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## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/APV-DK +Z/22	<b>Course name:</b> Active presentation of results at a national conference with international participation
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Active presentation of results at a national conference with international participation. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By actively participating in a scientific conference, the doctoral student demonstrates a high level of knowledge and ability to identify, evaluate, correctly apply scientific knowledge and research methods. Demonstrates competence to use existing knowledge and generate new original scientific knowledge that he can critically analyse and communicate to a wider audience by adequate means (e.g. lecture, poster).	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 228	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/APV-MK/22	<b>Course name:</b> Active presentation of results at an international conference abroad
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Active presentation of results at an international conference abroad. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By actively participating in a scientific conference, the doctoral student demonstrates a high level of knowledge and ability to identify, evaluate, correctly apply scientific knowledge and research methods. Demonstrates competence to use existing knowledge and generate new original scientific knowledge that he can critically analyse and communicate to a wider audience by adequate means (e.g. lecture, poster).	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 125	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/APV-DK/22	<b>Course name:</b> Active presentation of results at the national conference
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 2	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Active presentation of results at the national conference. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By actively participating in a scientific conference, the doctoral student demonstrates a high level of knowledge and ability to identify, evaluate, correctly apply scientific knowledge and research methods. Demonstrates competence to use existing knowledge and generate new original scientific knowledge that he can critically analyse and communicate to a wider audience by adequate means (e.g. lecture, poster).	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 152	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/G-DP/22	<b>Course name:</b> Co-solver of a national project (VEGA, KEGA, APVV ...)
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Co-solver of a national project (VEGA, KEGA, APVV ...). The doctoral student states the activity in the doctoral annual report and these activities are 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 team cooperation, he is responsible for partial tasks in the solution of which he participates under the guidance of his supervisor.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 159	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/G-MP/22	<b>Course name:</b> Co-solver of an international project
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 15	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Co-solver of an international project. The doctoral student states the activity in the doctoral annual report and these activities are 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 team cooperation, he is responsible for partial tasks in the solution of which he participates under the guidance of his supervisor.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 23	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/G-UPJS- SR/22	<b>Course name:</b> Co-solver of internal grant (VVGS)
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 3	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Co-solver of internal grant (VVGS). The doctoral student states the activity in the doctoral annual report and these activities are 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 team cooperation, he is responsible for partial tasks in the solution of which he participates under the guidance of his supervisor.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 25	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/V-SVOC/22	<b>Course name:</b> Consultation of ŠVOČ
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 8	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> It concerns professional and consulting work in the management of students, by which the doctoral student demonstrates the ability to use and pass on the acquired scientific knowledge and skills acquired through studies in the relevant field of study / study program.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 13	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> Dek. LF UPJŠ/ODZ/05		<b>Course name:</b> Defence of Doctoral Thesis			
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present					
<b>Number of ECTS credits:</b> 20					
<b>Recommended semester/trimester of the course:</b>					
<b>Course level:</b> III.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b> 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.					
<b>Learning outcomes:</b> 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, and the ability to present and critically analyses obtained results.					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b> english, slovak					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 425					
N	NNe	NU	NeO	O	P
0.0	0.0	1.41	0.0	80.47	18.12

<b>Provides:</b>
<b>Date of last modification:</b> 23.03.2022
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/DZS/05	<b>Course name:</b> Dissertation examination
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 15	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> The condition for granting the dissertation examination is the completion of the study part in the prescribed composition of subjects and the acquisition of at least 90 credits in the external form, if the study in the four-year form and five-year in the external form. The committee decides on the result of the examination in a non-public meeting by a majority of the members present. In the event of equality of votes, the vote of the President shall prevail.	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 672	
N	P
0.15	99.85
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UPZMV/ZZP/25	<b>Course name:</b> Health of vulnerable populations – theory, research, practice
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week: 2 Per study period: 28</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Students will receive an assignment in the field of theories, research and practice in the health of vulnerable populations requiring the study of available background materials, critical evaluation of the state of knowledge and active participation in the form of preparation of a final seminar paper. Continuous assessment (50%): study of background materials Final assessment (50%): preparation of the seminar paper	
<b>Learning outcomes:</b> The ambition of the seminars is to provide knowledge and insights on the latest developments in selected areas of research focused on the health of vulnerable populations, especially in the context of social and structural determinants of health, access to health care and health inequalities. The subject also focuses on methodological and ethical aspects of research with vulnerable groups, including participatory and culturally sensitive approaches, as well as the design, implementation and evaluation of evidence-based interventions in real-world settings.	
<b>Brief outline of the course:</b> 1. Introduction to the issue of vulnerability in health - definitions, concepts, types of vulnerable populations - health inequalities and social determinants of health - access to health care 2. Research methodology with vulnerable populations - culturally sensitive and participatory research - ethical aspects of research - adaptation of tools and interventions 3. Implementation and evaluation of interventions - types of interventions (prevention, education, community programs) - translation of research into practice, sustainability - evaluation of interventions (process evaluation, evaluation of outcomes and impact) 4. Case studies	
<b>Recommended literature:</b> Bartley, M. (2016). Health Inequality: An Introduction to Concepts, Theories and Methods. 2nd ed. Cambridge: Polity Press.	

