

CONTENT

1. Active presentation of results at a national conference with international participation.....	3
2. Active presentation of results at an international conference abroad.....	4
3. Active presentation of results at the national conference.....	5
4. Biochemistry of nutrition – selected chapters.....	6
5. Co-solver of a national project (VEGA, KEGA, APVV ...).....	8
6. Co-solver of an international project.....	9
7. Co-solver of internal grant (VVGs).....	10
8. Consultation of ŠVOČ.....	11
9. Defence of Doctoral Thesis.....	12
10. Dissertation examination.....	14
11. English Language for PhD Students of Faculty of Medicine.....	15
12. Environmental hygiene.....	17
13. Epidemiology - selected chapters.....	19
14. Food hygiene.....	21
15. Health Psychology - selected chapters.....	23
16. Individual study of scientific literature.....	25
17. Infectology.....	26
18. Internship abroad - more than 30 days.....	28
19. Internship abroad - of less than 30 days.....	29
20. Lecture on research seminar at the department or clinic.....	30
21. Microbiology.....	31
22. Obtaining an internal grant UPJŠ (VVGs) or scientific project for young researchers by Faculty of Medicine - as a responsible solver.....	32
23. Occupational Medicine and Toxicology.....	33
24. Preparation of the thesis for dissertation examination.....	35
25. Prevention and treatment activities (per semester).....	37
26. Public Health - selected chapters.....	38
27. Public health in a crisis situation.....	40
28. Research Methodology and Statistics.....	41
29. Responses to the scientific work in which the doctoral student is as a co-author - registered in a foreign scientific journal.....	43
30. Responses to the scientific work in which the doctoral student is as a co-author - registered in a national scientific journal.....	44
31. Responses to the scientific work in which the doctoral student is as a co-author - registered in databases SCI or Scopus.....	45
32. Responses to the scientific work in which the doctoral student is as the 1st author - registered in a foreign scientific journal.....	46
33. Responses to the scientific work in which the doctoral student is as the 1st author - registered in a national scientific journal.....	47
34. Responses to the scientific work in which the doctoral student is as the 1st author - registered in databases SCI or Scopus.....	48
35. Review of bachelor thesis.....	49
36. Scientific communication and research projects management.....	50
37. Scientific work as a monograph, published in another publisher.....	52
38. Scientific work as a monograph, published in • publishers Elsevier, Springer, WileyBlackwell or Taylor & Francis.....	53
39. Scientific work published in a foreign journal as a co-author.....	54
40. Scientific work published in a foreign journal as the 1st author.....	55

41. Scientific work published in an unreviewed foreign or national proceeding as a co-author.....	56
42. Scientific work published in an unreviewed foreign or national proceeding as the 1st author.....	57
43. Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as a co-author.....	58
44. Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as the 1st author.....	59
45. Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q1.....	60
46. Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q2.....	61
47. 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.....	62
48. Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q4.....	63
49. 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.....	64
50. 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.....	65
51. 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.....	66
52. 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.....	67
53. Social medicine.....	68
54. Submission of dissertation thesis for defense.....	70
55. Supervision of bachelor thesis.....	72
56. The direct pedagogical activity.....	73
57. Work in the conference organizing committee.....	74

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/APV-DK +Z/22	Course name: Active presentation of results at a national conference with international participation
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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).	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 39	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/APV-MK/22	Course name: Active presentation of results at an international conference abroad
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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).	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 33	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/APV-DK/22	Course name: Active presentation of results at the national conference
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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).	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 34	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULCHBKB/BV-VKd/22	Course name: Biochemistry of nutrition – selected chapters
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: seminars, solving of assigned tasks, exam; more details: https://www.upjs.sk/lekarska-fakulta/en/departament/medical-and-clinical-biochemistry/education/subjects/doctoral-study/	
Learning outcomes: The graduate will gain knowledge and will understand of human nutrition, including the importance of nutrition in disease prevention. He knows the process of digestion and resorption of essential nutrients, the importance of ballast substances in nutrition and the nutritional value of food. Students will get acquainted with the basics of proper nutrition, the specifics of artificial nutrition and alternative forms of diet. Graduates know the influence of nutrition on the emergence of diseases of civilization and get acquainted with nutrigenomics.	
Brief outline of the course: Introduction to human nutrition. Digestion, resorption and metabolism of essential nutrients. Ballast substances in nutrition and their relation to the intestinal microbiome. Nutritional value of food. Healthy nutrition and its contribution to reducing the risk of disease. The influence of nutrition on the emergence of diseases of civilization. Specifics of artificial nutrition and alternative forms of diet. Technological food processing. Nutrigenomics. More details: https://www.upjs.sk/lekarska-fakulta/en/departament/medical-and-clinical-biochemistry/education/subjects/doctoral-study/	
Recommended literature: Cox Ch.L.: Nutritional Biochemistry, CRC Press, 2015 Current scientific and professional publications	
Course language: english, slovak	
Notes:	

