peer-reviewed
ability to generate ne (usually in a foreign	w original scientific knowle language) by adhering to est ourse:	dge, which he publishes in foreign peer-reviewed
ability to generate ne (usually in a foreign) Brief outline of the c	w original scientific knowle language) by adhering to est ourse:	dge, which he publishes in foreign peer-reviewed
ability to generate ne (usually in a foreign) Brief outline of the c Recommended litera Course language:	w original scientific knowle language) by adhering to est ourse:	dge, which he publishes in foreign peer-reviewed
ability to generate ne (usually in a foreign) Brief outline of the c Recommended litera Course language: english, slovak	w original scientific knowle language) by adhering to est ourse: nture:	dge, which he publishes in foreign peer-reviewed
ability to generate ne (usually in a foreign) Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	w original scientific knowle language) by adhering to est ourse: nture:	dge, which he publishes in foreign peer-reviewed
ability to generate ne (usually in a foreign) Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asse	w original scientific knowle language) by adhering to est ourse: nture: ssed students: 10	dge, which he publishes in foreign peer-reviewed ablished quality and ethical standards.
ability to generate ne (usually in a foreign) Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asse	w original scientific knowle language) by adhering to est ourse: nture: ssed students: 10 abs	dge, which he publishes in foreign peer-reviewed ablished quality and ethical standards.
ability to generate ne (usually in a foreign) Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	w original scientific knowle language) by adhering to est ourse: nture: ssed students: 10 abs 100.0	dge, which he publishes in foreign peer-reviewed ablished quality and ethical standards.

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of M	ledicine	
Course ID: Dek. LFCourse name: Scientific work published in an unreviewed foreign or national proceeding as a co-author		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cro	edits: 3	
Recommended seme	ster/trimester of the cou	irse:
Course level: III.		
Prerequisities:		
author. The doctoral student	shed in an unreviewed fo	reign or national proceedingm PhD. student - a co- ne doctoral annual report and these activities are am).
doctoral student dem Demonstrates competinew knowledge, whi	constrates the ability to tence to use existing theorem	eer-reviewed foreign or domestic proceedings, the identify, evaluate and apply scientific knowledge. ories and concepts, as well as the ability to generate estic or foreign non-peer-reviewed proceedings by idards.
Brief outline of the c	ourse:	
Recommended litera	ture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asses	ssed students: 19	
	abs neabs	
	100.0	0.0
Provides:		
Date of last modifica	tion: 22 02 2022	
Date of last mounica	HOII: 23.03.2022	

University: P. J. Šafá	rik University in Košio	ce
Faculty: Faculty of N	Iedicine	
Course ID: Dek. LFCourse name: Scientific work published in an unreviewed foreign or national proceeding as the 1st author		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 6	
Recommended seme	ster/trimester of the	course:
Course level: III.		
Prerequisities:		
1st author. The doctoral studen	ished in an unreviewe	ed foreign or national proceedingm PhD. student - the n the doctoral annual report and these activities are ogram).
doctoral student den Demonstrates compe new knowledge, whi	nonstrates the ability tence to use existing t	a-peer-reviewed foreign or domestic proceedings, the to identify, evaluate and apply scientific knowledge. heories and concepts, as well as the ability to generate omestic or foreign non-peer-reviewed proceedings by standards.
Brief outline of the c	ourse:	
Recommended litera	iture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asse	ssed students: 13	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	ition: 23.03.2022	

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of N	ſedicine		
Course ID: Dek. LF UPJŠ/VP-DC-S/22			
Course type, scope a Course type: Recommended cour Per week: Per stud	rse-load (hours):		
Course method: pre	esent		
Number of ECTS cr	edits: 5		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
national proceeding a The doctoral student relevantly documente	s a co-author.	zine, respective in in a peer-reviewed foreign or doctoral annual report and these activities are n).	
proceedings, the doct scientific knowledge concepts, as well as t peer-reviewed journa	oral student demonstrates th and research methods. Dem the ability to generate scien	burnal or in a peer-reviewed foreign or domestic the ability to identify, evaluate, and correctly apply onstrates competence to use existing theories and tific knowledge, which he publishes in domestic peer-reviewed proceedings (usually in a foreign ethical standards.	
Brief outline of the c	ourse:		
Recommended litera	ture:		
Course language: english, slovak			
Notes:			
Course assessment Total number of asses	ssed students: 86		
	abs neabs		
	100.0	0.0	
Provides:			
Date of last modifica	tion: 23.03.2022		
Approved: prof MU	Dr. Ladislav Mirossay, DrSo		