World Health Organization (2016). Innov8 approach for reviewing national health programmes to leave no one behind: Technical handbook. Geneva: WHO.

Levesque, J.-F., Harris, M. F., & Russell, G. (2013). Patient-centred access to health care: conceptualising access at the interface of health systems and populations. *International Journal for Equity in Health*, 12(1), 1–9.

Israel, B. A., Eng, E., Schulz, A. J., & Parker, E. A. (Eds.). (2005). *Methods in community-based participatory research for health*. San Francisco, CA: Jossey-Bass.

World Health Organization. (2015). *Participation as a driver of health equity*. Copenhagen: WHO Regional Office for Europe.

Lahman, M. K. E. (2022). *Ethics in social science research: Becoming culturally responsive*. SAGE Publications.

**Course language:**

Slovak, English

**Notes:**

hybrid

**Course assessment**

Total number of assessed students: 0

Ne	Pr
0.0	0.0

**Provides:** doc. Mgr. Daniela Fiřakovská, PhD.

**Date of last modification:** 02.04.2026

**Approved:** prof. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UPZMV/PZ/25	<b>Course name:</b> Health promotion
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week: 2 Per study period: 28</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Students will be given an assignment in the field of health promotion research, requiring study of available background materials, critical evaluation of the state of knowledge, and active participation in the form of preparation of a final seminar paper. Continuous assessment (50%): study and preparation of background materials Final assessment (50%): processing of the seminar paper	
<b>Learning outcomes:</b> The ambition of the seminars is to provide knowledge and insights about the latest developments in selected areas of health promotion research and to develop capacities for critical evaluation of knowledge and the creation of interventions.	
<b>Brief outline of the course:</b> 1. Health and Health-Related Behavior 2. Health Promotion and Disease Prevention 3. Individual Approach: How to Work 1 on 1 4. Using Mass Media: How to Reach Crowds 5. Environmental Interventions 6. Projects for All (Public Health Programs) 7. Using New Technologies: Innovation in Practice	
<b>Recommended literature:</b> Dankulincová Z., Husárová D., Madarasová Gecková A., Kopčáková J.: Psychológia zdravia. ŠafárikPress, Košice, 2023 Morrison V., Bennet P.: Introduction to Health Psychology. Pearson Education Limited, Endinburgh, 2016.	
<b>Course language:</b> Slovak, English	
<b>Notes:</b> hybrid	