Course assessment	
Total number of assessed students: 1	
Ne	Pr
0.0	100.0
Provides: doc. Ing. Katarína Dubayová, PhD.	
Date of last modification: 17.02.2023	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/G-DP/22	Course name: Co-solver of a national project (VEGA, KEGA, APVV ...)
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 53	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/G-MP/22	Course name: Co-solver of an international project
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 10	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/G-UPJS- SR/22	Course name: Co-solver of internal grant (VVGS)
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 7	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/V-SVOC/22	Course name: Consultation of ŠVOČ
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 8	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 6	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: Dek. LF UPJŠ/ODZ/05		Course name: Defence of Doctoral Thesis			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 20					
Recommended semester/trimester of the course:					
Course level: III.					
Prerequisites:					
Conditions for course completion: All information about the doctoral study is specified on the faculty's website in the Doctoral Study section, including the conditions of completion, which are detailed in the State Examinations section. Students will find here all the necessary information, forms and documents, including information on the formal side of the dissertation, which are in accordance with Directive No. 1/2011 on the basic requirements of final theses and the PhD Study Regulations at UPJŠ in Košice. The submitted work must be in accordance with the Rector's Decision No. 5/2021, issuing the principles of good practice of scientific publication at UPJŠ in Košice and its parts, Rector's Decision No. 21/2021, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its parts, Rector's Decision No. 2/2022 which issues the principles of good research practice at UPJŠ in Košice and its parts.					
Learning outcomes: The dissertation has the character of a scientific work and the student demonstrates by this work extensive mastery of the theory and professional terminology from the field of study/study program, acquisition of knowledge, skills and competencies in accordance with the declared profile of the graduate, as well as the ability to apply them in an original way. The student demonstrates the ability of independent scientific work in terms of content, formal and ethical, and the ability to present and critically analyses obtained results.					
Brief outline of the course:					
Recommended literature:					
Course language: english, slovak					
Notes:					
Course assessment Total number of assessed students: 363					
N	NNe	NU	NeO	O	P
0.0	0.0	1.65	0.0	93.39	4.96

Provides:
Date of last modification: 23.03.2022
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/DZS/05	Course name: Dissertation examination
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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.	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 588	
N	P
0.17	99.83
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFAJD/05	Course name: English Language for PhD Students of Faculty of Medicine
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: completion of e-course English for PhD Students (lms.upjs.sk), consultations (1-3), written assignments - Professional/Academic CV, Short Academic Biography, test, Oral exam	
Learning outcomes: The development of students' language skills - reading, writing, listening, speaking; improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects; development of pragmatic competence - students acquire skills for effective and purposeful communication, with focus on Academic English and English for specific/professional purposes, level B2.	
Brief outline of the course: Specific aspects of academic and professional English with focus on vocabulary development (formality, academic word-list), English grammar (passive voice, nominalisation), language functions (expressing opinion, cause/effect, presenting arguments, giving examples, describing graphs/charts/schemes, writing Academic CV and short BIO, etc.). Cross-language interference. Academic communication (self-presentation, presenting at scientific meetings and conferences).	
Recommended literature: Moore, J.: Oxford Academic Vocabulary Practice. OUP, 2017. Kolaříková, Z., Petruňová, H., Tímková, R.: Angličtina v akademickom prostredí (cvičebnica). UPJŠ Košice, 2021. Tomaščíková, S., Rozenfeld, J. Developing Academic English in Speaking and Writing. Vydavateľstvo ŠafárikPress, 2021. McCarthy, M., O'Dell, F.: Academic Vocabulary in Use. CUP, 2008. Štěpánek, L., J. De Haaf a kol.: Academic English-Akademická angličtina. Grada Publishing, a.s., 2011. Armer, T.: Cambridge English for Scientists. CUP, 2011.	
Course language: English language, level B2, C1 according to CEFR	
Notes:	

