

Course descriptions

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COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-023/16	Course title: Assessment, Management and Communication of Health Risks
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 3.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-014/22 - Decision Making and Health	
Course requirements: EVALUATION: Requirements for successful completion of the course: (max. 100 points): a/ 100% attendance – 2 points for each practical max. 28 points b/ written exam – 20 questions (2 points per question) max. 40 points c/ model situation max. 32 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with Study Rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 30 points until the end of 7th week and 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student is able to identify, characterize and assess the health risks. Risk-benefit analysis – The student understands analysis and comparisons of benefits and costs either of human activities or insufficient activities concerning health. The student understands the importance of risk assessment as a base for process of control of risk in determining of priorities and important political decisions.	
Class syllabus: Definition of basic terms, risk management as qualitative and quantitative estimation of the likelihood of adverse effects and factors affecting human health. The process of assessment of health risk – identification of hazard, characteristics of the risk, evaluation of exposure, estimation of risk.	

Using of a system of analysis of health risk in practice. Exemplary studies of the assessment of health risk in EIA process. Management and communication of health risk.

Recommended literature:

Obligatory literature:

JIŘÍK, V. ODHAD ZDRAVOTNÍCH RIZÍK. OSTRAVSKÁ UNIVERZITA V OSTRAVĚ, 2014. 81 S. ISBN 978-80-7464-591-4

LEGÁTH, Ľ., BUCHANCOVÁ, J. A KOL. PRACOVNÉ LEKÁRSTVO. VYBRANÉ KAPITOLY. MARTIN: OSVETA, 2020. 295 S. ISBN 978-80-8063-493-3

MULLEROVÁ, D. A KOL. HYGIENA, PREVENTIVNÍ LÉKAŘSTVÍ A VEŘEJNÉ ZDRAVOTNICTVÍ. PRAHA: KAROLINUM, 2014. 256 S. ISBN 978-80-246-2510-2

Recommended literature:

KOMÁREK, L., PROVAZNÍK, K. ZÁKLADY PREVENCE. PRAHA: SZÚ, 2009, 603 S.

Manuál prevence v lékařské praxi, souborné vydání, 2005 <http://www.sweb.cz/centrumprev/>

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
47,27	0,0	10,91	40,0	1,82	0,0	0,0

Lecturers: Mgr. Romana Ulbrichtová, PhD., MUDr. Tibor Záborský, PhD., MPH, prof. MUDr. Henrieta Hudečková, PhD., MPH

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-006/15	Course title: Basics of Clinical Disciplines with Focus on Disease Prevention
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 1.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION: Conditions for successful completions of course (max. 100 points): a/ 100% attendance – 2 points for each lecture and practical, together max. 28 points b/ presentation max. 12 points c/ Exam test (30 question per 2 points) max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student understands the possibilities of primary, secondary and tertiary prevention of the most common chronic diseases focusing primarily on secondary prevention, preventive examinations and screening tests.	
Class syllabus: Health, models of health, determinants influencing health and possibilities of primary, secondary and tertiary prevention. Diagnosis, treatment and prevention of the most frequent cardiovascular, metabolic, oncologic, respiratory diseases and allergies. Specific health disorders in children, adolescents and seniors. Prevention in outpatient department of GPs for adults. Prevention in paediatrics. Prevention in gynaecology and obstetrics. Reproduction health.	
Recommended literature:	

<p>Obligatory literature: ŠVIHROVÁ V., BUCHANCOVÁ J. Základy klinickej medicíny II. Bratislava: UK, 2013, 96 s. ISBN 978-80-223-3384-9</p> <p>Recommended literature: KOMÁREK, L, PROVAZNÍK, K. Prevence v praxi. Praha: UK, 3. LF, 2009, 603 s. JURKOVIČOVÁ, J. Vieme zdravo žiť? Bratislava: UK, 2006, 165 s. ISBN 80-223-2132-X MÜLLEROVÁ, D. Zdravá výživa a prevence civilizačných nemocí ve schématech. Praha: Triton, 2003, 99 s. Programy a projekty verejného zdravotníctva (www.uvzsr.sk)</p>						
<p>Languages necessary to complete the course: slovak, czech</p>						
<p>Notes:</p>						
<p>Past grade distribution Total number of evaluated students: 65</p>						
A	ABS0	B	C	D	E	FX
81,54	0,0	13,85	4,62	0,0	0,0	0,0
<p>Lecturers: prof. MUDr. Viera Švihrová, CSc., doc. Mgr. Martina Bašková, PhD., Mgr. Eva Malobická, PhD.</p>						
<p>Last change: 15.03.2022</p>						
<p>Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH</p>						

