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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: 110	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 69	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 84	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 107	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 15	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 16	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 11	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 395					
N	NNe	NU	NeO	O	P
0.0	0.0	1.52	0.0	86.58	11.9

<b>Provides:</b>
<b>Date of last modification:</b> 23.03.2022
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 634	
N	P
0.16	99.84
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UE/ EPID-EICH/22	<b>Course name:</b> Epidemiology of Infectious Diseases
<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> elaboration of seminar work exam	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b> Epidemiology of infectious diseases. Characteristics of pathogenic microorganisms. Sources of infection. Way of transmission.. Classification of infectious diseases and basic characteristics of their main groups. Nosocomial infections. Epidemiological, health and economic aspects of nosocomial infections. Principles of infectious disease control. Reporting of infectious diseases. Quarantine, isolation. Preventive measures. Specific prophylaxis.	
<b>Recommended literature:</b> Celentano D. et al.: Gordis Epidemiology. 6th Edition. Elsevier, 2019, 420 p. American Academy of Pediatrics. Kimberlin D.W. et al. Red Book: 2021 Report of the Committee on Infectious Diseases. 32nd edition. Itasca, IL, USA, 2021 Bakoss P. a kol.: Epidemiológia, UK, Bratislava, 2014. Bazovská S. a kol.: Špeciálna epidemiológia, UK Bratislava, 2017. Bražinová A.: Epidemiologické metódy a ich uplatnenie v epidemiológii vybraných ochorení, UK LF, Bratislava, 2021. Janout V a kol.: Medicína založená na dukazu a klinická epidemiologie. Grada Publishing, a.s. 2021, 199 s	
<b>Course language:</b> slovak, english	
<b>Notes:</b>	

<b>Course assessment</b>	
Total number of assessed students: 5	
Ne	Pr
0.0	100.0
<b>Provides:</b> prof. MVDr. Monika Halánová, PhD., MUDr. Zuzana Kalinová, PhD., doc. MUDr. Ingrid Urbančíková, PhD., MPH, prof. MUDr. Pavol Kristian, PhD.	
<b>Date of last modification:</b> 29.04.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UE/ EPID-ENICH/22	<b>Course name:</b> Epidemiology of non-infectious diseases
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <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> elaboration of seminar work exam	
<b>Learning outcomes:</b> The aim is to acquire theoretical knowledge and skills in the use of scientific methods in the general field and the special epidemiology of non-communicable diseases. Gain knowledge about the incidence of diseases and health-related conditions, knowledge about the identification of health determinants in defined populations. Gain knowledge about the application of study results to disease control. Define prevention programs, evaluate their implementation in practice and the impact on the health of the population.	
<b>Brief outline of the course:</b> Epidemiology of chronic (civilization) diseases, especially cardiovascular, cancer, chronic respiratory diseases, diabetes and others. Exposure and dose. Exposure and health effects. Determination of exposure. Preventive measures. Screening programs. Clinical epidemiology. Diagnostic tests. Treatment effectiveness. Prevention in clinical practice - primary, secondary, tertiary.	
<b>Recommended literature:</b> Celentano D. et al.: Gordis Epidemiology. 6th Edition. Elsevier, 2019, 420 p. Bakoss P. a kol.: Epidemiológia, UK, Bratislava, 2014. Bazovská S. a kol.: Špeciálna epidemiológia, UK Bratislava, 2017. Bražinová A.: Epidemiologické metódy a ich uplatnenie v epidemiológii vybraných ochorení, UK LF, Bratislava, 2021. Janout V a kol.: Medicína založená na dukazu a klinická epidemiologie. Grada Publishing, a.s. 2021, 199 s.	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>	
Total number of assessed students: 5	
Ne	Pr
0.0	100.0
<b>Provides:</b> prof. MVDr. Monika Halánová, PhD., doc. MUDr. Ingrid Urbančíková, PhD., MPH, MUDr. Zuzana Kalinová, PhD.	
<b>Date of last modification:</b> 29.04.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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-VK/22	<b>Course name:</b> Health Psychology - selected chapters
<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 / 1 <b>Per study period:</b> 14 / 14 <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 health psychology research, requiring the study of available background materials, critical evaluation of the state of knowledge and active involvement in the form of preparation of the final seminar work. Interim evaluation (50%): study of materials Final evaluation (50%): elaboration of seminar work	
<b>Learning outcomes:</b> The ambition of the seminars is to provide knowledge and insights on the latest developments in selected areas of health psychology research and to develop capacities for critical evaluation of knowledge and the creation of interventions.	
<b>Brief outline of the course:</b> <ol style="list-style-type: none"> <li>1. Health-related attitudes and behaviors.</li> <li>2. Public health and health promotion.</li> <li>3. Vulnerable groups and health, health inequalities.</li> <li>4. Stress, health and illness.</li> <li>5. Management of chronic disease, patient's perspective.</li> <li>6. Psychological interventions in chronically ill patients.</li> <li>7. Social support, carers and health.</li> <li>8. Improving health services, adherence, patient safety.</li> </ol>	
<b>Recommended literature:</b> Val Morrison & Paul Bennet (2016). Introduction to Health Psychology, 4th edition. Pearson Education Limited, Endinburgh.	
<b>Course language:</b> Slovak, English	
<b>Notes:</b> hybrid form	

