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41. Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-	
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50. The direct pedagogical activity	
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University: P. J. Šafá	irik University in Košice	
Faculty: Faculty of M	Medicine	
Course ID: Dek. LF UPJŠ/APV-DKCourse name: Active presentation of results at a national conference with international participationrZ/22rz/22		
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pro	rse-load (hours): ły period:	
Number of ECTS cr	redits: 5	
Recommended seme	ester/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral studen relevantly document	t states the activity in the ed (e.g. publication, program	rence with international participation. doctoral annual report and these activities are n).
of knowledge and al methods. Demonstra	ting in a scientific conference bility to identify, evaluate, context tes competence to use existing an critically analyse and com	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
Brief outline of the o	course:	
Recommended litera	ature:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> Total number of asse	essed students: 101	
	abs	neabs
	100.0	0.0
Provides:		
Provides: Date of last modific:	ation: 23.03.2022	

University: P. J. Šafárik University in Košice		
Faculty: Faculty of Medicine		
Course ID: Dek. LFCourse name: Active presentation of results at an international conferenceUPJŠ/APV-MK/22abroad		
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 cou	ırse:	
Course level: III.		
Prerequisities:		
<b>Conditions for course completion:</b> Active presentation of results at an internation The doctoral student states the activity in t relevantly documented (e.g. publication, progr	he doctoral annual report and these activities are	
of knowledge and ability to identify, evaluate methods. Demonstrates competence to use exist	ence, the doctoral student demonstrates a high level e, correctly apply scientific knowledge and research sting knowledge and generate new original scientific ommunicate to a wider audience by adequate means	
Brief outline of the course:		
Recommended literature:		
Course language: english, slovak		
Notes:		
<b>Course assessment</b> Total number of assessed students: 64		
abs neabs		
100.0	0.0	
Provides:		
Date of last modification: 23.03.2022		
Approved: prof. MUDr. Ladislav Mirossay, D	rSc.	

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of N	/ledicine		
<b>Course ID:</b> Dek. LF <b>Course name:</b> Active presentation of results at the national conference UPJŠ/APV-DK/22			
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:			
The doctoral studen	of results at the national conf	doctoral annual report and these activities are	
of knowledge and ab methods. Demonstrat	bility to identify, evaluate, c tes competence to use existir	ce, the doctoral student demonstrates a high level orrectly apply scientific knowledge and research ing knowledge and generate new original scientific imunicate to a wider audience by adequate means	
Brief outline of the c	course:		
Recommended litera	ature:		
<b>Course language:</b> english, slovak			
Notes:			
Course assessment	ssed students: 76		
Total number of asse		abs neabs	
Total number of asse	abs	neabs	
Total number of asse	abs 100.0	neabs 0.0	
Total number of asse Provides:			
	100.0		

	ărik University in Košice		
Faculty: Faculty of	Medicine		
Course ID: ULCHBKB/ AMB/22	BKB/		
Course type, scope Course type: Semi Recommended con Per week: 2 Per st Course method: p	nar urse-load (hours): udy period: 28		
Number of ECTS c	redits: 5		
Recommended sem	ester/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for courseminars, practic details: https://ww education/subjects/c	cal exercises, solving ww.upjs.sk/lekarska-fakulta/e	of assigned tasks, exam; more n/department/medical-and-clinical-biochemistry/	
clinical-biochemica material (eg body	r the analytical methods use l diagnostics both theoretical	d in laboratories with a focus on application in lly and practically. They can analyze biological analytical techniques (eg spectrophotometry, noresis).	
Brief outline of the Laboratory techniq Physico-chemical methods. More deta	<b>course:</b> ues. Optical methods. Insumethods of separation and	llation techniques. Electrophoretic techniques. d detection of substances. Immunoanalytical rska-fakulta/en/department/medical-and-clinical-	
Molecular Biology,		al Methods and Concepts in Biochemistry and lia Ch.:Analytical Chemistry, NOVA, 2017	
Lottspeich F., Engel Molecular Biology,	Willey, 2019 Locatelli M, Ce		
Lottspeich F., Engel Molecular Biology, Current scientific ar <b>Course language:</b>	Willey, 2019 Locatelli M, Ce		
Lottspeich F., Engel Molecular Biology, Current scientific ar <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b>	Willey, 2019 Locatelli M, Ce ad professional publications		
Lottspeich F., Engel Molecular Biology, Current scientific ar <b>Course language:</b> english, slovak <b>Notes:</b>	Willey, 2019 Locatelli M, Ce ad professional publications		

**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
<b>Course ID:</b> 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 r <b>se-load (hours):</b> 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		
<b>Provides:</b> prof. Ing. Mária Mareková, CSc., doc. RNDr. Miroslava Rabajdová, PhD., univerzitná profesorka		
Date of last modification: 17.02.2023		
Approved: prof. MUDr. Ladislav Mirossay, DrSc.		