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-035/15	Course title: Basics of Scientific and Research Work
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 1.	
Educational level: II.	
Prerequisites:	
Course requirements: Finishing following three tasks is a requirement for successful completion of course: a/ 100% attendance – 2 points per practical, together max. 28 points b/ Formulation of main diploma thesis topic and objective evaluation of its specific aims i.e. which variables are going to be monitored and what kind of information will be obtained (until the end of 7th week) max. 36 points c/ Methodical concept of diploma thesis research part (design, tool for acquiring the data, target population and method of sampling), Preparing time schedule of diploma thesis (until the end of 15th week) max. 36 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, achieving at least 30 points until the end of 7th week is needed. Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) When determined tasks are not submitted in before specified week, teacher can decide about not attributing the points or significant decrease of points score. For successful completion of the course, achieving at least 30 points until the end of 7th week is needed and 60 points in final evaluation. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student is able to apply knowledge on scientific research in development of a final diploma thesis including own empirical research.	

Class syllabus:

Difference between review and original research work. Formal structure of the original research work. Formulation of a research problem. Design of the research study. Appropriate formulation of goals and hypotheses of the work. Choice of appropriate research methods and planning of the work, fieldwork. Processing of results. Appropriate interpretation of results, significance of a discussion in the research work.

Recommended literature:

Obligatory literature:

<https://moodle.uniba.sk/>

Entrez PubMed (Medline). Dostupné na: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>

SCOPUS. Dostupné na: www.scopus.com

ŠTUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>

LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul. Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf

Recommended literature:

MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2

MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.

Languages necessary to complete the course:

slovak, english

Notes:**Past grade distribution**

Total number of evaluated students: 65

A	ABS0	B	C	D	E	FX
81,54	0,0	13,85	4,62	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 15.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-014/22	Course title: Decision Making and Health
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION: a/ 100% attendance – 2 points for each lecture and practical max. 28 points b/ Model situation sloving max. 12 points c/ Oral exam max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student understands the determinants of health, phases, procedures and methods of decisions and legislation. The student is able to apply knowledge in the development of decisions and their impact on population health both on regional and local level.	
Class syllabus: Definition of factors influencing health. Decision making in public health – characteristics, main features and phases, local and regional level, impact on environment and population health, legislation. EIA – Environment Impact Assessment and HIA – Health Impact Assessment. SEA- Strategic Environmental Assessment.	
Recommended literature: Obligatory literature: Programy a projekty verejného zdravotníctva (www.uvzsr.sk)	

Platná legislatíva SR a EU http://jaspi.justice.gov.sk/jaspiw1/jaspiw_mini_fr0.htm <http://moodle.uniba.sk/>

Recommended literature:

JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016, 156 s. ISBN 978-80-8063-447-6.

Programy a projekty HIA a EIA, Health risk assessment(www.euractiv.sk, <http://enviroportal.sk/seveso/informacny-system.php>, www.enviroportal.sk)

Smernica 85/337/EEC o posudzovaní vplyvov niektorých verejných a súkromných projektov na životné prostredie v znení

Smernice 97/11/EC a Smernice 2003/35/EC ustanovujúca účasť verejnosti pri príprave určitých plánov a programov vzhl'adom na životné prostredie (<http://eia.enviroportal.sk>)

ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva II. Bratislava: PRO, 2013, ISBN: 9788089057443

BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0

ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva I. Bratislava: PRO, 2011. ISBN: 9788089057337

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution

Total number of evaluated students: 0

A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, MUDr. Tibor Záborský, PhD., MPH, doc. Ing. Viera Jakušová, PhD., MPH, Mgr. Mária Tatarková, PhD., Mgr. Romana Ulbrichtová, PhD., prof. MUDr. Tibor Baška, PhD.