Course assessment	
Total number of assessed students: 389	
Ne	Pr
0.0	100.0
Provides: Mgr. Zuzana Kolaříková, PhD.	
Date of last modification: 11.09.2023	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UVZH/ HZIP/22	Course name: Environmental hygiene
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: oral exam	
Learning outcomes: To provide students with basic knowledge and understanding of the patterns and relationships between changing environmental conditions and the human organism or population. After completing the course, students will be able to use the acquired theoretical knowledge and practical knowledge of the tasks and objectives of state health surveillance and assessment of the tasks and objectives of state health surveillance, or assessment of project documentation in practice by regional public health authorities.	
Brief outline of the course: 1. Hygiene and environmental monitoring 2. Open air hygiene, global atmospheric change and environmental health 3. Hydrosphere 4. Water availability and basic sanitation. Drinking water 4. Importance of water in relation to health, legislation 5. Water for bathing - artificial and relaxation pools. 6. NHS in facilities for relaxation. 7. Pedosphere. 8. Waste 9. Environmental noise , monitoring, legislation. 10. Hygiene issues in personal services, HSE. 11. Transport, environment and health. Environmental health and hygiene research and assessment of various health impacts. Basics of State Health Surveillance. State health surveillance in natural bathing. Noise. Hygiene of settlements. Housing and health, factors affecting the quality of the indoor environment, sick building syndrome. Natural and artificial radioactivity. Biological effects of ionising radiation. Principles and criteria of radiation protection. Radiation burden on the population. Hygiene requirements for mass accommodation (hostels, convalescent homes, tent camps). Hygiene issues in social service facilities. Hygienic issues in the field of burial, State health supervision in the field of burial. Basic indicators of water and air pollution. State health surveillance in recreation and sports facilities. Environmental quality, food quality, contaminants. Slovak Food Code.	
Recommended literature: HOLÉČZYOVÁ, G., ČIPÁKOVÁ, A, DIETZOVÁ, Z.: Hygiena životného prostredia, Košice, 2011, 202 s. DIABELKOVÁ, J.: 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: https://unibook.upjs.sk/img/cms/2020/lf/strucny-online-prehľad-skratiek.pdf	

Course language: Slovak, English	
Notes:	
Course assessment Total number of assessed students: 2	
Ne	Pr
0.0	100.0
Provides: prof. Mgr. MUDr. Erik Dorko, PhD., MPH, MBA	
Date of last modification: 13.03.2023	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UE/E-VK/VZ/22	Course name: Epidemiology - selected chapters
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: solution of assigned tasks, preparation of seminar work, exam	
Learning outcomes: The goal is to master theoretical knowledge and scientific methods in the field of general and special epidemiology, to gain knowledge about the occurrence and distribution of infectious and non-infectious diseases and health-related conditions as well as their determinants in defined populations, and to apply the results of these studies to control health problems (diseases) and evaluating the effectiveness of implemented measures. On the basis of his/her own research and research with the help of appropriately chosen methodological procedures, the student is able to formulate conclusions and, based on them, brings proposals for solving identified problems in the field of epidemiology of diseases and evidence that can be used in the prevention and diagnosis of diseases.	
Brief outline of the course: Epidemiology of infectious diseases – classification, basic characteristics of their main groups, general principles of combating infectious diseases. Epidemiology of non-communicable diseases. Epidemiological studies. Surveillance of infectious and non-infectious diseases. Evaluation of the validity of collected data on the occurrence of diseases. Epidemiology and evidence-based medicine. Screening in epidemiology. Use of methods in the epidemiology of selected diseases. Preventive measures and their effectiveness.	
Recommended literature: 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. Halánová M., Čisláková L.: Epidemiológia pre študentov verejného zdravotníctva, UPJŠ LF, Košice, 2012 Celentano D. et al. Gordis Epidemiology. 6th Ed. Elsevier, 2019, 420 p.	
Course language: slovak, english	