University: P. J. Šafărik University in Košice         Faculty: Faculty of Medicine         Course ID: Dek. LF       Course name: Co-solver of a national project (VEGA, KEGA, APVV)         UPJŠ/G-DP/22       Course type, scope and the method:         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 course:       Course level: III.         Prerequisities:       Conditions for course completion:
Course ID: Dek. LF       Course name: Co-solver of a national project (VEGA, KEGA, APVV)         UPJŠ/G-DP/22       Course name: Co-solver of a national project (VEGA, KEGA, APVV)         Course type, scope and the method:       Course type:         Recommended course-load (hours):       Per week: Per study period:         Course method: present       Course method: present         Number of ECTS credits: 10       Recommended semester/trimester of the course:         Course level: III.       Prerequisities:
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 course: Course level: III. Prerequisities:
Course type:       Recommended course-load (hours):         Per week: Per study period:       Course method: present         Number of ECTS credits: 10       Course level: 10         Recommended semester/trimester of the course:       Course level: 111.         Prerequisities:       Course level: 111.
Recommended semester/trimester of the course:         Course level: III.         Prerequisities:
Course level: III. Prerequisities:
Prerequisities:
Co-solver of a national project (VEGA, KEGA, APVV). The doctoral student states the activity in the doctoral annual report and these activities a relevantly documented (e.g. publication, program). <b>Learning outcomes:</b> The doctoral student, as a co-investigator, participates in the solution of projects within the tea cooperation, he is responsible for partial tasks in the solution of which he participates under t guidance of his supervisor.
Brief outline of the course:
Recommended literature:
Course language: english, slovak
Notes:
Course assessment Total number of assessed students: 101
abs neabs
100.0 0.0
Provides:
Date of last modification: 23.03.2022
Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P. J. Šafărik University in Košice         Faculty: Faculty of Medicine         Course ID: Dek. LF       Course name: Co-solver of an international project         UPJŠ/G-MP/22       Course type, scope and the method:         Course type, scope and the method:       Course type, scope and the method:         Course type:       Recommended course-load (hours):         Per week: Per study period:       Course type;         Course type: scope and the method:       Course type;         Recommended semester/trimester of the course:       Course type;         Course tevel: III.       Pereequisities:         Conditions for course completion:       Co-solver of an international project.         The doctoral student states the activity in the doctoral annual report and these activities relevantly documented (e.g. publication, program).         Learning outcomes:       The doctoral student, as a co-investigator, participates in the solution of projects within the te cooperation, he is responsible for partial tasks in the solution of which he participates under guidance of his supervisor.         Brief outline of the course:       Recommended literature:         Course language:       english, slovak         Notes:       Course language:         International projects:       100.0         100.0       0.0         Provides:       Date of last modification: 23.03.2022		COURSE INFO	JEMATION LETTER
Course ID: Dek. LF UPJŠ/G-MP/22       Course name: Co-solver of an international project         Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present       Number of ECTS credits: 15         Recommended semester/trimester of the course: Course level: III.       Terequisities:         Prerequisities:       Conditions for course completion: Co-solver of an international project.         The doctoral student states the activity in the doctoral annual report and these activities relevantly documented (e.g. publication, program).         Learning outcomes:         The doctoral student, as a co-investigator, participates in the solution of projects within the te cooperation, he is responsible for partial tasks in the solution of which he participates under guidance of his supervisor.         Brief outline of the course:         Recommended literature:         Course language: english, slovak         Notes:         Course assessment Total number of assessed students: 13         abs       neabs         100.0       0.0         Provides:	University: P. J. Šafá	rik University in Košice	
UPJŠ/G-MP/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: 15         Recommended semester/trimester of the course: Course level: III.         Prerequisities: Course level: III.         Prerequisities: Course level: III.         Consolver of an international project. The doctoral student states the activity in the doctoral annual report and these activities relevantly documented (e.g. publication, program).         Learning outcomes: The doctoral student, as a co-investigator, participates in the solution of projects within the te cooperation, he is responsible for partial tasks in the solution of which he participates under guidance of his supervisor.         Brief outline of the course: Recommended literature: Course language: english, slovak         Notes:         abs         neabs         100.0         0.00         Provides:	Faculty: Faculty of M	ledicine	
Course type:       Recommended course-load (hours):       Per week: Per study period:         Course method: present       Number of ECTS credits: 15         Recommended semester/trimester of the course:       Course level: III.         Prerequisities:       Perequisities:         Co-solver of an international project.       The doctoral student states the activity in the doctoral annual report and these activities relevantly documented (e.g. publication, program).         Learning outcomes:       The doctoral student, as a co-investigator, participates in the solution of projects within the te cooperation, he is responsible for partial tasks in the solution of which he participates under guidance of his supervisor.         Brief outline of the course:       Recommended literature:         Course language:       english, slovak         Notes:       Course assessment         Total number of assessed students: 13       abs         abs       neabs         100.0       0.0	1 5		
Recommended semester/trimester of the course:         Course level: III.         Prerequisities:         Conditions for course completion:         Co-solver of an international project.         The doctoral student states the activity in the doctoral annual report and these activities relevantly documented (e.g. publication, program).         Learning outcomes:         The doctoral student, as a co-investigator, participates in the solution of projects within the te cooperation, he is responsible for partial tasks in the solution of which he participates under guidance of his supervisor.         Brief outline of the course:         Recommended literature:         Course language:         english, slovak         Notes:         Course assessment         Total number of assessed students: 13         abs       neabs         100.0       0.0	Course type: Recommended cour Per week: Per stud	rse-load (hours): y period:	
Course level: III.         Prerequisities:         Conditions for course completion:         Co-solver of an international project.         The doctoral student states the activity in the doctoral annual report and these activities relevantly documented (e.g. publication, program).         Learning outcomes:         The doctoral student, as a co-investigator, participates in the solution of projects within the te cooperation, he is responsible for partial tasks in the solution of which he participates under guidance of his supervisor.         Brief outline of the course:         Recommended literature:         Course language:         english, slovak         Notes:         Course assessment         Total number of assessed students: 13         abs       neabs         100.0       0.0	Number of ECTS cr	edits: 15	
Prerequisities:	Recommended seme	ster/trimester of the co	ourse:
Conditions for course completion:         Co-solver of an international project.         The doctoral student states the activity in the doctoral annual report and these activities relevantly documented (e.g. publication, program).         Learning outcomes:         The doctoral student, as a co-investigator, participates in the solution of projects within the te cooperation, he is responsible for partial tasks in the solution of which he participates under guidance of his supervisor.         Brief outline of the course:         Recommended literature:         Course language:         english, slovak         Notes:         Cotal number of assessed students: 13         abs       neabs         100.0       0.0         Provides:	Course level: III.		
Co-solver of an international project. The doctoral student states the activity in the doctoral annual report and these activities relevantly documented (e.g. publication, program). Learning outcomes: The doctoral student, as a co-investigator, participates in the solution of projects within the te cooperation, he is responsible for partial tasks in the solution of which he participates under guidance of his supervisor. Brief outline of the course: Recommended literature: Course language: english, slovak Notes: Course assessment Total number of assessed students: 13 abs neabs 100.0 Provides:	Prerequisities:		
Recommended literature:   Course language:   english, slovak     Notes:   Course assessment   Total number of assessed students: 13   abs   neabs   100.0   0.0	The doctoral student relevantly documente <b>Learning outcomes:</b> The doctoral student, cooperation, he is res	t states the activity in ed (e.g. publication, prog as a co-investigator, pa sponsible for partial tasl	gram).
Course language: english, slovak         Notes:         Course assessment Total number of assessed students: 13         abs       neabs         100.0       0.0         Provides:	Brief outline of the c	ourse:	
english, slovak   Notes:   Course assessment   Total number of assessed students: 13   abs   neabs   100.0   Provides:	Recommended litera	ture:	
Course assessment Total number of assessed students: 13         abs       neabs         100.0       0.0         Provides:			
Total number of assessed students: 13         abs       neabs         100.0       0.0         Provides:	Notes:		
100.0 0.0 Provides:		ssed students: 13	
Provides:		abs	neabs
		100.0	0.0
Date of last modification: 23.03.2022	Provides:		
	Date of last modifica	tion: 23.03.2022	
Approved: prof. MUDr. Ladislav Mirossay, DrSc.	Approved: prof. MU	 Dr. Ladislav Mirossav. I	DrSc.