<b>Course assessment</b>	
Total number of assessed students: 5	
Ne	Pr
20.0	80.0
<b>Provides:</b> doc. Mgr. Zuzana Dankulincová, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD.	
<b>Date of last modification:</b> 03.03.2023	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 198	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> KICM/MSVICH/22	<b>Course name:</b> Infectious diseases emergencies
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <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 participation in seminars, passing the final oral examination.	
<b>Learning outcomes:</b> Acquisition of theoretical knowledge on emergencies with public health impact. Attention is focused on diseases with a high epidemiological risk. The graduate is able to apply epidemiological regimes according to BioSafety Level I-IV in peacetime as well as in wartime conditions, possibly during a bioterrorist attack.	
<b>Brief outline of the course:</b> <ul style="list-style-type: none"> <li>- Public health emergencies caused by biological agents</li> <li>- Epidemiological emergencies, their course, reporting</li> <li>- Provision of public health measures in emergency situations (management, cooperation, interoperability, communication)</li> <li>- Methods of laboratory diagnosis, principles of treatment, management of mass casualties</li> <li>- Prevention, principles of individual and population protection, pandemic plans</li> <li>- Combating bioterrorism, Counter-terrorism organisations</li> <li>- Rapid alert system for the population and in the epidemiological information system</li> <li>- Cooperation within EU countries</li> </ul>	
<b>Recommended literature:</b> <ul style="list-style-type: none"> <li>- Klement, C., a kol.: Mimoriadne udalosti vo verejnom zdravotníctve, 2011</li> <li>- Klement, C., a kol.: Biologické a chemické zbrane – pripravenosť a odpoveď, B.Bystrica, 2013</li> <li>- Rovný, I., a kol.: Vybrané kapitoly verejného zdravotníctva I, Bratislava 2011</li> <li>- Rovný, I., a kol.: Vybrané kapitoly verejného zdravotníctva II, Bratislava 2013</li> <li>- Juriš, P., Jarčuška, P., a kol.: Infektológia a vyšetrovacie metódy používané vo verejnom zdravotníctve, Košice, 2009</li> <li>- Liptáková A., a kol.: Lekárska mikrobiológia, Bratislava, Herba, 2019, 952s. ISBN 978-80-8963-191-9</li> </ul>	
<b>Course language:</b> Slovak, English	
<b>Notes:</b>	