Notes:	
Course assessment	
Total number of assessed students: 4	
Ne	Pr
0.0	100.0
Provides: prof. MVDr. Monika Halánová, PhD., doc. MUDr. Ingrid Urbančíková, PhD., MPH	
Date of last modification: 28.02.2023	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UVZH/ HV/22	Course name: Food hygiene
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: exam	
Learning outcomes: Acquire knowledge and practical knowledge of the activities of the Department of Nutritional Hygiene - physiology of nutrition, physiological situations in which specific /personal / nutritional requirements are applied, the detection and evaluation of the nutritional status of the population of the Slovak Republic, diseases related to nutrition - excessive and insufficient, the enforcement of the principles of good nutrition and the education of the population to changes in dietary habits, the implementation of programs and projects resulting from the state nutrition policy.	
Brief outline of the course: Introduction to the subject. Nutrients represented in the diet, optimal dietary regimen, number and frequency of daily meals. Physiological, environmental and occupational factors related to nutritional needs. Objectification of positive and negative nutritional factors related to the principles of health protection, promotion and development. Hygienic issues in catering with regard to the nutritional value, sensory value and wholesomeness of the food served. Application and promotion of the principles of healthy nutrition, with a focus on changes in nutritional and dietetic food systems to reduce morbidity, mortality and increase the median age of the population. Incidence of diet-related non-communicable diseases. Educational and counselling activities with emphasis on influencing dietary habits and promoting good nutrition principles in the population. Monitoring of nutritional status, nutritional disorders and the incidence of non-communicable diseases in relation to nutrition. Promotion of society-wide programmes in the field of healthy nutrition.	
Recommended literature: Beňo I.: Náuka o výžive. Osveta Martin, 2003, 160 s. Müllerová D.: Zdravá výživa a prevence civilizačných nemocí ve schématech. Triron 2003, 104 s. Koncepcia odboru hygiena výživy č. 10181-2/2008-ŠT z 25.2.2008 Zákon č. 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia... Zákon č. 152/1995 Z. z. o potravinách... Potravinový kódex Slovenskej republiky Programy a projekty úradov verejného zdravotníctva SR Programové vyhlásenie vlády SR na úseku VZ na roky 2006-2010	
Course language:	

Slovak, English	
Notes:	
Course assessment	
Total number of assessed students: 1	
Ne	Pr
0.0	100.0
Provides: prof. MUDr. Kvetoslava Rimárová, CSc.	
Date of last modification: 10.10.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UPZMV/PZ-VK/22	Course name: Health Psychology - selected chapters
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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	
Learning outcomes: 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.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Health-related attitudes and behaviors. 2. Public health and health promotion. 3. Vulnerable groups and health, health inequalities. 4. Stress, health and illness. 5. Management of chronic disease, patient's perspective. 6. Psychological interventions in chronically ill patients. 7. Social support, carers and health. 8. Improving health services, adherence, patient safety. 	
Recommended literature: Val Morrison & Paul Bennet (2016). Introduction to Health Psychology, 4th edition. Pearson Education Limited, Endinburgh.	
Course language: Slovak, English	
Notes: hybrid form	

Course assessment	
Total number of assessed students: 1	
Ne	Pr
0.0	100.0
Provides: doc. Mgr. Zuzana Dankulincová, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD.	
Date of last modification: 03.03.2023	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/ISL/22	Course name: Individual study of scientific literature
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 86	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KICM/INF/22	Course name: Infectology
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: interview, exam	
Learning outcomes: Acquisition of knowledge about current diagnostic possibilities, differential diagnosis and treatment of infectious diseases and skills of their practical application.	
Brief outline of the course: - Etiopathogenesis of the infectious process. - Basics of epidemiology of infectious diseases and their clinical manifestation according to the etiological agent - Differential diagnosis of the main syndromes in infectious diseases. - Diagnostic procedures, basics of therapy of infectious diseases and possibilities of their prevention.	
Recommended literature: 1. Bálint, O. a kolektív: Infektológia a antiinfekčná terapia, Osveta spol.s.r.o., Martin 2007, 588 s. 2. Beneš J. a spol.: Infekční lékařství, Galén, Praha 2009, 651 s. 3. Šerý, V. Bálint, O.: Tropická a cestovní medicína, Medon s.r.o., Praha 1998, 569 s. 4. Schlossberg D: Clinical Infectious Disease, Cambridge University Press, 2008, 1549 s. 5. Mandell G. a kol., Principles and Practice of Infectious diseases 9th edition, Elsevier, 2019	
Course language: Slovak, English	
Notes:	
Course assessment Total number of assessed students: 6	
Ne	Pr
0.0	100.0
Provides: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., prof. MUDr. Pavol Kristian, PhD., MUDr. Martin Novotný, PhD., doc. MUDr. Zuzana Paraličová, PhD., prof. MUDr. Ivan Schréter, CSc.	
Date of last modification: 10.10.2022	

Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/AZSPn/22	Course name: Internship abroad - more than 30 days
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 2	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/AZSPd/22	Course name: Internship abroad - of less than 30 days
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 14	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/P/22	Course name: Lecture on research seminar at the department or clinic
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 33	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULM/ MikroB/22	Course name: Microbiology
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: elaboration of seminar work exam	
Learning outcomes: Extension of knowledge from general and special medical microbiology.	
Brief outline of the course: 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	
Recommended literature: 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.	
Course language: Slovak, English	
Notes:	
Course assessment Total number of assessed students: 0	
Ne	Pr
0.0	0.0
Provides: Dr.h.c. prof. MUDr. Leonard Siegfried, CSc.	
Date of last modification: 02.05.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/G-UPJS-ZR/22	Course name: Obtaining an internal grant UPJŠ (VVGS) or scientific project for young researchers by Faculty of Medicine - as a responsible solver
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 1	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KPLaKT/KPLaT/22	Course name: Occupational Medicine and Toxicology
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: During the semester, the student will prepare two presentations on current research issues in occupational medicine and toxicology and present them at scientific seminars of the research group or at educational seminars of the clinic.	
Learning outcomes: Acquisition of knowledge in the field of specialised medical care for occupational health hazards or injuries and for application in modern diagnosis, treatment and assessment of intoxications of professional as well as other origin. Mastery of current scientific findings with a focus on the differential diagnosis, treatment and assessment of occupational physical, chemical and biological health impairments with practical mastery of clinical epidemiology, including health statistics.	
Brief outline of the course: - clinical occupational medicine 1. damage to health by physical factors 2. occupational diseases of the respiratory system 3. occupational cancers 4. occupational infectious diseases 5. occupational cardiovascular diseases 6. occupational neuropsychiatric diseases and other work-related diseases - clinical toxicology 1. toxic metal intoxication 2. intoxication by organic solvents 3. intoxication by methaemoglobinizing substances 4. intoxication by polymers 5. pesticide intoxication 6. intoxication by chemical warfare agents, poisoning by drugs and chemicals 7. intoxication by fungi and plants 8. drug addiction	
Recommended literature: 1. Comprehensive Review in Toxicology for Emergency Clinicians, 3rd edition, Taylor&Francis Publishers since 1798, 1997, 848 s. 2. Goyer, R.A.; Cherian, M.G.: Toxicology of Metals,	

Biochemical Aspects, Berlin, 1995 3. Bencko, V.; Cikrt, M.; Lener, J.: Toxické kovy v životním a pracovním prostředí člověka, Praha, 1995 4. Buchancová, J. a kol.: Pracovní lékařstvo a toxikologie, Martin, 2003 5. Rom, W.N.: Environmental a Occupational Medicine, New York, 1998 6. Levy, B.S.; Wegman, D.H.: Occupational Health, Philadelphia, 2000 7. Banks, D.E.; Parker, J.E.: Occupational Lung Disease, Philadelphia, 1998

Course language:

Slovak, English

Notes:

Course assessment

Total number of assessed students: 0

Ne	Pr
0.0	0.0

Provides: doc. MUDr. Slavomír Perečinský, PhD., prof. MUDr. Ľubomír Legáth, PhD.