Faculty: Faculty of N	Medicine	
Course ID: Dek. LF UPJŠ/G-UPJS- SR/22Course 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 <b>Brief outline of the c</b>	, 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. J. Šafárik U	niversity in Košice	
Faculty: Faculty of Medic	ine	
Course ID: Dek. LF Cou UPJŠ/V-SVOC/22	rse name: Consultation	on of ŠVOČ
Course type, scope and th Course type: Recommended course-lo Per week: Per study per Course method: present	oad (hours):	
Number of ECTS credits	: 8	
Recommended semester/t	trimester of the cour	se:
Course level: III.		
Prerequisities:		
relevantly documented (e.g The doctoral student state relevantly documented (e.g <b>Learning outcomes:</b> It concerns professional an	g. publication, program es the activity in the g. publication, program nd consulting work in the ability to use and pas	e doctoral annual report and these activities are m). the management of students, by which the doctoral as on the acquired scientific knowledge and skills
Brief outline of the course	e:	
Recommended literature	:	
Course language: english, slovak		
Notes:		
<b>Course assessment</b> Total number of assessed s	students: 8	
abs		neabs
100.0	)	0.0
Provides:		
Date of last modification:	23.03.2022	

Faculty: Faculty of Medicine

Course ID: Dek. LF	<b>Course name:</b> 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: 385

N	NNe	NU	NeO	0	Р
0.0	0.0	1.56	0.0	88.31	10.13

**Provides:** 

**Date of last modification:** 23.03.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P. J. Šafá	5	
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF UPJŠ/DZS/05	Course name: Disserta	ation 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	edits: 15	
Recommended seme	ster/trimester of the co	urse:
Course level: III.		
Prerequisities:		
•	•	camination is the completion of the study part in the equisition of at least 90 credits in the external form, if
prescribed composition the study in the four- The committee decide	on of subjects and the ac year form and five-year es on the result of the es	equisition of at least 90 credits in the external form, if
prescribed composition the study in the four- The committee decident the members present.	on of subjects and the ac year form and five-year es on the result of the ex In the event of equality	equisition of at least 90 credits in the external form, if in the external form. xamination 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 ac year form and five-year es on the result of the ex In the event of equality ourse:	equisition of at least 90 credits in the external form, if in the external form. xamination 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	on of subjects and the ac year form and five-year es on the result of the ex In the event of equality ourse:	equisition of at least 90 credits in the external form, if in the external form. xamination in a non-public meeting by a majority of
prescribed composition the study in the four	on of subjects and the ac year form and five-year es on the result of the ex In the event of equality ourse:	equisition of at least 90 credits in the external form, if in the external form. xamination 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 content Recommended literat Course language: english, slovak	on of subjects and the ac year form and five-year es on the result of the en In the event of equality ourse: hture:	equisition of at least 90 credits in the external form, if in the external form. xamination in a non-public meeting by a majority of
prescribed composition the study in the four	on of subjects and the ac year form and five-year es on the result of the en In the event of equality ourse: hture:	equisition of at least 90 credits in the external form, if in the external form. xamination in a non-public meeting by a majority of
prescribed composition the study in the four	on of subjects and the ac year form and five-year es on the result of the en- In the event of equality ourse: nture:	equisition of at least 90 credits in the external form, if in the external form. xamination in a non-public meeting by a majority of of votes, the vote of the President shall prevail.
prescribed composition the study in the four- The committee decident the members present. Learning outcomes: Brief outline of the commended literat Course language: english, slovak Notes: Course assessment	on of subjects and the ac year form and five-year es on the result of the es In the event of equality ourse: nture: ssed students: 623	P
prescribed composition the study in the four- The committee decide the members present. Learning outcomes: Brief outline of the comparison Recommended literat Course language: english, slovak Notes: Course assessment Total number of assest	on of subjects and the ac year form and five-year es on the result of the en- In the event of equality ourse: nture: ssed students: 623 N 0.16	P

## ΓΟΡΜΑΤΙΟΝ Ι ΕΤΤΕΡ

	COURSE INFORMATION LETTER	
University: P. J. Šafa	árik University in Košice	
Faculty: Faculty of Medicine		
<b>Course ID:</b> 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	<b>course:</b> 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:	
<b>Course assessment</b> Total number of assessed students: 414	
Ne	Pr
0.0	100.0
Provides: Mgr. Zuzana Kolaříková, PhD.	
Date of last modification: 05.12.2024	
Approved: prof. MUDr. Ladislav Mirossay, DrSc.	