Last change: 22.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

STATE EXAM DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-SS1/16	Course title: Defence of Diploma Thesis
Number of credits: 5	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-031/22 - Research in Public Health II. (1) and JLF.ÚVZ/J-2-VZ-020/16 - Diploma Thesis Seminar	
<p>Course requirements:</p> <p>Evaluation</p> <p>Conditions for passing of the state exam:</p> <p>Conditions for passing of the state exam:</p> <p>Passing of all courses of winter and summer semester of the academic year</p> <p>Submission of the diploma thesis until the given deadline.</p> <p>Applying for the state exam into AIS 2</p> <p>1 Defence of the bachelor thesis</p> <p>Evaluation involves four parts</p> <p>a) Evaluation of a supervisor/tutor</p> <p>b) Evaluation of an opponent</p> <p>c) Presentation of a thesis</p> <p>d) Discussion</p> <p>Criteria for evaluation of bachelor final theses of supervisors and opponents in Public Health study program:</p> <ul style="list-style-type: none"> • Title of the thesis – consistence with its content as well as consistence of individual chapters with their content • Abstract – informative, clear, understandable • Development of a complex appropriately interpreting technical and scientific knowledge, logical structure of the thesis, mutual interconnection of its chapters, appropriate extent of the chapters • goals of the thesis – clear, understandable, objectively evaluable • Material, methods and used approach of the thesis – appropriate and suitable • Results – brief, clear and understandable • Discussion – comparing of own findings with existing knowledge in the given issue • Recommendations and conclusions – appropriate and well formulated • literature – appropriate, selection of representative international and domestic literature, currentness of the resources • formal arrangement – neat, clear, correct stylisation and grammar <p>Final evaluation (max. 100 points)</p> <p>Achieved points Evaluation/grade</p> <p>100 – 91 A (excellent - 1)</p> <p>90 – 81 B (very good – 1.5)</p> <p>80 – 73 C (good - 2)</p> <p>72 – 66 D (satisfactory – 2.5)</p> <p>65 – 60 E (sufficient - 3)</p> <p>59 and less Fx (fail - 4)</p> <p>Scale of assessment (preliminary/final): 100/100</p>	

Learning outcomes:

The student is able to propose and realize a modest scientific work. He/she can work with already collected data or use part of findings of other research projects (under condition of approval of person responsible for the given project). The student is able to present knowledge and orientation in the given problem. He/she can practically process, analyse and appropriately interpret the results.

Class syllabus:

Work under supervision of the tutor
Retrieving of existing current scholar information on the given field
Development of the text of the thesis
Formulation of goals, selection of a target population or collection of samples
Selection of appropriate study design and methods
Collecting of empiric data
Processing and analysis of the collected data
Interpretation of results, development of a discussion
Formulation of conclusions and recommendations for practice
Putting together comprehensive final diploma thesis keeping the required form
Development of the presentation for the defence of the final diploma thesis

State exam syllabus:

Processing diploma thesis - the student perspective on the issues examined and its interpretation

Recommended literature:

Recommended literature:

1. HUDEČKOVÁ, H., ŠVIHROVÁ, V., Nováková, E., Szilágyiová, M.: Verejnozdravotné aspekty osýpok. Bratislava: A-medi management, 2018, 84 s., ISBN 978-80-89797-29-5
2. JURKOVIČOVÁ, J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5
3. BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0
4. KLEMENT, C. Verejné zdravotníctvo. História, Súčasnosť, Analýza, STRATÉGIA, Rozvoj. Banská Bystrica: PRO, 2019, 432 s., ISBN 978-80-890-5780-1BAZOVSKÁ, S. a kol.: Špeciálna epidemiológia. Bratislava: UK, 2007. 337 s. ISBN 978-80-223-2301-7
5. OZOROVSKÝ, V. a kol. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. ISBN 9788089607686
6. Bazovská, S. a kol.: Špeciálna epidemiológia, 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0
7. HUDEČKOVÁ, H., ŠVIHROVÁ, V. Očkovanie. Martin: Vydavateľstvo Osveta, 2013, 227 s., ISBN: 978-80-8063-396-7
8. KOMÁREK, L., PROVAZNÍK, K. Prevence v praxi. Praha, Nadace CINDI v spolupráci s 3.lékařskou fakultou Univerzity Karlovy, 2009. 603s.
9. ROSIVAL, L., ZIKMUND, V.: Preventívna medicína. Martin, Osveta 1992, 371 s.
10. MULLEROVÁ, D. A kol. Hygiena, preventivní lékařství a veřejné zdravotnictví. Praha: Karolinum, 2014. 256 s. ISBN 978-80-246-2510-2
11. BUCHANCOVÁ, J., KLIMENTOVÁ, G., ŠULCOVÁ, M., FABIANOVÁ, E.: Pracovné lekárstvo a toxikológia, Osveta, Martin 2003, 1133 s. http://www.who.int/phe/health_topics/en/
12. JAKUŠOVÁ, V. Základy zdravotníckeho manažmentu. 1. vyd. Martin: Osveta, 2010, 142 s. ISBN 978-80-8063-347-9.
13. JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016. 156 s. ISBN 978-80-8063-447-6.
14. ŠAGÁT T.: Organizácia zdravotníctva. Martin: Osveta, 2004. 210 s. ISBN 80-8063-143-3.