J niversity: P. J. Šafárik University ir	Košice
Faculty: Faculty of Medicine	
	Scientific work published in in a national magazine, a peer-reviewed foreign or national proceeding as the 1st
Course type, scope and the method Course type: Recommended course-load (hours Per week: Per study period:	
Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester o	the course:
Course level: III.	
Prerequisities:	
national proceeding as the 1st author. The doctoral student states the action relevantly documented (e.g. publication)	onal magazine, respective in in a peer-reviewed foreign or ity in the doctoral annual report and these activities are on, program).
proceedings, the doctoral student den scientific knowledge and research me concepts, as well as the ability to ge	domestic journal or in a peer-reviewed foreign or domestic onstrates the ability to identify, evaluate, and correctly apply hods. Demonstrates competence to use existing theories and erate scientific knowledge, which he publishes in domestic or foreign peer-reviewed proceedings (usually in a foreign puality and ethical standards.
Brief outline of the course:	
Recommended literature:	
C ourse language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 80	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.202	

University: P. J. Šafá	-:1- I I:	
	rik University in Kosice	
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF UPJŠ/VP-S-Q1/22		ic work published in the journal registered in the es - as a co-author in the journal which is included in
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 30	
Recommended seme	ster/trimester of the co	urse:
Course level: III.		
Prerequisities:		
The doctoral student relevantly documente		is included in category Q1 (according SJR or JCR). the doctoral annual report and these activities are gram).
doctoral student dem scientific knowledge existing theories and	nonstrates a high degree and use research method concepts in an innovativ	registered in reputable databases (WoS, Scopus), the e of ability to identify, evaluate, correct apply the ology. Ph.D. student demonstrates competence to use we way, as well as the ability to generate new original
	which he/she publishes ished quality and ethical	in renowned journals (usually in a foreign language) standards.
	ished quality and ethical	
by adhering to establi	ished quality and ethical ourse:	
by adhering to establi Brief outline of the c	ished quality and ethical ourse:	
by adhering to establi Brief outline of the c Recommended litera Course language:	ished quality and ethical ourse:	
by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak	ished quality and ethical ourse: nture:	
by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	ished quality and ethical ourse: nture:	
by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	ished quality and ethical ourse: nture: ssed students: 23	standards.
by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	ished quality and ethical ourse: nture: ssed students: 23 abs	standards.
by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	ished quality and ethical ourse: nture: ssed students: 23 abs 100.0	standards.

University: P. J. Šafá	·1	
J	rik University in Kosice	
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF UPJŠ/VP-S-Q2/22		work published in the journal registered in the - as a co-author in the journal which is included in
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 20	
Recommended seme	ster/trimester of the cou	se:
Course level: III.		
Prerequisities:		
The doctoral student relevantly documente	-	included in category Q2 (according SJR or JCR). e doctoral annual report and these activities are m).
Learning outcomes:		
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge,	nonstrates a high degree and use research methodol concepts in an innovative	istered in reputable databases (WoS, Scopus), the of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language) andards.
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge,	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge, by adhering to establish	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge, by adhering to establic Brief outline of the c	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge, by adhering to establic Brief outline of the c Recommended litera Course language:	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge, by adhering to establic Brief outline of the c Recommended literat Course language: english, slovak	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st rourse:	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge, by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st rourse:	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge, by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st ourse: nture:	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language) andards.
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge, by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st ourse: nture: ssed students: 20 abs	neabs
By publishing a scient doctoral student dem scientific knowledge existing theories and scientific knowledge, by adhering to establic Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st ourse: nture: ssed students: 20 abs 100.0	neabs