University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N	Iedicine	
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: pre	rse-load (hours): ly period:	
Number of ECTS cr	edits: 5	
Recommended seme	ster/trimester of the cours	se:
Course level: III.		
Prerequisities:		
		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	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 ourse:	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 ourse:	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 Recommended litera Course language:	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program ourse:	doctoral annual report and these activities are
The evaluation is ca seminars at the depart The doctoral studen relevantly documenter <b>Learning outcomes:</b> <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program ourse: nture:	doctoral annual report and these activities are
The evaluation is ca seminars at the depart The doctoral studen relevantly documente <b>Learning outcomes:</b> <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b>	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program ourse: nture:	doctoral annual report and these activities are
The evaluation is ca seminars at the depart The doctoral studen relevantly documenter <b>Learning outcomes:</b> <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b>	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program ourse: nture:	e doctoral annual report and these activities are n).
The evaluation is ca seminars at the depart The doctoral studen relevantly documenter <b>Learning outcomes:</b> <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b>	rried out by the supervisor tment/clinic. t states the activity in the ed (e.g. publication, program ourse: nture: ssed students: 179 abs	e doctoral annual report and these activities are n).
The evaluation is ca seminars at the depar 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 ourse: nture: ssed students: 179 abs 100.0	e doctoral annual report and these activities are n).

	COURSE IN	
University: P. J. Šafán	rik University in Koši	ce
Faculty: Faculty of M	Iedicine	
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): y period:	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the	course:
Course level: III.		
Prerequisities:		
relevantly documente Learning outcomes: Ph.D. student has to	t states the activity i 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:	
<b>Recommended litera</b>	ture:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> Total number of asses	ssed students: 5	
	abs	neabs
	100.0	0.0
Provides:		-
Date of last modifica	tion: 23.03.2022	

	COURSE IN	
University: P. J. Šafá	rik University in Koš	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 <b>se-load (hours):</b> y period: esent	
Number of ECTS cr	edits: 5	
Recommended seme	ster/trimester of the	e course:
Course level: III.		
Prerequisities:		
relevantly documente Learning outcomes: Ph.D. student has to	rd (e.g. publication, p	in the doctoral annual report and these activities are program). ults which bring benefits for preparation of dissertation equired methodological, professional knowledge.
Brief outline of the c	ourse:	
Recommended litera	ture:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> Total number of asses	ssed students: 31	
abs neabs		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 M	Iedicine	
Course ID: Dek. LF UPJŠ/P/22	Course name: Lecture on a	research seminar at the department or clinic
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: 2	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
relevantly documenter Learning outcomes: The doctoral student professional literature her research.	ed (e.g. publication, program presents the knowledge ga e, which he/she can criticall	doctoral annual report and these activities are ). ined through individual studies of scientific and y evaluate, analyse and subsequently use in his/
Brief outline of the c	ourse:	
<b>Recommended litera</b>	ture:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> Total number of asses	ssed students: 80	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	
Approved: prof. MU	Dr. Ladislav Mirossay, DrSc	).
Approved: prof. MU	Dr. Ladislav Mirossay, DrSc	······································

University: P. J. Šafá	irik University in Košice	
Faculty: Faculty of M	Medicine	
Course ID: ULBL/ MB/22	Course name: Molecular I	Biology
Course type, scope a Course type: Semin Recommended cou Per week: 2 Per stu Course method: pr	nar rse-load (hours): 1dy period: 28	
Number of ECTS ci	redits: 10	
Recommended seme	ester/trimester of the cours	e:
Course level: III.		
Prerequisities:		
<b>Conditions for cour</b> oral examination (10	-	
to human genome, and pharmacokinetic foundations of basic in human and molec molecular biology m Brief outline of the	ic concepts of molecular bid mutations and gene polyn cs. To give students a thora genetics. Students have ac cular genetics and have obta- tethods in pharmacogenetics course:	ology 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.
genomic data minin	g Mutations, gene polymor	rphisms and their detection Genetics of cancer ad clinical practice Epigenetics
Hudáková, T.: Lekár kol.: Lekárska biológ Masarykova univerz	ruššeková, A., Mičková, H., ska biológia I., Equilibria, K gia II., Equilibria, Košice 20 ita, 2017 4. Perlík, F., Slanař	Klimčáková, L., Židzik, J., Slabá, E., ošice 2009 2. Mičková, H., Šalagovič, J. a 07 3. Snustad, D. P., Simmons, M. J.: Genetika, 7, O.: Individualizace farmakoterapie, Triton, y. Macmillan learnings, 2021
<b>Course language:</b> Slovak, English		
Notes:		
<b>Course assessment</b> Total number of asse	essed students: 6	
	Ne	Pr
	0.0	100.0
Provides: prof. RND	r. Ján Šalagovič, PhD., doc.	RNDr. Peter Solár, PhD.

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. JF UPJŠ/G-UPJS-Course name: Obtaining an internal grant UPJŠ (VVGS) or scientific project for young researchers by Faculty of Medicine - as a responsible solverCR/22Solver			
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	r <b>se-load (hours):</b> 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			
<b>Course language:</b> english, slovak			
Notes:			
<b>Course assessment</b> 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	
<b>Course ID:</b> 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 rse-load (hours): dy period: 28	
Number of ECTS cr	edits: 10	
Recommended seme	ster/trimester of the cou	rse:
Course level: III.		
Prerequisities:		
<b>Conditions for cours</b> 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
<b>Course language:</b> Slovak English		
Notes:		
Course assessment	ssed students: 6	
Fotal number of assessed students: 6       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:	
<b>Course assessment</b> Total number of assessed students: 116	
abs	neabs
100.0	0.0