15. Zdravie pre všetkých v 21. storočí. Copenhagen, WHO Regional Office for Europe, European Health for ALL Series No 6, 1999 224 s.
16. Aktuálna legislatíva z oblasti verejného zdravotníctva a poskytovania zdravotnej starostlivosti. www.slov-lex.sk, <http://eur-lex.europa.eu/homepage.html?locale=sk>
17. MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.
18. MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2
19. <https://moodle.uniba.sk/>
20. LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul [cit. RRRR-MM-DD]. Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf
21. Smernica rektora UK č. 7/2018 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave. Dostupné na: https://uniba.sk/fileadmin/ruk/legislativa/2018/Vp_2018_07.pdf
22. Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných (bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútorný predpis č. 43/2013). Dostupné na: http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf
23. Entrez PubMed (Medline). Dostupné na: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>
24. SCOPUS. Dostupné na: www.scopus.com
25. ŠTUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>

Languages necessary to complete the course:

slovak, czech, english

Last change: 07.04.2022**Approved by:** prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-020/16	Course title: Diploma Thesis Seminar
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 3.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-031/22 - Research in Public Health II. (1)	
Course requirements: SUBJECT: DIPLOMA SEMINARY Four tasks should be prepared to compete the course: 1. Development of a draft of the diploma thesis part Current knowledge on the issue (detailed structure of chapters, text, or an outline of the text of chapters with planned extent) Term: until the end of the 4th week – max. 30 points. 2. Development a draft of the diploma thesis part Goals and Material and Methodology (Overall and specific goals – description of used variables, sampling, proposed study design) Term: until the end of 7th week – max. 20 points. 3. Technical report on empirical collection of data for the diploma thesis (specific information on time schedule of preparation and data collection, target population and samples – size, responsibility etc, technical problems, possible changes against planned approach and other significant information) Term: until the end of 10th week – max. 10 points. 4. Development of a draft of the diploma thesis part Results (tables and charts with captions and accompanying text) Term: until the end of semester – max. 40 points. Students submit all task in electronical form to the e-learning module in moodle system. In case of insufficient completion of any task or not submitting until the given deadline, student can lose points upon consideration of the teacher. Final evaluation (according to total sum of points for the tasks): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, achieving at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
Learning outcomes:	

After completion of the subject the student acquire necessary knowledge and skills regarding formal and methodological aspects of a final master degree diploma thesis.

Class syllabus:

Practical aspects of empirical data collection. Principles and strategy of development of a scholar text. Working with scholar texts in English. Working with databases. Employment of mathematical and statistical function to analyse results. Summarisation of the results. Development of a list of bibliographic references. Development of a discussion. Formulation of practical recommendation and conclusions. Development of a structured abstract. Presenting of own research findings, development of computer presentation.

Recommended literature:

Obligatory literature:

Entrez PubMed (Medline). Dostupné na: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>

SCOPUS. Dostupné na: www.scopus.com

ŠTUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>

<https://moodle.uniba.sk>

LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf

Recommended literature:

MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2

MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.