University: P. J. Šafá	rik University in Košice	
	The Oniversity in Rosiee	
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF UPJŠ/VP-S-Q3/22		work published in the journal registered in the - as a co-author in the journal which is included in
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 15	
Recommended seme	ster/trimester of the cou	rse:
Course level: III.		
Prerequisities:		
The doctoral student relevantly documente	-	s included in category Q3 (according SJR or JCR). e doctoral annual report and these activities are m).
Learning outcomes: By publishing a scien	ntific work in journals rec	
doctoral student den scientific knowledge existing theories and scientific knowledge,	nonstrates a high degree and use research methodol concepts in an innovative	gistered in reputable databases (WoS, Scopus), the of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original a renowned journals (usually in a foreign language) tandards.
doctoral student den scientific knowledge existing theories and scientific knowledge,	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
doctoral student den scientific knowledge existing theories and scientific knowledge, by adhering to establi	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st course:	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
doctoral student den scientific knowledge existing theories and scientific knowledge, by adhering to establic Brief outline of the c	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st course:	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
doctoral student den scientific knowledge existing theories and scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language:	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st course:	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
doctoral student den scientific knowledge existing theories and scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language: english, slovak	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st ourse: nture:	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
doctoral student den scientific knowledge existing theories and scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st ourse: nture:	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language)
doctoral student den scientific knowledge existing theories and scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st ourse: nture: ssed students: 28	of ability to identify, evaluate, correct apply the ogy. Ph.D. student demonstrates competence to use way, as well as the ability to generate new original renowned journals (usually in a foreign language) tandards.
doctoral student den scientific knowledge existing theories and scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	nonstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st ourse: nture: ssed students: 28 abs	neabs
doctoral student den scientific knowledge existing theories and scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	honstrates a high degree and use research methodol concepts in an innovative , which he/she publishes in ished quality and ethical st ourse: hture: ssed students: 28 abs 100.0	neabs

University: P. J. Šafán		
	rik University in Košice	
Faculty: Faculty of M	ledicine	
Course ID: Dek. LF UPJŠ/VP-S-Q4/22		c work published in the journal registered in the s - as a co-author in the journal which is included in
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cro	e dits: 10	
Recommended seme	ster/trimester of the cou	irse:
Course level: III.		
Prerequisities:		
The doctoral student	hor in the journal which i	is included in category Q4 (according SJR or JCR). he doctoral annual report and these activities are ram).
doctoral student dem scientific knowledge existing theories and scientific knowledge,	nonstrates a high degree and use research methodo concepts in an innovative	egistered in reputable databases (WoS, Scopus), the of ability to identify, evaluate, correct apply the blogy. Ph.D. student demonstrates competence to use e way, as well as the ability to generate new original in renowned journals (usually in a foreign language) standards.
	ourse:	
Brief outline of the c		
Brief outline of the c Recommended litera	ture:	
	ture:	
Recommended litera Course language:	ture:	
Recommended litera Course language: english, slovak		
Recommended litera Course language: english, slovak Notes: Course assessment		neabs
Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	ssed students: 16	neabs 0.0
Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	ssed students: 16 abs	
Recommended litera Course language: english, slovak Notes: Course assessment Total number of asses	ssed students: 16 abs 100.0	

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N		
Course ID: Dek. LF UPJŠ/VP-1Q1/22		ork published in the journal registered in the as the 1st author in the journal which is included
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cr	edits: 40	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral studen relevantly documente	thor in the journal which is i	included in category Q1 (according SJR or JCR). doctoral annual report and these activities are h).
doctoral student den scientific knowledge existing theories and scientific knowledge	nonstrates a high degree of and use research methodolo concepts in an innovative w	stered in reputable databases (WoS, Scopus), the f ability to identify, evaluate, correct apply the gy. Ph.D. student demonstrates competence to use ray, as well as the ability to generate new original enowned journals (usually in a foreign language) ndards.
Brief outline of the c	ourse:	
Recommended litera	iture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asse	ssed students: 21	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N		
Course ID: Dek. LF UPJŠ/VP-1Q2/22		ork published in the journal registered in the as the 1st author in the journal which is included
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 30	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral student	thor in the journal which is i	included in category Q2 (according SJR or JCR). doctoral annual report and these activities are n).
doctoral student den scientific knowledge existing theories and scientific knowledge	nonstrates a high degree of and use research methodolo concepts in an innovative w	stered in reputable databases (WoS, Scopus), the f ability to identify, evaluate, correct apply the gy. Ph.D. student demonstrates competence to use vay, as well as the ability to generate new original renowned journals (usually in a foreign language) ndards.
Brief outline of the c	ourse:	
Recommended litera	iture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asse	ssed students: 7	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N		
Course ID: Dek. LF UPJŠ/VP-1Q3/22		work published in the journal registered in the as the 1st author in the journal which is included
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 25	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral student	thor in the journal which is	included in category Q3 (according SJR or JCR). doctoral annual report and these activities are n).
doctoral student den scientific knowledge existing theories and scientific knowledge	nonstrates a high degree o and use research methodolo concepts in an innovative w	stered in reputable databases (WoS, Scopus), the f ability to identify, evaluate, correct apply the gy. Ph.D. student demonstrates competence to use vay, as well as the ability to generate new original renowned journals (usually in a foreign language) ndards.
Brief outline of the c	ourse:	
Recommended litera	iture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asse	ssed students: 5	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N		
Course ID: Dek. LF UPJŠ/VP-1Q4/22		ork published in the journal registered in the as the 1st author in the journal which is included
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral studen relevantly documente	-	included in category Q4 (according SJR or JCR). doctoral annual report and these activities are n).
doctoral student den scientific knowledge existing theories and scientific knowledge	nonstrates a high degree of and use research methodolo concepts in an innovative w	stered in reputable databases (WoS, Scopus), the f ability to identify, evaluate, correct apply the gy. Ph.D. student demonstrates competence to use vay, as well as the ability to generate new original renowned journals (usually in a foreign language) ndards.
Brief outline of the c	ourse:	
Recommended litera	iture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asse	ssed students: 3	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of Medicine		
Course ID: Dek. LF UPJŠ/JSD/14	Course name: Spring Scho	ool for PhD Students
Course type, scope a Course type: Lectur Recommended cour Per week: Per stud Course method: pre	e rse-load (hours): y period: 4d	
Number of ECTS cro	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	ture:	
Course language: english, slovak		
Notes:		
Course assessment Total number of asses	ssed students: 63	
abs neabs		
	100.0 0.0	
Provides:		
Date of last modifica	tion: 23.03.2022	
Approved: prof. MU	Dr. Ladislav Mirossay, DrSo	2.