<b>Course assessment</b>	
Total number of assessed students: 0	
Ne	Pr
0.0	0.0
<b>Provides:</b> Mgr. Jaroslava Kopčáková, PhD.	
<b>Date of last modification:</b> 02.04.2026	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/ISL/22	<b>Course name:</b> Individual study of scientific literature
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> The evaluation is carried out by the supervisor based on knowledge of the Ph.D. presented on seminars at the department/clinic. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 350	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/AZSPn/22	<b>Course name:</b> Internship abroad - more than 30 days
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Internship abroad - more than 30 days. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Ph.D. student has to present specific results which bring benefits for preparation of dissertation thesis on seminar or an overview of the acquired methodological, professional knowledge.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 18	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/AZSPd/22	<b>Course name:</b> Internship abroad - of less than 30 days
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Internship abroad - of less than 30 days. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Ph.D. student has to present specific results which bring benefits for preparation of dissertation thesis on seminar or an overview of the acquired methodological, professional knowledge.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 54	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/P/22	<b>Course name:</b> Lecture on research seminar at the department or clinic
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 2	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Lecture on research seminar at the department or clinic. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> The doctoral student presents the knowledge gained through individual studies of scientific and professional literature, which he/she can critically evaluate, analyse and subsequently use in his/her research.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 174	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UPZMV/LPaPZ/25	<b>Course name:</b> Medical psychology and health psychology
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 <b>Per study period:</b> 42 <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Students will receive an assignment in the field of medical psychology and health psychology research, requiring the study of available background materials, critical evaluation of the state of knowledge and active participation in the form of preparation of a final seminar paper. Interim assessment (50%): study and preparation of materials Final assessment (50%): processing of the seminar paper	
<b>Learning outcomes:</b> The ambition of the seminars is to provide knowledge and insights about the latest developments in selected areas of medical psychology and health psychology research and to develop capacity for critical evaluation of knowledge and creation of interventions.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b> Dankulinová Z., Husárová D., Madarasová Gecková A., Kopčáková J.: Psychológia zdravia. ŠafárikPress, Košice, 2023 Morrison V., Bennet P.: Introduction to Health Psychology. Pearson Education Limited, Endinburgh, 2016.	
<b>Course language:</b> Slovak, English	
<b>Notes:</b> hybrid	
<b>Course assessment</b> Total number of assessed students: 0	
Ne	Pr
0.0	0.0
<b>Provides:</b> doc. Mgr. Zuzana Dankulinová, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD., Mgr. Jaroslava Kopčáková, PhD.	
<b>Date of last modification:</b> 02.04.2026	

**Approved:** prof. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/G-UPJS- ZR/22	<b>Course name:</b> Obtaining an internal grant UPJŠ (VVGS) or scientific project for young researchers by Faculty of Medicine - as a responsible solver
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Obtaining an internal grant UPJŠ (VVGS) or scientific project for young researchers by Faculty of Medicine - as a responsible solver. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> As a responsible researcher, the doctoral student is able to specify scientific research activities and problems in the medical fields and is able to design scientific projects, including the development of a written proposal. Respects and implements social and ethical aspects in the planning and implementation of scientific research activities.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 13	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UPZMV/MVPS/25	<b>Course name:</b> Patient experience research methodology
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week: 2 Per study period: 28</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Students will receive an assignment in the field of patient experience research, requiring the study of available background materials, including selected thematic modules, critical evaluation of the state of knowledge, and active participation in the form of preparing a final seminar paper. Continuous assessment (50%): study and preparation of materials Final assessment (50%): processing of the seminar paper	
<b>Learning outcomes:</b> Completing the course will expand students' knowledge and understanding of the experiences of patients, caregivers, and healthcare professionals in selected clinical groups and situations. They will also gain knowledge and skills in methods and procedures for researching patient experiences, including the process of creating a thematic module of a patient experience database.	
<b>Brief outline of the course:</b> 1. Biomedical Perspective vs. Patient Perspective 2. Narrative Approach 3. Narrative Medicine 4. Patient Experience Research 5. Patient Perspective – HEXI 6. Systematic Review and Synthesis of Qualitative Research 7. Participatory Action Research	
<b>Recommended literature:</b> Husárová D.: Klinická prax z perspektívy pacienta. Košice: Vydavateľstvo ŠafárikPress, 2025. ISBN 978-80-574-0380-7 Ziebland, Sue, Coulter, A., Calabrese, J.D., & Locock, L. (eds) (2013). Understanding and Using Health Experiences: Improving patient care. Oxford: Oxford University Press. ISBN 978-0-19-966537-2.	
<b>Course language:</b> Slovak, English	
<b>Notes:</b>	

<b>Course assessment</b>	
Total number of assessed students: 0	
Ne	Pr
0.0	0.0
<b>Provides:</b> Mgr. Daniela Husárová, PhD.	
<b>Date of last modification:</b> 02.04.2026	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> 2. PK/ PM/25	<b>Course name:</b> Personalized medicine
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week: 2 Per study period: 28</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Students will receive assignments in the field of personalized medicine research that require systematic study of available scientific and professional sources, critical evaluation of the current state of knowledge and identification of research challenges in this area. Part of the course is active participation in seminars, discussions and presentations focused on interdisciplinary aspects of personalized medicine (e.g. genetic, psychological and behavioral factors influencing treatment and prevention). The output is the development of a final seminar paper, which reflects the student's ability to analyze scientific knowledge, apply it to a specific research or clinical problem and formulate recommendations for practice or further research. A condition for successful completion is also the presentation and defense of the paper, with emphasis on independent scientific thinking, methodological accuracy and professional argumentation. Continuous assessment (50%): study and preparation of materials Final assessment (50%): processing of the seminar paper	
<b>Learning outcomes:</b> The ambition of the seminars is to provide doctoral students with knowledge about the latest developments in selected areas of personalized medicine research, with a focus on understanding the biological, psychological and behavioral factors that influence individual differences in health, disease and response to treatment. Emphasis is placed on the development of independent scientific thinking, the ability to connect knowledge from different disciplines and their use in creating innovative solutions in the field of personalized healthcare.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b> Češková E, Šilhán P. From Personalized Medicine to Precision Psychiatry? <i>Neuropsychiatr Dis Treat.</i> 2021 Dec 14;17:3663-3668. doi: 10.2147/NDT.S337814. PMID: 34934319; PMCID: PMC8684413. Scala JJ, Ganz AB, Snyder MP. Precision Medicine Approaches to Mental Health Care. <i>Physiology (Bethesda).</i> 2023 Mar 1;38(2):0. doi: 10.1152/physiol.00013.2022. Epub 2022 Sep 13. PMID: 36099270; PMCID: PMC9870582.	