<b>Course assessment</b>	
Total number of assessed students: 5	
Ne	Pr
0.0	100.0
<b>Provides:</b> Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., prof. MUDr. Pavol Kristian, PhD.	
<b>Date of last modification:</b> 10.10.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> KICM/I-VK/22	<b>Course name:</b> Infectology - slected chapters
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 <b>Per study period:</b> 14 <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> It is awarded on the basis of active participation in seminars and passing the final oral examination.	
<b>Learning outcomes:</b> Acquisition of theoretical and practical knowledge of etiopathogenesis, clinical course, current diagnostic procedures, differential diagnosis and general principles of prevention of infectious diseases. Special attention is paid to new infectious diseases.	
<b>Brief outline of the course:</b> General part: - Characteristics of infectious diseases - Pathogenesis of infectious diseases - Changes in the human organism during infection - Clinical manifestations of infectious diseases - Diagnosis of infectious diseases - Epidemiological, travel and vaccination history - Treatment of infectious diseases - Preventive and prophylactic measures in the event of infectious diseases Selected chapters in special infectology: - Emphasis will be placed on selected infections related to the doctoral student's dissertation topic	
<b>Recommended literature:</b> - Bálint, O., a kol.: Infektológia a antiinfekčná terapia. 2.prepracované a doplnené vydanie, Martin, Osveta, 2007, 590s. ISBN 80-8063-222-7 - Beneš, J. Infekční lékařství, Praha, Galén, 2009, 650s. ISBN 978-80-7262-622-1 - Liptáková A., a kol.: Lekárska mikrobiológia, Bratislava, Herba, 2019, 952s. ISBN 978-80-8963-191-9	
<b>Course language:</b> Slovak, English	
<b>Notes:</b>	

<b>Course assessment</b>	
Total number of assessed students: 5	
Ne	Pr
0.0	100.0
<b>Provides:</b> Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., prof. MUDr. Pavol Kristian, PhD.	
<b>Date of last modification:</b> 10.10.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 8	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 32	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 87	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ULM/ MikroB/22	<b>Course name:</b> Microbiology
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 <b>Per study period:</b> 14 <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> elaboration of seminar work exam	
<b>Learning outcomes:</b> Extension of knowledge from general and special medical microbiology.	
<b>Brief outline of the course:</b> General bacteriology, virology, parasitology. Study of virulence factors in selected microorganisms. A more detailed study of selected pathogens according to the focus of the doctoral thesis	
<b>Recommended literature:</b> Liptáková a kol.: Lekárska mikrobiológia. Herba Bratislava, 2019, Votava - Lékařská mikrobiologie obecná, 2001. Votava - Lékařská mikrobiologie speciální, 2003. Murray, Rosenthal, Pfaller: Medical Microbiology, 2012 Najnovšie odborné články k riešenej problematike.	
<b>Course language:</b> Slovak, English	
<b>Notes:</b>	
<b>Course assessment</b> Total number of assessed students: 1	
Ne	Pr
0.0	100.0
<b>Provides:</b> Dr.h.c. prof. MUDr. Leonard Siegfried, CSc.	
<b>Date of last modification:</b> 02.05.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 7	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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> The dissertation examination is a state examination and is public. The PhD student submits the application for the dissertation examination through AiS2 in the time up to 24 months from the beginning of the study, depending on the standard length of studies, the PhD student in external form at the latest within three years from the beginning of the studies, the PhD student is obliged to submit, together with the application for the dissertation examination, a written work prepared for the dissertation examination. All information about the doctoral study is specified on the faculty's website in the Doctoral Study section, including the conditions of completion, which are detailed in the State Examinations section. Students will find here all the necessary information, forms and documents, including information on the formal side of the dissertation, which are in accordance with Directive No. 1/2011 on the basic requirements of final theses and the PhD Study Regulations at UPJŠ in Košice. The submitted work must be in accordance with the Rector's Decision No. 5/2021, issuing the principles of good practice of scientific publication at UPJŠ in Košice and its parts, Rector's Decision No. 21/2021, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its parts, Rector's Decision No. 2/2022 which issues the principles of good research practice at UPJŠ in Košice and its parts.	
<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: 121	
abs	neabs
100.0	0.0