Date of last modification: 10.10.2022

Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/PDS/16	Course name: Preparation of the thesis for dissertation examination
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: The dissertation examination is a state examination and is public. The PhD student submits the application for the dissertation examination through AiS2 in the time up to 24 months from the beginning of the study, depending on the standard length of studies, the PhD student in external form at the latest within three years from the beginning of the studies, the PhD student is obliged to submit, together with the application for the dissertation examination, a written work prepared for the dissertation examination. All information about the doctoral study is specified on the faculty's website in the Doctoral Study section, including the conditions of completion, which are detailed in the State Examinations section. Students will find here all the necessary information, forms and documents, including information on the formal side of the dissertation, which are in accordance with Directive No. 1/2011 on the basic requirements of final theses and the PhD Study Regulations at UPJŠ in Košice. The submitted work must be in accordance with the Rector's Decision No. 5/2021, issuing the principles of good practice of scientific publication at UPJŠ in Košice and its parts, Rector's Decision No. 21/2021, on issuing rules for the assessment of plagiarism at UPJŠ in Košice and its parts, Rector's Decision No. 2/2022 which issues the principles of good research practice at UPJŠ in Košice and its parts.	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 92	
abs	neabs
100.0	0.0

Provides:
Date of last modification: 23.03.2022
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/LPC/22	Course name: Prevention and treatment activities (per semester)
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 82	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UVZH/ VZ-VK/VZ/22	Course name: Public Health - selected chapters
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: solving assigned tasks, preparation of a seminar paper, exam	
Learning outcomes: 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.	
Brief outline of the course: 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	

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.

Recommended literature:

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: <https://unibook.upjs.sk/img/cms/2020/lf/strucny-online-prehľad-skratiek.pdf>

Course language:

Slovak, English

Notes:

Course assessment

Total number of assessed students: 1

Ne	Pr
0.0	100.0

Provides: prof. MUDr. Kvetoslava Rimárová, CSc.

Date of last modification: 13.03.2023

Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KICM/ VZKS/22	Course name: Public health in a crisis situation
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: interview, exam	
Learning outcomes: Acquiring theoretical knowledge about crisis situations in public health. Particular attention is paid to diseases with high epidemiological risk.	
Brief outline of the course: - Crisis situations in public health caused by biological, chemical agents. - Crisis situation, its course, management, reporting.	
Recommended literature: 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: https://unibook.upjs.sk/img/cms/2020/lf/strucny-online-prehľad-skratiek.pdf	
Course language: Slovak, English	
Notes:	
Course assessment Total number of assessed students: 3	
Ne	Pr
0.0	100.0
Provides: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	
Date of last modification: 10.10.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UPZMV/MVaS/22	Course name: Research Methodology and Statistics
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 1. Online test after each lecture 2. Problem learning after each block of lectures	
Learning outcomes: 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.	
Brief outline of the course: 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	
Recommended literature:	