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N	Iedicine	
Course ID: ULI/ SMVP/22	Course name: Statistical n	nethods in scientific work
Course type, scope a Course type: Semin Recommended cou Per week: 2 Per stu Course method: pre	ar rse-load (hours): dy period: 28	
Number of ECTS cr	edits: 5	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
Conditions for cours interview, exam	e completion:	
-	rview of statistical methods . A specific application in us	in biology and acquire the ability to choose the se in one's own work.
		cal studies - statistics • Statistical verification of nical files
ŠafárikPress, 2021, I 2. Riečan B., Lamoš	ly (bio)štatistiky pre mediko SBN 978-80-574-0066-0. F., Lenárt C.: Pravdepodobn tická štatistika, SNTL, Alfa,	
Course language: Slovak, English		
Notes:		
Course assessment Total number of asse	ssed students: 13	
	Ne	Pr
	0.0	100.0
Provides: doc. Ing. Ja	aroslav Majerník, PhD.	
Date of last modifica	ition: 25.03.2023	
Approved: prof. MU	Dr. Ladislav Mirossay, DrSc).

	COURSE INFORMATION LETTER
University: P. J. Šafár	rik University in Košice
Faculty: Faculty of M	ledicine
Course ID: Dek. LF UPJŠ/ODP/16	Course name: Submission of dissertation thesis for defense
Course type, scope an Course type: Recommended cour Per week: Per study Course method: pre	rse-load (hours): y period:
Number of ECTS cre	edits: 10
Recommended semes	ster/trimester of the course:
Course level: III.	
Prerequisities:	
or the Dean's Office, 210 credits, if the stud- including the credits for before the scheduled of All information about section, including the section. Students will information on the for 1/2011 on the basic re The submitted work principles of good pri- Decision No. 21/2021	apply for the defense of the dissertation for the relevant paper of the Rectorate if the study program takes place at the faculty, if he has obtained at least dy in the daily form is four years old and an external five years old, without for the dissertation defense. The application is submitted no later than 3 months completion of his PhD. It the doctoral study is specified on the faculty's website in the Doctoral Study e conditions of completion, which are detailed in the State Examinations 1 find here all the necessary information, forms and documents, including prmal side of the dissertation, which are in accordance with Directive No. equirements of final theses and the PhD Study Regulations at UPJŠ in Košice. must be in accordance with the Rector's Decision No. 5/2021, issuing the ractice of scientific publication at UPJŠ in Košice and its parts, Rector's 1, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its on No. 2/2022 which issues the principles of good research practice at UPJŠ
Learning outcomes:	
Brief outline of the co	
Recommended litera	ture:

Course language: english, slovak

Notes:

Course assessment	
Total number of assessed students: 93	
abs	neabs
100.0	0.0
Provides:	