<b>Provides:</b>
<b>Date of last modification:</b> 23.03.2022
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 237	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UVZH/ VZ-VK-EPID/22	<b>Course name:</b> Public health - selected chapters
<b>Course type, scope and the method:</b> <b>Course type:</b> Seminar <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <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> solving assigned tasks, preparation of a seminar paper, exam	
<b>Learning outcomes:</b> The aim of the course is to enable PhD students to understand the relationship between the current dynamically changing conditions of living, social and working environment and the emergence of chronic non-infectious diseases. Upon completion of the course, students will have a basic understanding of the prevalence of risk factors and chronic non-infectious diseases. On the basis of their own research and research using appropriately chosen methodological procedures, students are able to formulate conclusions and on their basis make proposals for solving the identified problems in the field of detection of etiological risk factors of diseases and evidence usable in the prevention and diagnosis of chronic non-infectious diseases of non-infectious type.	
<b>Brief outline of the course:</b> Globalisation and changes in the incidence of diseases: - Globalisation and changes in the incidence of non-communicable diseases. The relationship between environment and health - global public health initiatives. The position of public health in society: - definition of public health and public health care - background of public health in Slovakia and the European Union - objectives, priorities and basic functions, planning, implementation, control, public participation. The activities of the PHS in the field of employee health surveillance and the principles of occupational health protection and health promotion: - objectives of medical examinations of employees, types of examinations. Dynamics of health monitoring with regard to risk factors in the working environment - assessment of health status and fitness for work - biological monitoring of exposure - individual information of workers on the results of their health status and fitness for work - occupational health and safety - occupational health services - role of public health protection bodies. Occupational diseases: - list of occupational diseases in the Slovak Republic, comparison within the EU - compulsory reporting of occupational diseases. Intervention and treatment of tobacco dependence: - diagnostic and therapeutic procedure - smoking cessation counselling. Socio-economic aspects of public health in developing countries: distribution and characteristics of countries according to economic development. Importance of climate change, possible risks. Population intervention projects: - characteristics, areas - planning and design of intervention projects (baseline analysis, goal setting, project strategy and implementation) - evaluation of intervention projects (population intervention	



<p>impact, economic evaluation). Current public health challenges and health policy and VZ. Global strategies for human health and the environment: - preconditions for environmental health - healthy and productive life in harmony with nature - the most important elements of the environment and human health.</p>	
<p><b>Recommended literature:</b>          Ševčíková Ľ. a kol.: Hygiena. UK, Bratislava 2006, 328 s.          Jurkovičová J. a kol.: Praktické cvičenia z hygieny. Bratislava 2005, 243 s.          Ághová Ľ. a kol.: Hygiena. Osveta, Martin 1993, 200 s.          Rimárová K.: Environmental medicine – hygiene. Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2006. - 148 s. - ISBN 80-7097-646-2.          Diabelková Jana. Stručný online prehľad základných pojmov a skratiek v Hygiene a vo Verejnom zdravotníctve : [elektronický zdroj]. Vysokoškolský učebný text. 1. vyd. Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2020. 172 s. Dostupné na: <a href="https://unibook.upjs.sk/img/cms/2020/lf/strucny-online-prehľad-skratiek.pdf">https://unibook.upjs.sk/img/cms/2020/lf/strucny-online-prehľad-skratiek.pdf</a></p>	
<p><b>Course language:</b>          Slovak, English</p>	
<p><b>Notes:</b></p>	
<p><b>Course assessment</b>          Total number of assessed students: 2</p>	
Ne	Pr
0.0	100.0
<p><b>Provides:</b> prof. MUDr. Kvetoslava Rimárová, CSc.</p>	
<p><b>Date of last modification:</b> 10.10.2022</p>	
<p><b>Approved:</b> prof. MVDr. Monika Halánová, PhD.</p>	

## 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.	
<b>Course language:</b> slovak, english	
<b>Notes:</b> combined form of education	
<b>Course assessment</b> Total number of assessed students: 183	
Ne	Pr
13.11	86.89
<b>Provides:</b> 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.	
<b>Date of last modification:</b> 13.05.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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-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: 3	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 0	
abs	neabs
0.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 26	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 6	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 4	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 18	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 19	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 24.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UPZMV/ VKMVP/22	<b>Course name:</b> Scientific communication and research projects 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 / 1 <b>Per study period:</b> 14 / 14 <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> 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> <ul style="list-style-type: none"> <li>- Research projects, their preparation and management.</li> <li>- Logistics of field data collection.</li> <li>- Legal aspects of medical research.</li> <li>- Ethical aspects of research studies. Ethics Committee Financial and administrative management research projects.</li> <li>- Literature search, work with literary databases, literary review.</li> <li>- Structure of scientific work. Publishing process, communication with scientific journals.</li> <li>- Presentation of scientific results (poster, lecture, press release).</li> <li>- Review of scientific work.</li> </ul>	
<b>Recommended literature:</b> <ol style="list-style-type: none"> <li>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</li> <li>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</li> <li>3. Bahna SL, McLarty JW. Data presentation. Ann Allergy Asthma Immunol. 2009 Oct;103(4 Suppl 1):S15-21</li> <li>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</li> </ol>	
<b>Course language:</b> Slovak, English	