VALLÉE, A.: Envisioning the Future of Personalized Medicine: Role and Realities of Digital Twins. Journal of Medical Internet Research, 2024, 26, e50204. DOI: 10.2196/50204. PMID: 38739913. PMCID: PMC11130780.

**Course language:**

Slovak, English

**Notes:**

hybrid

**Course assessment**

Total number of assessed students: 0

Ne	Pr
0.0	0.0

**Provides:** doc. MUDr. Aneta Bednářová, PhD.

**Date of last modification:** 02.04.2026

**Approved:** prof. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/PDS/16	<b>Course name:</b> Preparation of the thesis for dissertation examination
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> <p>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.</p> <p>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.</p>	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 153	
abs	neabs
100.0	0.0

<b>Provides:</b>
<b>Date of last modification:</b> 23.03.2022
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/LPC/22	<b>Course name:</b> Prevention and treatment activities (per semester)
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Performing medical-preventive activities at the Faculty of Medicine (per semester). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Doctoral students involved in the treatment and prevention of patients in a hospital or outpatient clinic transfer and integrate knowledge from their own field of study / study program into work with patients.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 401	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> 2. PK/ PaPM/25	<b>Course name:</b> Psychoneurobiology and psychosomatic medicine
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Seminar <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Students will receive an individual or group assignment in the field of psychoneurobiology and psychosomatic medicine research, which requires a systematic study of current scientific publications (especially impact journals), a critical assessment of the current state of knowledge and identification of research gaps. The work includes: <ul style="list-style-type: none"> <li>• active participation in seminars and professional discussions,</li> <li>• ongoing presentation of partial outputs,</li> <li>• preparation of a final seminar paper in the scope corresponding to the PhD study,</li> <li>• defense of the work in the form of a professional presentation with discussion.</li> </ul> Emphasis is placed on an interdisciplinary approach, the connection of neurobiological mechanisms with psychological and somatic processes, as well as on the application of knowledge in clinical practice and research. Interim assessment (50%): study and preparation of materials Final assessment (50%): processing of the seminar paper	
<b>Learning outcomes:</b> The ambition of the seminars is to provide doctoral students with deeper knowledge of current trends in research in psychoneurobiology and psychosomatic medicine, with a focus on the connection between the nervous, endocrine and immune systems in the context of health and disease. Students will acquire the ability to critically analyze and synthesize scientific knowledge in the field of relationships between psychological processes and physical health, identify research gaps and formulate relevant research questions. They will develop the competencies necessary for: <ul style="list-style-type: none"> <li>• application of interdisciplinary approaches in the study of psychosomatic phenomena,</li> <li>• interpretation of empirical data in the context of biological and psychological mechanisms,</li> <li>• design and evaluation of scientifically based interventions in the field of health promotion and disease treatment.</li> </ul> Emphasis is placed on connecting theoretical knowledge with research and clinical practice, as well as on the development of independent scientific thinking.	

**Brief outline of the course:**

1. Psychoneurobiological mechanisms of organism regulation
2. Neuroendocrine and immune processes in the context of health and disease
3. Stress and its biological correlates (HPA axis, autonomic nervous system)
4. Psychoneuroimmunology and its importance for the origin and course of diseases
5. Psychosomatic relationships between the psyche and physical diseases
6. The influence of emotions and cognitive processes on physical health
7. Psychological and behavioral interventions in psychosomatic medicine

**Recommended literature:**

ADER, Robert, ed. Psychoneuroimmunology. 4th ed. Amsterdam: Elsevier Academic Press, 2007. ISBN 978-0120885763.