**Provides:** 

**Date of last modification:** 23.03.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P. J. Šafáril	k University in Košice	
Faculty: Faculty of Me	dicine	
Course ID: Dek. LF CUPJŠ/LPC/22	Course name: Preventio	n and treatment activities (per semester)
Course type, scope and Course type: Recommended cours Per week: Per study Course method: prese	e-load (hours): period:	
Number of ECTS cred	lits: 10	
Recommended semest	er/trimester of the cou	rse:
Course level: III.		
Prerequisities:		
The doctoral student student student student studented <b>Learning outcomes:</b> Doctoral students invo	states the activity in the (e.g. publication, progra	e Faculty of Medicine (per semester). ne doctoral annual report and these activities are am). d prevention of patients in a hospital or outpatient heir own field of study / study program into work
Brief outline of the cou	irse:	
Recommended literatu	ıre:	
<b>Course language:</b> english, slovak		
Notes:		
Course accessment	ad students: 218	
Course assessment Total number of assess	eu studellits. 218	
Total number of assess	ibs	neabs
Total number of assess		neabs 0.0
Total number of assess	ıbs	
Total number of assess a 10	bs 00.0	

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:		
<b>Conditions for cours</b> 1. Online test after ea 2. Problem learning a	1	
improving their practi Brief outline of the co		
<ol> <li>Guide to the course</li> <li>Research process</li> <li>Measurement of im</li> <li>Study design</li> <li>Validity of the stud</li> </ol>	pact	
6. Questionnaire meth	nods res / problem learning PU2: working with statistical software	
<ul> <li>9. Introduction to work with statistical software</li> <li>10. Univariate statistical methods I</li> <li>11. Univariate statistical methods II</li> </ul>		
<ol> <li>12. Linear regression</li> <li>13. Logistic regressio</li> </ol>	es / problem learning PU3: statistical data analysis n s of variables, interaction	
	rolled trials - implementation rolled trials - analyzes ecificity	
<b>Recommended litera</b>	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.

<b>Course language:</b> slovak, english		
Notes: combined form of education		
Course assessment Total number of assessed students: 129		
Ne	Pr	
9.3	90.7	
<b>Provides:</b> doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Peter Kolarčik, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD., MUDr. Jaroslav Rosenberger, 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	-	to the scientific work in which the doctoral registered in a foreign 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 cr	edits: 5	
Recommended seme	ster/trimester of the cour	se:
Course level: III.		
Prerequisities:		
national scientific jou The doctoral student relevantly documente <b>Learning outcomes:</b> 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. LFCourse name: Responses to the scientific work in which the doctoral student is as a co-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): 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 <b>Learning outcomes:</b> 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.

	árik University in Košice	
Faculty: Faculty of M	Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/O-S-SCI/ Scopus/22	1	
Course type, scope a Course type: Recommended cou Per week: Per stud Course method: pr	ırse-load (hours): dy period:	
Number of ECTS cr	redits: 10	
Recommended seme	ester/trimester of the course:	
Course level: III.		
Prerequisities:		
relevantly document Learning outcomes: Gaining SCI/Scopus field. At the same tim	nt states the activity in the doctoral annu ted (e.g. publication, program).	unded scientific knowledge in the es the competence to communicate
Brief outline of the o	course:	
Driel outline of the		
Recommended liter	ature:	
	ature:	
Recommended liter Course language:	ature:	
Recommended liter Course language: english, slovak		
Recommended liter: Course language: english, slovak Notes: Course assessment		neabs
Recommended liter: Course language: english, slovak Notes: Course assessment	essed students: 24	neabs 0.0
Recommended liter: Course language: english, slovak Notes: Course assessment	essed students: 24 abs	
Recommended liter: Course language: english, slovak Notes: Course assessment Total number of asse	essed students: 24 abs 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 <b>Learning outcomes:</b> 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:		
<b>Course language:</b> english, slovak			
Notes:			
<b>Course assessment</b> 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. Šafá	rik University in Košice	
Faculty: Faculty of Medicine		
Course ID: Dek. LF UPJŠ/O-1DC/22	<b>Course name:</b> Responses to the scientific work in which the doctoral student is as the 1st author - registered in a national scientific journal	
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present		
Number of ECTS cr	edits: 5	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
a national scientific jo The doctoral student relevantly documente <b>Learning outcomes:</b> 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	ourse:	
Recommended litera	ture:	
<b>Course language:</b> english, slovak		
Notes:		
Course assessment Total number of assessed students: 3		
	abs	neabs
	100.0 0.0	
Provides:		
Date of last modifica	tion: 23.03.2022	

University: P. J. Šafá	rik University in Košic	e	
Faculty: Faculty of M	Aedicine		
<b>Course ID:</b> Dek. LF UPJŠ/O-1SCI/ Scopus/22	<b>Course name:</b> Responses to the scientific work in which the doctoral student is as the 1st author - registered in databases SCI or Scopus		
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 course:			
Recommended litera	J		
<b>Course language:</b> english, slovak			
Notes:			
<b>Course assessment</b> Total number of asse	ssed students: 18		
	abs	neabs	
	100.0	0.0	
Provides:			
Date of last modifica	ation: 23.03.2022		

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: Dek. LF Course name: Review of ba			
Course ID: Dek. LF Course name: Review of ba	Faculty: Faculty of Medicine		
Course ID: Dek. LF Course name: Review of bachelor thesis JPJŠ/OP-ZP/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: 3			
Recommended semester/trimester of the course:			
Course level: III.			
Prerequisities:			
<b>Conditions for course completion:</b> Review of bachelor thesis. The doctoral student states the activity in the d relevantly documented (e.g. publication, program).	-		
Learning outcomes: By elaborating the report, the doctoral student dema and experience from scientific research activities is declares the competence that professional problem evaluate, or propose other solutions.	in the relevant field of study/study program. It		
Brief outline of the course:			
Recommended literature:			
Course language: english, slovak			
Notes:			
<b>Course assessment</b> Total number of assessed students: 15			
abs	neabs		
100.0	0.0		
Provides:			
Date of last modification: 24.03.2022			
Approved: prof. MUDr. Ladislav Mirossay, DrSc.			