McDonald, J.: Handbook of Biological Statistics. <http://www.biostathandbook.com/>

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
54,55	0,0	30,91	12,73	1,82	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-021/16	Course title: Emergent Situations in Communicable Diseases
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 3.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-011/15 - Intervention Programmes in Public Health	
Course requirements: EVALUATION: Requirements for successful completion of the course: (max. 100 points): a/ 100% attendance – 2 points for each lecture (max. 14 p.) and 1 point for each practical (max. 14 p.) max. 28 points b/ continuous test (6 questions per 2 points) max. 12 points c/ written exam (30 question per 2 points) max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with Study Rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student understands emergent infectious diseases, their global nature. The student understands the principles of prevention, the management and essential requirements needed for global control.	
Class syllabus: Characteristics of emergent infections both from local and global aspects. Analysis of main features of these infections using descriptive and analytic epidemiology. Identification of approaches of investigation of the respective outbreaks. Bioterrorism as a public health threat. Planning of intervention measures (control, prevention), comparison of their common and specific features	

in natural disasters and bioterrorist attacks Arrangement of public health measures in emergent situation (management, cooperation, interoperability, communication, arrangement of public services), pandemic plans, and international health regulations.

Recommended literature:

Obligatory literature:

www.ecdc.europa.eu

www.who.int.eu

<http://www.who.int/topics/>

www.ecohealth101.org

Recommended literature:

Klement C. a kol. Mimoriadne udalosti vo verejnom zdravotníctve. Banská Bystrica: PRO, 2011, 664 s., ISBN: 978-80-89057-29-0

Klement C. a kol. Medzinárodné zdravotné predpisy. Banská Bystrica: PRO, 2009. 438 s., ISBN: 978-80-89057-24-5

Klement, C. a kol.: Biologické zbrane. Vyd. BONUS, 2008. 380 s., ISBN: 8096973323

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
98,18	0,0	1,82	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD., Mgr. Mária Tatarková, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-022/16	Course title: Health Care Financing
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 3.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-036/22 - Health Insurance	
Course requirements: EVALUATION: Requirements for successful completion of course: (max. 100 points): a/ 100% attendance – 2 points for each lecture and practical max. 28 points b/ continuous test (18 questions per 2 points) max. 36 points c/ ppt presentation (2 per 18 points) max. 36 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher). For successful completion of the course, achieving at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student is able to identify the forms of health care financing and prevention, basic payment methods. The student understands the development of available sources, principles of health care purchasing and control mechanisms in health care providing and in health insurance system.	
Class syllabus: Health, health services, their financing systems. Available resources, purchase of health care. Compensation of portfolio risk structure. Financing of the various forms of health care, payment mechanisms and methods. Financing of outpatient, inpatient and pharmaceutical health care.	

Recommended literature:

Obligatory literature:

ONDRUŠ, P., ONDRUŠOVÁ, I. A KOL. Manažment a financovanie v zdravotníctve: príručka zdravotníckeho manažéra Bratislava: Matica slovenská, 2017. 320 s.

Zákony NR SR č. 580/2004 Z. z. a č. 581/2004 Z. z. v znení neskorších predpisov.

Aktuálny Vestník ÚDZS – Správa o stave vykonávania verejného zdravotného poistenia

Materiály MZ SR, ÚDZS. Dostupné na internete: <http://www.health.gov.sk.>, <http://www.udzs.sk.>

Recommended literature:

STANEK, V. et al. Ekonomika zdravotníctva. Bratislava: Ekonóm, 2005, 224 s. ISBN

80-22519-96-0

KOVÁČ, E. Zdravotné poistenie. Bratislava: Herba, 2009, 96 s. ISBN 978-80-89171-62-0

Languages necessary to complete the course:

slovak

Notes:**Past grade distribution**

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
96,36	0,0	3,64	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Viera Švihrová, CSc.**Last change:** 07.04.2022**Approved by:** prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-036/22	Course title: Health Insurance
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: a) 100% attendance (2 points for each) max. 28 points b) Continuous test (18 questions per 2 points) max. 36 points c) Ppt presentation max. 36 points Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student gains an overview of the history of health insurance. The student understands the history of health insurance system in Slovakia. The student is able to identify a basic relation between health insurance stakeholders: insured person, insurance, healthcare provider. The student understands the providing of health insurance in our conditions, rights and obligations of the insured person, the principle of solidarity in public health insurance.	
Class syllabus: History of health insurance system, models, reform of health insurance system and current legislation in Slovakia. Stakeholders of health insurance system. Purchase of healthcare – contractual relations. Quality indicators and insurance. Tasks of health insurance company in the providing of healthcare, rights and obligations of insured persons. Supervising mechanisms in health insurance system.	
Recommended literature: Obligatory literature:	