BAŠTECKÁ, Bohumila, ed. Psychosomatická medicína. Praha: Grada, 2013. ISBN 978-8024743060.

HONZÁK, Radkin. Psychosomatická prvouka. Praha: Vyšehrad, 2017. ISBN 978-8074297908.

**Course language:**

Slovak, English

**Notes:**

hybrid

**Course assessment**

Total number of assessed students: 0

Ne	Pr
0.0	0.0

**Provides:** doc. MUDr. Aneta Bednářová, PhD.

**Date of last modification:** 02.04.2026

**Approved:** prof. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UPZMV/MVaS/22	<b>Course name:</b> Research Methodology and Statistics
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Seminar <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> 1. Online test after each lecture 2. Problem learning after each block of lectures	
<b>Learning outcomes:</b> Introduction to basic methods of epidemiological and clinical studies and mastering their application in biomedical research. Gaining theoretical knowledge in biomedical statistics and improving their practical use.	
<b>Brief outline of the course:</b> First block of lectures / problem learning PU1: research protocol 1. Guide to the course 2. Research process 3. Measurement of impact 4. Study design 5. Validity of the study 6. Questionnaire methods Second block of lectures / problem learning PU2: working with statistical software 7. Random variable 8. Hypothesis, testing 9. Introduction to work with statistical software 10. Univariate statistical methods I 11. Univariate statistical methods II Third block of lectures / problem learning PU3: statistical data analysis 12. Linear regression 13. Logistic regression 14. Mutual influences of variables, interaction 16. Randomized controlled trials - implementation 17. Randomized controlled trials - analyzes 18. Sensitivity and specificity	
<b>Recommended literature:</b>	

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 chování Academia 1972  
Claus , Ebner: Základy štatistiky pre psychologov, pedagogov a sociológov. Bratislava : SPN, 1988.

**Course language:**

slovak, english

**Notes:**

combined form of education

**Course assessment**

Total number of assessed students: 247

Ne	Pr
12.55	87.45

**Provides:** doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Peter Kolarčík, 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. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UPZMV/RZ/25	<b>Course name:</b> Resilience of healthcare professionals
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week: 2 Per study period: 28</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Students will receive assignments in the field of research on the resilience of healthcare professionals, requiring the study of available background materials, critical evaluation of the state of knowledge, and active participation in the form of preparation of a final seminar paper. Continuous assessment (50%): study and preparation of materials Final assessment (50%): processing of the seminar paper	
<b>Learning outcomes:</b> The ambition of the seminars is to provide knowledge and insights on the latest developments in selected areas of research aimed at understanding the factors and mechanisms that contribute to the promotion or deterioration of the resilience of healthcare professionals, as well as experimental verification of strategies and interventions aimed at promoting the resilience of healthcare professionals, and also to develop the capacity for critical evaluation of knowledge and the creation of interventions.	
<b>Brief outline of the course:</b> (1) Patient safety in healthcare provision, threatening incidents, patient safety and analysis of incidents threatening patient safety, (2) Psychohygiene, self-support and maintaining mental health at work, (3) Maintaining a healthy lifestyle, selected theories of behavior change and their use in the target behavioral group and prevention of burnout, (4) Healthy workplace, psychological safety, reporting events threatening patient safety, (5) Coping with psychologically demanding situations in healthcare provision, support for other victims, (6) Organization supporting the mental health of healthcare professionals, organizational culture, strategies for influencing organizational and team dynamics in the field of mental health prevention.	
<b>Recommended literature:</b> Morrison V., Bennet P.: Introduction to Health Psychology. Pearson Education Limited, Endinburgh, 2016. Dankulincová Z., Husárová D., Madarasová Gecková A., Kopčáková J.: Psychológia zdravia. ŠafárikPress, Košice, 2023	