<p>Achengrau A., Seage G.R.: Essentials of epidemiology in public health. Jones and Bartlet Publishers. 2008</p> <p>Thompson, B. (2006). Foundations of behavioral statistics. New York, NY: Guilford Press.</p> <p>Kerlinger F.N.: Základy výzkumu chování Academia 1972</p> <p>Claus , Ebner: Základy štatistiky pre psychologov, pedagogov a sociológov. Bratislava : SPN, 1988.</p>	
<p>Course language: slovak, english</p>	
<p>Notes: combined form of education</p>	
<p>Course assessment Total number of assessed students: 116</p>	
Ne	Pr
11.21	88.79
<p>Provides: doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Peter Kolarčík, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD., MUDr. Jaroslav Rosenberger, PhD., doc. RNDr. Daniel Klein, PhD., Mgr. Aurel Zelko, PhD.</p>	
<p>Date of last modification: 13.05.2022</p>	
<p>Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.</p>	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-S-ZC/22	Course name: Responses to the scientific work in which the doctoral student is as a co-author - registered in a foreign scientific journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: Gaining feedback in foreign journals demonstrates a broad and well-founded scientific knowledge at the international level in the field of research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 1	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-S-DC/22	Course name: Responses to the scientific work in which the doctoral student is as a co-author - registered in a national scientific journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: Gaining feedback in domestic journals demonstrates well-founded and accepted scientific knowledge at the national level in the field of research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 0	
abs	neabs
0.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-S-SCI/ Scopus/22	Course name: Responses to the scientific work in which the doctoral student is as a co-author - registered in databases SCI or Scopus
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 10	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-1.-ZC/22	Course name: Responses to the scientific work in which the doctoral student is as the 1st author - registered in a foreign scientific journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: Gaining feedback in foreign journals demonstrates a broad and well-founded scientific knowledge at the international level in the field of research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 6	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-1.-DC/22	Course name: Responses to the scientific work in which the doctoral student is as the 1st author - registered in a national scientific journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: Gaining feedback in domestic journals demonstrates well-founded and accepted scientific knowledge at the national level in the field of research.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 0	
abs	neabs
0.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/O-1.-SCI/Scopus/22	Course name: Responses to the scientific work in which the doctoral student is as the 1st author - registered in databases SCI or Scopus
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 15	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/OP-ZP/22	Course name: Review of bachelor thesis
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 5	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 24.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UPZMV/ VKMVP/22	Course name: Scientific communication and research projects management
Course type, scope and the method: Course type: Lecture / Seminar Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: It is awarded on the basis of taking into account recorded lectures and solving assigned tasks in problem-based learning.	
Learning outcomes: Get acquainted with the principles of scientific communication and develop the skills of scientific work.	
Brief outline of the course: <ul style="list-style-type: none"> - Research projects, their preparation and management. - Logistics of field data collection. - Legal aspects of medical research. - Ethical aspects of research studies. Ethics Committee Financial and administrative management research projects. - Literature search, work with literary databases, literary review. - Structure of scientific work. Publishing process, communication with scientific journals. - Presentation of scientific results (poster, lecture, press release). - Review of scientific work. 	
Recommended literature: <ol style="list-style-type: none"> 1. International Committee of Medical Journal Editors: Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication. April 2010, www.icmje.org 2. Jacinto T, et al. How to write a scientific paper - Searching and Managing Biomedical information. Rev Port Pneumol. 2011. doi:10.1016/j.rppneu.2011.05.005 3. Bahna SL, McLarty JW. Data presentation. Ann Allergy Asthma Immunol. 2009 Oct;103(4 Suppl 1):S15-21 4. Azevedo LF et al: How write a scientific paper - Writing the methods section. Revista portuguesa de pneumologia 08/2011; DOI: 10.1016/j.rppneu.2011.06.014 	
Course language: Slovak, English	