ONDRUŠ, P., ONDRUŠOVÁ, I. A KOL. Manažment a financovanie v zdravotníctve: príručka zdravotníckeho manažéra Bratislava: Matica slovenská, 2017. 320 s.
Zákon č. 580/2004 Z. z. v znení neskorších predpisov
Zákon č. 581/2004 Z. z. v znení neskorších predpisov
Aktuálna správa ÚDZS o stave vykonávania verejného zdravotného poistenia (www.udzs.sk)
Recommended literature:
KOVÁČ E.: Zdravotné poistenie. Bratislava: Herba, 2009, s. 96, ISBN 978-80-89171-62-0

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution

Total number of evaluated students: 0

A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Viera Švihrová, CSc.

Last change: 18.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-034/16	Course title: Health Policy
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 4.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-011/15 - Intervention Programmes in Public Health	
Course requirements: EVALUATION: Requirements for successful completion of the course: (max. 100 points): a/ mandatory attendance at lectures and practicals - max. 28 points b/ continuous test (18 questions per 2 points) - max. 36 points c/ ppt presentation (according to topics attributed by a teacher) – max. 36 points Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student is able to identify strategies and basic principles of state health policy and to be oriented in healthcare legislation. The student understands the principles of health policy as an integral part of public health. The student is able to analyze the problems of specific sectors of health care providing.	
Class syllabus: General policy, health policy, development process of legislation. Health policy on European, national and regional level. The role of public health in development and implementation of health and healthcare policies. Role of state government, self-government and political parties. National Program of Health Promotion. Healthcare reform in the Slovak Republic. Minimum network of	

outpatient healthcare facilities, a network of inpatient healthcare facilities. Drug policy. Healthcare informatization. Topical problems of health policy in the Slovak Republic.

Recommended literature:

Obligatory literature:

OZOROVSKÝ V. a kol. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. ISBN 9788089607686

Recommended literature:

KUVÍKOVÁ, H. a kol. 2006. Tvorba a realizácia zdravotníckej politiky. Banská Bystrica: Univerzita Mateja Bela, Ekonomická fakulta. 2006. 107 s. ISBN 80-8083-340-0.

Zdravie pre všetkých v 21. storočí. Copenhagen: WHO Regional Office for Europe, European Health for All (dostupné na <http://www.who.com>)

Národný program podpory zdravia. Aktualizácia Národného programu podpory zdravia v Slovenskej republike. 2014. Dostupné na internete: http://www.uvzsr.sk/docs/info/podpora/Aktualizacia_Narodneho_programu_podpory_zdravia_2014.pdf

WHO. 2013. Zdravie 2020: Európsky politický rámec na podporu vládnych a spoločenských aktivít pre zdravie a prosperitu. Bratislava: Kancelária WHO na Slovensku, 2013. Dostupné na internete: http://www.who.sk/wp-content/uploads/2015/07/Zdravie-2020_kratka-verzia1.pdf

Aktuálne platné právne predpisy z oblasti zabezpečenia poskytovania zdravotnej starostlivosti. www.health.gov.sk, www.uvzsr.sk

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution

Total number of evaluated students: 50

A	ABS0	B	C	D	E	FX
64,0	0,0	32,0	4,0	0,0	0,0	0,0

Lecturers: doc. Ing. Viera Jakušová, PhD., MPH

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-024/16	Course title: Health Protection Legislation
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 3.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-004/15 - Practice in Hygiene and Epidemiology	
Course requirements: EVALUATION: Requirements for successful completion of the course: (max. 100 points): a/ 100% attendance – 2 points for each lecture and practical max. 28 points b/ model situation max. 12 points c/ oral exam (1 question) max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with Study Rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student gains theoretical knowledge on legislative norms and regulations, and he/she is able to apply knowledge in a practice.	
Class syllabus: Act on the Protection and Promotion of Public Health - the subject matter. Organization and implementation of public health. Implementation of prevention of diseases and other health disorders. Establishment and operation of committees for evaluation of professional competences, professional qualification requirements and providing certificates of professional competences. Requirements for healthy living conditions and healthy working conditions, requirements for radiation protection. Measures of governmental administration in the field of public health in emergent situations. Obligations of physical and legal persons in the protection, promotion and	

development of public health. Operating of a state health supervision, administrative offenses and other delicts in the field of public health. Regulation of the Government of the Slovak Republic on minimal safety and health requirements for the use of work equipment. Government of the Slovak Republic Regulation on minimum requirements for the provision and use of personal protective equipment.