<p>Mira J, Carillo I, Tella S, Vanhaecht K, Panella M, Seys D, Ungureanu M-I, Sousa P, Buttigieg SC, Vella-Bonanno P, Popovici G, Srulovici E, Guerra-Paiva S, Knezevic B, Lorenzo S, Lachman P, Ushiro S, Scott SD, Wu A and Strametz R (2024) The European Researchers' Network Working on Second Victim (ERNST) Policy Statement on the Second Victim Phenomenon for Increasing Patient Safety. Public Health Rev 45:1607175.  <a href="https://cost-ernst.eu/repository/">https://cost-ernst.eu/repository/</a></p>	
<p><b>Course language:</b> Slovak, English</p>	
<p><b>Notes:</b> hybrid</p>	
<p><b>Course assessment</b> Total number of assessed students: 0</p>	
Ne	Pr
0.0	0.0
<p><b>Provides:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.</p>	
<p><b>Date of last modification:</b> 02.04.2026</p>	
<p><b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.</p>	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/O-S-ZC/22	<b>Course name:</b> Responses to the scientific work in which the doctoral student is as a co-author - registered in a foreign scientific journal
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Responses to the scientific work in which the doctoral student is as a co-author - registered in a national scientific journal. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Gaining feedback in foreign journals demonstrates a broad and well-founded scientific knowledge at the international level in the field of research.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 10	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/O-S-DC/22	<b>Course name:</b> Responses to the scientific work in which the doctoral student is as a co-author - registered in a national scientific journal
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 3	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Responses to the scientific work in which the doctoral student is as a co-author - registered in a national scientific journal. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Gaining feedback in domestic journals demonstrates well-founded and accepted scientific knowledge at the national level in the field of research.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 2	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/O-S-SCI/ Scopus/22	<b>Course name:</b> Responses to the scientific work in which the doctoral student is as a co-author - registered in databases SCI or Scopus
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Responses to the scientific work in which the doctoral student is as a co-author - registered in databases SCI or Scopus. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Gaining SCI/Scopus feedback demonstrates broad and well-founded scientific knowledge in the field. At the same time, citation in an indexed source demonstrates the competence to communicate new knowledge at the highest expert level and points to the international importance of the cited research.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 107	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/O-1.-ZC/22	<b>Course name:</b> Responses to the scientific work in which the doctoral student is as the 1st author - registered in a foreign scientific journal
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Responses to the scientific work in which the doctoral student is as the 1st author - registered in a foreign scientific journal. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Gaining feedback in foreign journals demonstrates a broad and well-founded scientific knowledge at the international level in the field of research.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 13	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/O-1.-DC/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
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Responses to the scientific work in which the doctoral student is as the 1st author - registered in a national scientific journal. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Gaining feedback in domestic journals demonstrates well-founded and accepted scientific knowledge at the national level in the field of research.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 5	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/O-1.-SCI/ 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
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 20	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Responses to the scientific work in which the doctoral student is as the 1st author - registered in databases SCI or Scopus. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Gaining SCI/Scopus feedback demonstrates broad and well-founded scientific knowledge in the field. At the same time, citation in an indexed source demonstrates the competence to communicate new knowledge at the highest expert level and points to the international importance of the cited research.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 53	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/OP-ZP/22	<b>Course name:</b> Review of bachelor thesis
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 3	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Review of bachelor thesis. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By elaborating the report, the doctoral student demonstrates the ability to use scientific knowledge and experience from scientific research activities in the relevant field of study/study program. It declares the competence that professional problem and its proposal solutions to critically assess, evaluate, or propose other solutions.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 29	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 24.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UPZMV/ VKaMVP_LP/25	<b>Course name:</b> Scientific communication and research project management
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Seminar <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> It is awarded on the basis of taking into account recorded lectures and solving assigned tasks in problem-based learning.	
<b>Learning outcomes:</b> Get acquainted with the principles of scientific communication and develop the skills of scientific work.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b> 1. International Committee of Medical Journal Editors: Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication. April 2010, www.icmje.org 2. Jacinto T, et al. How to write a scientific paper - Searching and Managing Biomedical information. Rev Port Pneumol. 2011. doi:10.1016/j.rppneu.2011.05.005 3. Bahna SL, McLarty JW. Data presentation. Ann Allergy Asthma Immunol. 2009 Oct;103(4 Suppl 1):S15-21 4. Azevedo LF et al: How write a scientific paper - Writing the methods section. Revista portuguesa de pneumologia 08/2011; DOI: 10.1016/j.rppneu.2011.06.014	
<b>Course language:</b> Slovak, English	
<b>Notes:</b> hybrid	
<b>Course assessment</b> Total number of assessed students: 0	
Ne	Pr
0.0	0.0

**Provides:** Ing. Lucia Bosáková, PhD., univerzitný docent, doc. Mgr. Zuzana Dankulincová, PhD., doc. Mgr. Daniela Fiľakovská, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD.