<b>Notes:</b> hybrid form	
<b>Course assessment</b> Total number of assessed students: 35	
Ne	Pr
0.0	100.0
<b>Provides:</b> doc. Mgr. Zuzana Dankulincová, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD., Ing. Lucia Bosáková, PhD., univerzitný docent, PhDr. Ivana Mészáros Skoumalová, PhD., Mgr. Daniela Fiľakovská, PhD., Mgr. Daniela Husárová, PhD., Mgr. Peter Kolarčík, PhD., Mgr. Jaroslava Kopčáková, PhD.	
<b>Date of last modification:</b> 16.05.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 9	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 2	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 36	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 10	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 19	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 13	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 86	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 80	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 23	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 20	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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/Scopusus 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: 28	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 16	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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/Scopusus 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: 21	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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/Scopusus 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: 7	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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/Scopusus 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: 5	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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/Scopusus 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: 3	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 63	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 93	
abs	neabs
100.0	0.0
<b>Provides:</b>	

<b>Date of last modification:</b> 23.03.2022
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 34	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 24.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, 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: 221	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UE/ VAKCIN/22	<b>Course name:</b> Vaccinology
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <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> elaboration of seminar work exam	
<b>Learning outcomes:</b> Gaining theoretical knowledge about the principles of vaccination, implementation of mandatory, recommended and special vaccinations. The graduate will gain knowledge about the legislative conditions of vaccination and the creation of national immunization programs. They will be acquainted with the indications, contraindications of vaccination with emphasis on knowledge of immunogenicity, efficacy and safety of vaccines. Education focuses on the epidemiological aspects of the implementation of vaccination programs, on individual aspects of correct indications and contraindications with an impact on public health and the general population. The graduate will gain information about the importance of vaccination in travel medicine.	
<b>Brief outline of the course:</b> History and present of vaccinology. Characteristics of vaccines. Production and clinical trials of vaccines. Handling and proper administration of vaccines. Mandatory and recommended vaccinations for children and adolescents, for adults. Characteristics of individual vaccines used in the Slovak Republic and in the EU. Organization of vaccination in the conditions of the Slovak Republic. Epidemiological aspects of vaccination, public health and economic aspects of vaccination. Vaccination of at - risk groups. Emergency vaccination in outbreak. Pre and post-exposure prophylaxis. Contraindications to vaccination. Control of vaccination.	
<b>Recommended literature:</b> American Academy of Pediatrics. Kimberlin D.W. et al. Red Book: 2021 Report of the Committee on Infectious Diseases. 32nd. edition. Itasca, IL, USA, 2021 Plotkin, S.A. et al.: Vaccines. Philadelphia, PA: Elsevier, 2018 Beran J, Havlík J, Vonka V. Očkování. Galén, Praha, 2005 Jeseňák M, Urbančíková I. Očkovanie v špeciálnych situáciách. 2.vydanie, Mladá fronta, Aeskulap, 2019 Vyhláška MZ SR č. 585/2008 Z.z. ,ktorou sa ustanovujú podrobnosti o prevencii a kontrole prenosných ochorení v znení neskorších predpisov	

Vyhláška MZ SR č.442/2019, ktorou sa mení a dopĺňa vyhláška MZ SR č. 585/2008 Z. z., ktorou sa ustanovujú podrobnosti o prevencii a kontrole prenosných ochorení v znení neskorších predpisov  
Zákon č. 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia

**Course language:**

slovak, english

**Notes:**

**Course assessment**

Total number of assessed students: 4

Ne	Pr
0.0	100.0

**Provides:** MUDr. Zuzana Kalinová, PhD., doc. MUDr. Ingrid Urbančíková, PhD., MPH, prof. MVDr. Monika Halánová, PhD.

**Date of last modification:** 29.04.2022

**Approved:** prof. MVDr. Monika Halánová, 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: 22	
abs	neabs
100.0	0.0
<b>Provides:</b>	
<b>Date of last modification:</b> 23.03.2022	
<b>Approved:</b> prof. MVDr. Monika Halánová, PhD.	