University: P. J. Šaf	ărik University in Košice		
Faculty: Faculty of	Medicine		
Course ID: UPZMV/ VKMVP/22	Course name: Scientific communication and research projects managemen		
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:			
<b>Conditions for cour</b> 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		
<ul> <li>Logistics of field of</li> <li>Legal aspects of m</li> <li>Ethical aspects of</li> <li>research projects.</li> <li>Literature search, m</li> <li>Structure of scient</li> </ul>	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	
<b>Course assessment</b> Total number of assessed students: 35	
Ne	Pr
0.0	100.0
<b>Provides:</b> doc. Mgr. Zuzana Dankulincová, PhD. PhD., Ing. Lucia Bosáková, PhD., univerzitný do Mgr. Daniela Fiľakovská, PhD., Mgr. Daniela Hu Jaroslava Kopčáková, PhD.	cent, PhDr. Ivana Mészáros Skoumalová, 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 UPJŠ/VP-MONO- IV/22	<b>Course name:</b> 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:		
<b>Recommended litera</b>	ture:		
<b>Course language:</b> english, slovak			
Notes:			
<b>Course assessment</b> 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. LFCourse name: Scientific work as a monograph, published in • publishersUPJŠ/VP-MONO/22Elsevier, 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:		
<b>Conditions for course completion:</b> Scientific work as a monograph, published in p Taylor & Francis. The doctoral student states the activity in the relevantly documented (e.g. publication, program	doctoral annual report and these activities are	
Learning outcomes: By publishing a monograph, the doctoral studientify, evaluate, correctly apply scientific know demonstrates the competence to use existing theory to generate new original scientific knowledge, while the set of th	ledge and research methods. The doctoral student ries and concepts in an innovative way, as well as hich he publishes in the monograph (usually in a	
Brief outline of the course:		
Recommended literature:		
Course language: english, slovak		
Notes:		
<b>Course assessment</b> Total number of assessed students: 1		
abs	neabs	
100.0	0.0	
Provides:		
Date of last modification: 23.03.2022		
Approved: prof. MUDr. Ladislav Mirossay, DrSc	2.	

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of N	Iedicine		
Course ID: Dek. LF 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 co	urse:	
Course level: III.			
Prerequisities:			
The doctoral studen	shed in a foreign journal	the 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	urnal, the doctoral student demonstrates a high degree apply scientific knowledge and research methods. to use existing theories and concepts, as well as the wledge, which he publishes in foreign peer-reviewed established quality and ethical standards.	
Brief outline of the c	Brief outline of the course:		
Recommended litera	ature:		
<b>Course language:</b> english, slovak			
Notes:			
Course assessment Total number of assessed students: 35			
		neabs	
	abs		
	abs 100.0	0.0	
Provides: Date of last modifica	100.0		

fic work published in a foreign journal as the 1st
fic work published in a foreign journal as the 1st
fic work published in a foreign journal as the 1st
ourse:
al as the 1st author. the doctoral annual report and these activities are gram).
ournal, the doctoral student demonstrates a high degree y apply scientific knowledge and research methods. ys to use existing theories and concepts, as well as the owledge, which he publishes in foreign peer-reviewed to established quality and ethical standards.
neabs
0.0
DrSc.

University: P. J. Šafán	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 for	breign or national proceedingm PhD. student - a co- he doctoral annual report and these activities are am).
doctoral student dem Demonstrates competent new knowledge, white	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 indards.
Brief outline of the c	ourse:	
Recommended litera	ture:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> Total number of asses	ssed students: 17	
	abs	neabs
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	
		rSc.

University: P. J. Šafá	rik University in Košio	ce
Faculty: Faculty of N	Iedicine	
Course ID: Dek. LF UPJŠ/VP-NC-1./22Course 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:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> 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 M	Iedicine		
Course ID: Dek. LF UPJŠ/VP-DC-S/22	<b>Course name:</b> Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as a co-author		
Course type, scope a Course type: Recommended cour Per week: Per stud	rse-load (hours): y period:		
Course method: pre			
Number of ECTS cr			
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
national proceeding a The doctoral student	is 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 peer-reviewed journal	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	iture:		
<b>Course language:</b> english, slovak			
Notes:			
<b>Course assessment</b> Total number of asses	ssed students: 84		
	abs neabs		
	100.0	0.0	
Provides:			
Date of last modifica	tion: 23.03.2022		
	Dr. Ladislav Mirossay, DrSc	<u></u>	
<b>•PProved</b> • prof. 1010	<u> </u>	·····	

University: P. J. Šafán	rik University in Košice	
Faculty: Faculty of N	Iedicine	
Course ID: Dek. LF JPJŠ/VP-DC-1./22Course name: Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as the 1st author		
Course type, scope a Course type: Recommended cour Per week: Per stud	rse-load (hours): y period:	
Course method: pre		
Number of ECTS cro	edits: 10	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
national proceeding a The doctoral student	shed in in a national maga s the 1st 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 journal	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:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> Total number of asses	ssed students: 75	
	abs neabs	
	100.0	0.0
Provides:		
Date of last modifica	tion: 23.03.2022	
	Dr. Ladislav Mirossay, DrSo	2