**Date of last modification:** 02.04.2026

**Approved:** prof. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-MONO- IV/22	<b>Course name:</b> Scientific work as a monograph, published in another publisher
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 20	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Scientific work as a monograph, published in another publisher. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a monograph, the doctoral student demonstrates a high degree of ability to identify, evaluate, correctly apply scientific knowledge and research methods. The doctoral student demonstrates the competence to use existing theories and concepts in an innovative way, as well as to generate new original scientific knowledge, which he publishes in the monograph (usually in a foreign language) in accordance with the set quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 15	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-MONO/22	<b>Course name:</b> Scientific work as a monograph, published in • publishers Elsevier, Springer, WileyBlackwell or Taylor & Francis
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 40	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Scientific work as a monograph, published in publishers Elsevier, Springer, WileyBlackwell or Taylor & Francis. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a monograph, the doctoral student demonstrates a high degree of ability to identify, evaluate, correctly apply scientific knowledge and research methods. The doctoral student demonstrates the competence to use existing theories and concepts in an innovative way, as well as to generate new original scientific knowledge, which he publishes in the monograph (usually in a foreign language) in accordance with the set quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 4	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-ZC-S/22	<b>Course name:</b> Scientific work published in a foreign journal as a co-author
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Scientific work published in a foreign journal as a co-author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific paper in a foreign journal, the doctoral student demonstrates a high degree of ability to identify, evaluate, and correctly apply scientific knowledge and research methods. Demonstrates competence in innovative ways to use existing theories and concepts, as well as the ability to generate new original scientific knowledge, which he publishes in foreign peer-reviewed (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 59	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-ZC-1./22	<b>Course name:</b> Scientific work published in a foreign journal as the 1st author
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 15	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Scientific work published in a foreign journal as the 1st author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific paper in a foreign journal, the doctoral student demonstrates a high degree of ability to identify, evaluate, and correctly apply scientific knowledge and research methods. Demonstrates competence in innovative ways to use existing theories and concepts, as well as the ability to generate new original scientific knowledge, which he publishes in foreign peer-reviewed (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 16	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-NC-S/22	<b>Course name:</b> Scientific work published in an unreviewed foreign or national proceeding as a co-author
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 3	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Scientific work published in an unreviewed foreign or national proceedingm PhD. student - a co-author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific paper in a non-peer-reviewed foreign or domestic proceedings, the doctoral student demonstrates the ability to identify, evaluate and apply scientific knowledge. Demonstrates competence to use existing theories and concepts, as well as the ability to generate new knowledge, which he publishes in domestic or foreign non-peer-reviewed proceedings by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 27	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-NC-1./22	<b>Course name:</b> Scientific work published in an unreviewed foreign or national proceeding as the 1st author
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 6	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Scientific work published in an unreviewed foreign or national proceedingm PhD. student - the 1st author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific paper in a non-peer-reviewed foreign or domestic proceedings, the doctoral student demonstrates the ability to identify, evaluate and apply scientific knowledge. Demonstrates competence to use existing theories and concepts, as well as the ability to generate new knowledge, which he publishes in domestic or foreign non-peer-reviewed proceedings by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 20	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> 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
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 5	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as a co-author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific paper in a domestic journal or in a peer-reviewed foreign or domestic proceedings, the doctoral student demonstrates the ability to identify, evaluate, and correctly apply scientific knowledge and research methods. Demonstrates competence to use existing theories and concepts, as well as the ability to generate scientific knowledge, which he publishes in domestic peer-reviewed journals or domestic or foreign peer-reviewed proceedings (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 182	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-DC-1./22	<b>Course name:</b> Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as the 1st author
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as the 1st author. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific paper in a domestic journal or in a peer-reviewed foreign or domestic proceedings, the doctoral student demonstrates the ability to identify, evaluate, and correctly apply scientific knowledge and research methods. Demonstrates competence to use existing theories and concepts, as well as the ability to generate scientific knowledge, which he publishes in domestic peer-reviewed journals or domestic or foreign peer-reviewed proceedings (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 153	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-S-Q1/22	<b>Course name:</b> Scientific work published in the journal registered in the WoS/Scopus databases - as a co-author in the journal which is included in category Q1
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 30	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> PhD. student - co-author in the journal which is included in category Q1 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 57	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-S-Q2/22	<b>Course name:</b> Scientific work published in the journal registered in the WoS/Scopus databases - as a co-author in the journal which is included in category Q2
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 20	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> PhD. student - co-author in the journal which is included in category Q2 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 49	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-S-Q3/22	<b>Course name:</b> Scientific work published in the journal registered in the WoS/Scopus databases - as a co-author in the journal which is included in category Q3
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 15	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> PhD. student - co-author in the journal which is included in category Q3 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 44	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-S-Q4/22	<b>Course name:</b> Scientific work published in the journal registered in the WoS/Scopus databases - as a co-author in the journal which is included in category Q4
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> PhD. student - co-author in the journal which is included in category Q4 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 26	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-1.-Q1/22	<b>Course name:</b> Scientific work published in the journal registered in the WoS/Scopus databases - as the 1st author in the journal which is included in category Q1
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 40	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> PhD. student - 1st author in the journal which is included in category Q1 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 29	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-1.-Q2/22	<b>Course name:</b> Scientific work published in the journal registered in the WoS/Scopus databases - as the 1st author in the journal which is included in category Q2
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 30	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> PhD. student - 1st author in the journal which is included in category Q2 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 15	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-1.-Q3/22	<b>Course name:</b> Scientific work published in the journal registered in the WoS/Scopus databases - as the 1st author in the journal which is included in category Q3
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 25	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> PhD. student - 1st author in the journal which is included in category Q3 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 9	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/VP-1.-Q4/22	<b>Course name:</b> Scientific work published in the journal registered in the WoS/Scopus databases - as the 1st author in the journal which is included in category Q4
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> PhD. student - 1st author in the journal which is included in category Q4 (according SJR or JCR). The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By publishing a scientific work in journals registered in reputable databases (WoS, Scopus), the doctoral student demonstrates a high degree of ability to identify, evaluate, correct apply the scientific knowledge and use research methodology. Ph.D. student demonstrates competence to use existing theories and concepts in an innovative way, as well as the ability to generate new original scientific knowledge, which he/she publishes in renowned journals (usually in a foreign language) by adhering to established quality and ethical standards.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 9	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/JSD/14	<b>Course name:</b> Spring School for PhD Students
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 4d <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 2	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b>	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 70	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/ODP/16	<b>Course name:</b> Submission of dissertation thesis for defense
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 10	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> The PhD student can apply for the defense of the dissertation for the relevant paper of the Rectorate or the Dean's Office, if the study program takes place at the faculty, if he has obtained at least 210 credits, if the study in the daily form is four years old and an external five years old, without including the credits for the dissertation defense. The application is submitted no later than 3 months before the scheduled completion of his PhD. 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.	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 116	
abs	neabs
100.0	0.0
<b>Provides:</b>	