Date of last modification: 23.03.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P J Sala	mile I Inizzanzitez in Wažiaa	
-	rik University in Košice	
Faculty: Faculty of M		
Course ID: Dek. LF UPJŠ/V/K-ZP/22	Course name: Supervi	ision of bachelor thesis
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pro	rse-load (hours): ly period:	
Number of ECTS cr	edits: 8	
Recommended seme	ester/trimester of the co	ourse:
Course level: III.		
Prerequisities:		
relevantly documented		the doctoral annual report and these activities are gram).
knowledge and meth study/study program.	nods (e.g. laboratory, sta . Can critically assess a polutions. At the same tim	oral student demonstrates the ability to use scientific atistic) acquired by studying in the relevant field of professional problem and proposed solutions, evaluate ne, it demonstrates the ability to transfer the acquired
Brief outline of the o	course:	
Recommended liter		
Recommended ittera	ature:	
Course language: english, slovak	ature:	
Course language:	ature:	
Course language: english, slovak		
Course language: english, slovak Notes: Course assessment		neabs
Course language: english, slovak Notes: Course assessment	ssed students: 34	neabs 0.0
Course language: english, slovak Notes: Course assessment	essed students: 34 abs	
Course language: english, slovak Notes: Course assessment Total number of asse	abs 100.0	

University: P. J. Šafárik University ir	n Košice
Faculty: Faculty of Medicine	
Course ID: Dek. LF Course name: UPJŠ/PC/22	The direct pedagogical activity
Course type, scope and the method Course type: Recommended course-load (hours Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of	of the course:
Course level: III.	
Prerequisities:	
up to four hours per week on average	ivity in the doctoral annual report and these activities are
integrate knowledge from their own and implement part of the educational partial results) in accordance with cur	e doctoral student demonstrates the ability to transfer and field of study/study program into education. Is able to design al process (e.g. practical exercises, including the evaluation of rrent trends in higher education. He is able to select and apply study group management in accordance with the requirements ligital competencies.
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 22	21
abs	neabs
100.0	0.0
Provides:	
	2
Date of last modification: 23.03.202	

	rik University in Košice	
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF UPJŠ/OVK/22	Course name: Work in the	conference organizing committee
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cr	edits: 3	
Recommended seme	ster/trimester of the course	e:
Course level: III.		
Prerequisities:		
relevantly documenter	ed (e.g. publication, program	,
of teamwork in the p manage the implement in words and writing	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang	nmittee of the conference demonstrates the ability professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types eans recommend and propose solutions and if
of teamwork in the p manage the implement in words and writing	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang on use various technical me	professional event. It declares the competence to of time and content, to communicate effectively
of teamwork in the p manage the implement in words and writing of people. He/she ca	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang in use various technical me pendent decisions.	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types
of teamwork in the p manage the implement in words and writing of people. He/she ca necessary, make inde	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang in use various technical me pendent decisions.	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types
of teamwork in the p manage the implement in words and writing of people. He/she ca necessary, make inder Brief outline of the c	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang in use various technical me pendent decisions.	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types
of teamwork in the provide the implement in words and writing of people. He/she can necessary, make inde Brief outline of the c Recommended literat Course language:	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang in use various technical me pendent decisions.	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types
of teamwork in the provide the implementation of the implementation of the provide the implementation of the caracteristic outline o	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang on use various technical me pendent decisions. ourse:	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types
of teamwork in the p manage the implement in words and writing of people. He/she ca necessary, make inder Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang on use various technical me pendent decisions. ourse:	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types
of teamwork in the provide the implement in words and writing of people. He/she can necessary, make inde Brief outline of the c Recommended literat Course language: english, slovak Notes: Course assessment Total number of assest	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang in use various technical me pendent decisions. ourse: nture:	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types eans, recommend and propose solutions and, if
of teamwork in the provide the implement in words and writing of people. He/she can necessary, make inde Brief outline of the c Recommended literat Course language: english, slovak Notes: Course assessment Total number of assest	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang in use various technical me pendent decisions. ourse: nture: ssed students: 22 abs	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types eans, recommend and propose solutions and, if
of teamwork in the provide the implement in words and writing of people. He/she can necessary, make inde Brief outline of the c Recommended literat Course language: english, slovak Notes: Course assessment Total number of assest	reparation of a scientific or p ntation of the event in terms as needed in a foreign lang in use various technical me pendent decisions. ourse: nture: ssed students: 22 abs 100.0	professional event. It declares the competence to of time and content, to communicate effectively guage at a professional level with different types eans, recommend and propose solutions and, if