University: P. J. Šafá	· 1 1 1 · · · · · · · · · · · · · · · ·	
	rik University in Kosice	
Faculty: Faculty of M	ledicine	
Course ID: Dek. LF JPJŠ/VP-S-Q1/22Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q1		
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: 30	
Recommended seme	ster/trimester of the cou	rse:
Course level: III.		
Prerequisities:		
The doctoral student		s included in category Q1 (according SJR or JCR). ne doctoral annual report and these activities are am).
By publishing a scient doctoral student dem scientific knowledge	nonstrates a high degree and use research methodo	gistered in reputable databases (WoS, Scopus), the of ability to identify, evaluate, correct apply the logy. Ph.D. student demonstrates competence to use
scientific knowledge,		e way, as well as the ability to generate new original n renowned journals (usually in a foreign language) standards.
scientific knowledge,	which he/she publishes i shed quality and ethical s	n renowned journals (usually in a foreign language)
scientific knowledge, by adhering to establi	which he/she publishes i shed quality and ethical sourse:	n renowned journals (usually in a foreign language)
scientific knowledge, by adhering to establi <b>Brief outline of the c</b>	which he/she publishes i shed quality and ethical sourse:	n renowned journals (usually in a foreign language)
scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language:	which he/she publishes i shed quality and ethical sourse:	n renowned journals (usually in a foreign language)
scientific knowledge, by adhering to establi <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak	which he/she publishes i shed quality and ethical s ourse: ture:	n renowned journals (usually in a foreign language)
scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	which he/she publishes i shed quality and ethical s ourse: ture:	n renowned journals (usually in a foreign language)
scientific knowledge, by adhering to establi <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	which he/she publishes i shed quality and ethical s ourse: ture: ssed students: 21	n renowned journals (usually in a foreign language) standards.
scientific knowledge, by adhering to establi <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	which he/she publishes i shed quality and ethical s ourse: ture: ssed students: 21 abs	n renowned journals (usually in a foreign language) standards.
scientific knowledge, by adhering to establi <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	which he/she publishes i shed quality and ethical s ourse: ture: ssed students: 21 abs 100.0	n renowned journals (usually in a foreign language) standards.

~		
University: P. J. Šafá	rik University in Košice	
Faculty: Faculty of N	Iedicine	
Course ID: Dek. LF JPJŠ/VP-S-Q2/22Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q2		
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: 20	
Recommended seme	ster/trimester of the co	urse:
Course level: III.		
Prerequisities:		
The doctoral student	hor in the journal which	is included in category Q2 (according SJR or JCR). the 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 innovativ	egistered in reputable databases (WoS, Scopus), the e of ability to identify, evaluate, correct apply the ology. 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.
Brief outline of the c	ourse:	
Recommended litera	iture:	
<b>Course language:</b> english, slovak		
Notes:		
Notes: Course assessment Total number of asses	ssed students: 19	
Course assessment	ssed students: 19 abs	neabs
<b>Course assessment</b> Total number of asses		neabs 0.0
<b>Course assessment</b> Total number of asses	abs	
Course assessment Total number of asses	abs 100.0	

University: P. J. Šafá	·1 TT · · · TZ ··	
	rik University in Kosice	
Faculty: Faculty of M	Iedicine	
Course ID: Dek. LF JPJŠ/VP-S-Q3/22Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q3		
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	urse:
Course level: III.		
Prerequisities:		
The doctoral student relevantly documente		is included in category Q3 (according SJR or JCR). he doctoral annual report and these activities are ram).
<i>v</i> 1 0	2	egistered in reputable databases (WoS, Scopus), the
scientific knowledge existing theories and scientific knowledge,	and use research methodo concepts in an innovative	e 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.
scientific knowledge existing theories and scientific knowledge,	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical	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)
scientific knowledge existing theories and scientific knowledge, by adhering to establi	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical ourse:	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)
scientific knowledge existing theories and scientific knowledge, by adhering to establic <b>Brief outline of the c</b>	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical ourse:	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)
scientific knowledge existing theories and scientific knowledge, by adhering to establi Brief outline of the c Recommended litera Course language:	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical ourse:	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)
scientific knowledge existing theories and scientific knowledge, by adhering to establic <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical ourse: nture:	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)
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	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical ourse: nture:	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)
scientific knowledge existing theories and scientific knowledge, by adhering to establi <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical ourse: nture:	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.
scientific knowledge existing theories and scientific knowledge, by adhering to establi <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical ourse: nture: ssed students: 26 abs	neabs
scientific knowledge existing theories and scientific knowledge, by adhering to establi <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	and use research methodo concepts in an innovative which he/she publishes ished quality and ethical ourse: nture: ssed students: 26 abs 100.0	neabs

University: P. J. Šafán		
	rik University in Košice	
Faculty: Faculty of M	ledicine	
Course ID: Dek. LF JPJŠ/VP-S-Q4/22Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q4		
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 <b>dits:</b> 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:	
<b>Recommended litera</b> <b>Course language:</b> 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	
<b>Faculty:</b> Faculty of M		
Course ID: Dek. LF Course name: Scientific work published in the journal registered in the UPJŠ/VP-1Q1/22 WoS/Scopusus databases - as the 1st author in the journal which is included in category Q1		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	rse-load (hours): y period:	
Number of ECTS cr	e <b>dits:</b> 40	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral student relevantly documented	-	included in category Q1 (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 methodolog 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:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> Total number of asse	ssed students: 18	
	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		
Course ID: Dek. LF Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q2		
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: 30	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
The doctoral student relevantly documente	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 methodolog 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:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> Total number of asses	ssed students: 5	
	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 N		
Course ID: Dek. LF Course name: 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		
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:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> 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 Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q4		
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:	
<b>Course language:</b> english, slovak		
Notes:		
<b>Course assessment</b> 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 N	1edicine	
Course ID: ULI/ Course name: Statistical methods in scientific work SMVP/22		
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: 5	
Recommended seme	ster/trimester of the cours	e:
Course level: III.		
Prerequisities:		
Conditions for cours interview, exam	e completion:	
1	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,	
<b>Course language:</b> Slovak, English		
Notes:		
<b>Course assessment</b> Total number of asse	ssed students: 4	
	Ne	Pr
	0.0	100.0
Provides: doc. Ing. Ja	aroslav Majerník, PhD.	
Date of last modifica	tion: 25.03.2023	
Approved: prof. MU	Dr. Ladislav Mirossay, DrSc	).