Notes: hybrid form	
Course assessment Total number of assessed students: 18	
Ne	Pr
0.0	100.0
Provides: doc. Mgr. Zuzana Dankulincová, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD., Ing. Lucia Bosáková, PhD., univerzitný docent, PhDr. Ivana Mészáros Skoumalová, PhD., Mgr. Daniela Filákovská, PhD., Mgr. Daniela Husárová, PhD., Mgr. Peter Kolarčík, PhD., Mgr. Jaroslava Kopčáková, PhD.	
Date of last modification: 16.05.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-MONO- IV/22	Course name: Scientific work as a monograph, published in another publisher
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: By publishing a monograph, the doctoral student demonstrates a high degree of ability to identify, evaluate, correctly apply scientific knowledge and research methods. The doctoral student demonstrates the competence to use existing theories and concepts in an innovative way, as well as to generate new original scientific knowledge, which he publishes in the monograph (usually in a foreign language) in accordance with the set quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 4	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-MONO/22	Course name: Scientific work as a monograph, published in • publishers Elsevier, Springer, WileyBlackwell or Taylor & Francis
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 40	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: Scientific work as a monograph, published in publishers Elsevier, Springer, WileyBlackwell or Taylor & Francis. The doctoral student states the activity in the doctoral annual report and these activities are relevantly documented (e.g. publication, program).	
Learning outcomes: By publishing a monograph, the doctoral student demonstrates a high degree of ability to identify, evaluate, correctly apply scientific knowledge and research methods. The doctoral student demonstrates the competence to use existing theories and concepts in an innovative way, as well as to generate new original scientific knowledge, which he publishes in the monograph (usually in a foreign language) in accordance with the set quality and ethical standards.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 0	
abs	neabs
0.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-ZC-S/22	Course name: Scientific work published in a foreign journal as a co-author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 15	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-ZC-1./22	Course name: Scientific work published in a foreign journal as the 1st author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 6	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-NC-S/22	Course name: Scientific work published in an unreviewed foreign or national proceeding as a co-author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 7	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-NC-1./22	Course name: Scientific work published in an unreviewed foreign or national proceeding as the 1st author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 5	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-DC-S/22	Course name: Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as a co- author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 43	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-DC-1./22	Course name: Scientific work published in in a national magazine, respective in in a peer-reviewed foreign or national proceeding as the 1st author
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 32	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-S-Q1/22	Course name: 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
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 30	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 9	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-S-Q2/22	Course name: 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
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 10	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-S-Q3/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q3
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 9	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-S-Q4/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as a co-author in the journal which is included in category Q4
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 2	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-1.-Q1/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q1
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 40	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 10	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-1.-Q2/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q2
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 30	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 1	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-1.-Q3/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q3
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 25	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 1	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/VP-1.-Q4/22	Course name: Scientific work published in the journal registered in the WoS/Scopusus databases - as the 1st author in the journal which is included in category Q4
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 0	
abs	neabs
0.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: USBM/ SMd/16	Course name: Social medicine
Course type, scope and the method: Course type: Seminar Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: - Participation in individual consultation meetings - Study of recommended literature - Processing of a written assignment within the specified scope	
Learning outcomes: After completing the course, doctoral students will better orient themselves in trends in the development of the health status of the population, which are influenced by social determinants of health. They will become familiar with health and social care systems and the possibilities of social assistance for persons in an unfavourable life situation.	
Brief outline of the course: Social determinants of health and socioeconomic inequalities in health; Healthcare systems, healthcare organization and integrated care; Specifics of health and social care for selected vulnerable groups; Social assistance to persons in an unfavourable life situation.	
Recommended literature: Social determinants of health: the solid facts. 2nd edition / edited by Richard Wilkinson and Michael Marmot. WHO. 2003. http://www.euro.who.int/__data/assets/pdf_file/0005/98438/e81384.pdf WHO – CSDH. Prekľnutie rozdielov v zdraví za jedno generáčné obdobie. 2008. ISBN 978-80-970067-3-0. http://whqlibdoc.who.int/hq/2008/WHO_IER_CSDH_08.1_slo.pdf WHO. Regional Office for Europe. (2013)† Health 2020: a European policy framework and strategy for the 21st century. World Health Organization. Regional Office for Europe. http://www.who.sk/wp-content/uploads/2015/07/Zdravie-2020_kratka-verzia1.pdf Strategický rámec starostlivosti o zdravie na Slovensku: 2014-2030. Aktualizácia 2022. https://www.health.gov.sk/?strategia-v-zdravotnictve Zákon NR SR č. 447/2008 o peňažných príspevkoch na kompenzáciu ťažkého zdravotného postihnutia a o zmene a doplnení niektorých zákonov - www.zbierka.sk Zákon NR SR č. 448/2008 o sociálnych službách a o zmene a doplnení zákona č. 455/1991 Zb. o živnostenskom podnikaní (živnostenský zákon) v znení neskorších predpisov www.zbierka.sk	
Course language:	

Slovak, English	
Notes:	
Course assessment	
Total number of assessed students: 7	
Ne	Pr
0.0	100.0
Provides: MUDr. Zuzana Katreniaková, PhD.	
Date of last modification: 13.10.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/ODP/16	Course name: Submission of dissertation thesis for defense
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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.	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 62	
abs	neabs
100.0	0.0
Provides:	

Date of last modification: 23.03.2022
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/V/K-ZP/22	Course name: Supervision of bachelor thesis
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 8	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 13	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 24.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/PC/22	Course name: The direct pedagogical activity
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 91	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/OVK/22	Course name: Work in the conference organizing committee
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion: 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).	
Learning outcomes: 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.	
Brief outline of the course:	
Recommended literature:	
Course language: english, slovak	
Notes:	
Course assessment Total number of assessed students: 6	
abs	neabs
100.0	0.0
Provides:	
Date of last modification: 23.03.2022	
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.	