**Date of last modification:** 23.03.2022

**Approved:** prof. Mgr. Andrea Madarasová Gecková, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/V/K-ZP/22	<b>Course name:</b> Supervision of bachelor thesis
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 8	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Supervision of bachelor thesis. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> By supervising the bachelor thesis, the doctoral student demonstrates the ability to use scientific knowledge and methods (e.g. laboratory, statistic) acquired by studying in the relevant field of study/study program. Can critically assess a professional problem and proposed solutions, evaluate it, or suggest other solutions. At the same time, it demonstrates the ability to transfer the acquired knowledge and skills.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 44	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 24.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/PC/22	<b>Course name:</b> The direct pedagogical activity
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 2	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> The pedagogical activity of a doctoral student or other related professional activity in the range of up to four hours per week on average per academic year. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> Through pedagogical activities, the doctoral student demonstrates the ability to transfer and integrate knowledge from their own field of study/study program into education. Is able to design and implement part of the educational process (e.g. practical exercises, including the evaluation of partial results) in accordance with current trends in higher education. He is able to select and apply the right techniques and strategies of study group management in accordance with the requirements for the level of communication and digital competencies.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 366	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/OVK/22	<b>Course name:</b> Work in the conference organizing committee
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of ECTS credits:</b> 3	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> III.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Work in the conference organizing committee. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
<b>Learning outcomes:</b> The doctoral student working in the organizing committee of the conference demonstrates the ability of teamwork in the preparation of a scientific or professional event. It declares the competence to manage the implementation of the event in terms of time and content, to communicate effectively in words and writing as needed in a foreign language at a professional level with different types of people. He/she can use various technical means, recommend and propose solutions and, if necessary, make independent decisions.	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b>	
<b>Course language:</b> english, slovak	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 42	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. Mgr. Andrea Madarasová Gecková, PhD.	