<b>COURSE INFORMATION LETTER</b>		
University: P. J. Šafárik University in Košice		
Faculty: Faculty of M	ſedicine	
Course ID: Dek. LF UPJŠ/ODP/16	Course name: Submission of dissertation thesis for defense	
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: 10	
Recommended seme	ster/trimester of the course:	
Course level: III.		
Prerequisities:		
or the Dean's Office, 210 credits, if the stu- including the credits f before the scheduled 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 p Decision No. 21/2021 parts, Rector's Decision in Košice and its part	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. t 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 ormal 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 c		
<b>Recommended litera</b>	ture:	

Course language:

english, slovak

Notes:

Course assessment	
Total number of assessed students: 80	
abs neabs	
100.0 0.0	
Provides:	

Date of last modification: 23.03.2022

Approved: prof. MUDr. Ladislav Mirossay, DrSc.

University: P. J. Śafá		
	rik University in Košice	
Faculty: Faculty of N	/ledicine	
Course ID: Dek. LF UPJŠ/V/K-ZP/22	Course name: Supervision	on of bachelor thesis
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: 8	
Recommended seme	ster/trimester of the cou	rse:
Course level: III.		
Prerequisities:		
relevantly documenter	t states the activity in th ed (e.g. publication, progra	
By supervising the b	-	al student demonstrates the ability to use scientific
study/study program.	Can critically assess a pro	stic) acquired by studying in the relevant field of fessional problem and proposed solutions, evaluate , it demonstrates the ability to transfer the acquired
study/study program.	Can critically assess a problem of the same time,	fessional problem and proposed solutions, evaluate
study/study program. it, or suggest other so	Can critically assess a problem of the same time,	fessional problem and proposed solutions, evaluate
study/study program. it, or suggest other so knowledge and skills	Can critically assess a pro- plutions. At the same time,	
study/study program. it, or suggest other so knowledge and skills <b>Brief outline of the c</b>	Can critically assess a pro- plutions. At the same time,	fessional problem and proposed solutions, evaluate
study/study program. it, or suggest other so knowledge and skills Brief outline of the c Recommended litera Course language: english, slovak	Can critically assess a pro- plutions. At the same time,	fessional problem and proposed solutions, evaluate
study/study program. it, or suggest other so knowledge and skills Brief outline of the c Recommended litera Course language: english, slovak	Can critically assess a problem of the same time, s.	fessional problem and proposed solutions, evaluate
study/study program. it, or suggest other so knowledge and skills Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	Can critically assess a problem of the same time, s.	fessional problem and proposed solutions, evaluate
study/study program. it, or suggest other so knowledge and skills Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	Can critically assess a pro- plutions. At the same time, course: ature: ssed students: 28	fessional problem and proposed solutions, evaluate , it demonstrates the ability to transfer the acquired
study/study program. it, or suggest other so knowledge and skills Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	Can critically assess a problem of the same time, sourse: ature: ssed students: 28 abs	fessional problem and proposed solutions, evaluate , it demonstrates the ability to transfer the acquired
study/study program. it, or suggest other so knowledge and skills Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment Total number of asse	Can critically assess a problem of the same time, second s	fessional problem and proposed solutions, evaluate , it demonstrates the ability to transfer the acquired

University: P. J. Šafárik University in K	ošice
Faculty: Faculty of Medicine	
Course ID: Dek. LF Course name: Th UPJŠ/PC/22	e 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 t	he course:
Course level: III.	
Prerequisities:	
up to four hours per week on average pe	y in the doctoral annual report and these activities are
integrate knowledge from their own fie and implement part of the educational p partial results) in accordance with curre	octoral student demonstrates the ability to transfer and d of study/study program into education. Is able to design rocess (e.g. practical exercises, including the evaluation of at trends in higher education. He is able to select and apply dy group management in accordance with the requirements tal competencies.
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
<b>Course assessment</b> Total number of assessed students: 209	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: prof. MUDr. Ladislav Miros	sour DrSo

University. 1. J. Sala	rik University in Košice	
Faculty: Faculty of M		
		<u> </u>
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): ly period:	
Number of ECTS cr	edits: 3	
Recommended seme	ster/trimester of the course	e:
Course level: III.		
Prerequisities:		
relevantly documenter Learning outcomes: The doctoral student v of teamwork in the p manage the implement	ed (e.g. publication, program working in the organizing cor reparation of a scientific or ntation of the event in terms	nmittee of the conference demonstrates the ability professional event. It declares the competence to of time and content, to communicate effectively
in words and writing		guage at a professional level with different types
-		eans, recommend and propose solutions and, if
of people. He/she ca	pendent decisions.	eans, recommend and propose solutions and, if
of people. He/she ca necessary, make inde	pendent decisions. ourse:	eans, recommend and propose solutions and, if
of people. He/she ca necessary, make inde <b>Brief outline of the c</b>	pendent decisions. ourse:	eans, recommend and propose solutions and, if
of people. He/she ca necessary, make inde Brief outline of the c Recommended litera Course language:	pendent decisions. ourse:	eans, recommend and propose solutions and, if
of people. He/she ca necessary, make inde <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak	pendent decisions. ourse: ture:	eans, recommend and propose solutions and, if
of people. He/she ca necessary, make inde Brief outline of the c Recommended litera Course language: english, slovak Notes: Course assessment	pendent decisions. ourse: ture:	neabs
of people. He/she ca necessary, make inde <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	pendent decisions. ourse: nture: ssed students: 20	
of people. He/she ca necessary, make inde <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	pendent decisions. ourse: nture: ssed students: 20 abs	neabs
of people. He/she ca necessary, make inde <b>Brief outline of the c</b> <b>Recommended litera</b> <b>Course language:</b> english, slovak <b>Notes:</b> <b>Course assessment</b> Total number of asses	pendent decisions. ourse: nture: ssed students: 20 abs 100.0	neabs