Recommended literature:

Obligatory literature:

Materiály UVZ SR a MZ SR. Dostupné na Internete: www.uvzsr.sk; www.health.gov.sk

Platná legislatíva SR a EU

www.slov-lex.sk

<http://eur-lex.europa.eu/homepage.html?locale=sk>

Recommended literature:

Rovný I. a kol. Vybrané kapitoly verejného zdravotníctva II. Banská Bystrica: PRO, 2013. 896 s., ISBN 978-80-890-5744-3

ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva I. Bratislava: PRO, 2011. ISBN: 9788089057337

Languages necessary to complete the course:

slovak

Notes:

Past grade distribution

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
38,18	0,0	34,55	20,0	3,64	3,64	0,0

Lecturers: Mgr. Róbert Čecho, PhD., Mgr. Romana Ulbrichtová, PhD., MUDr. Tibor Záborský, PhD., MPH, prof. MUDr. Henrieta Hudečková, PhD., MPH

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚMI/J-2-VZ-001/15	Course title: Immunology and Allergology
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: - it is obligatory to be present at practicals (1 absence is tolerated) - 1 test during the semester - oral presentation according the schedule Exam: End study evaluation of students is based on written exam test - The final grade is determined by counting the points for the test during semester and the final exam test. Scale of assessment (preliminary/final): 25%/75%	
Learning outcomes: The student receives information from specific and nonspecific immunity, immune competent cells, mechanisms of regulation of immune answer. The student is able to characterise the antigens, their structure and immunogenic potential as well as immunoglobulins, their function, mechanisms of antibody production, idiotypes, alltype, isotypes. The reached knowledges enable to understand the problems of vaccination, types of vaccines., of hypersensitivity, autoimmunity and immunodeficiencies. Transplantation and tumor immunity are covered at introductory level.	
Class syllabus: Introduction to immunology Discrimination between self and non self Antigens a receptors Terminology, Nonspecific immunity – barriers, cells, mechanism and functions Specific immunity – molecules, immunoglobulins, organs and cells differentiation Lymphocytes – activation APC Regulation of immunity , cytokines Tumor immunity Transplantation immunity Hypersensitivity Immunotherapy Immunostimulation IDS Antiinfective immunity Autoantibody detection	
Recommended literature: Buc M a kol. Imunológia. Bratislava: UK 1999; 248 s. Neuschlová Martina, Nováková Elena, Kompaníková Jana. Imunológia - ako pracuje imunitný systém. Martin : Univerzita Komenského v Bratislave Jesseniova lekárska fakulta v Martine 2017; 189 s. ISBN 978-80-8187-031-6. Neuschlová M, Nováková E, Kompaníková J. Abeceda imunológie - terminologický slovník. UK v Bratislave JLF UK v Martine 2016; 60 s. ISBN 978-80-8187-016-3. Dostupné na: https://portal.jfmed.uniba.sk/clanky.php?aid=344 Neuschlová M, Nováková E, Kompaníková J. Návod na praktické cvičenia z imunológie. UK v Bratislave JLF UK v Martine 2016; 114 s. ISBN 978-80-8187-017-0.	

Votava M. Lékařská mikrobiologie obecná. Brno: Neptun 2005; 351 s.
 Učebné texty na MEFANETe <http://portal.jfmed.uniba.sk/lekarske-discipliny.php?disid=119> a web stránke Ústavu mikrobiológie a imunológie
 Nováková E a kol. Lekárska vakcinológia nielen pre medikov. Banská Bystrica: PRO, 2007. 141s.
 Abbas K a kol. Basic Immunology 3 rd edition, Elsevier, 2012. 320 s.
 Doan T. et all. Immunology, Lippincott's Illustrated Reviews, LWW, 2008. 334 s.
 Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology 7th Edition. Philadelphia: Elsevier Saunders 2013; pp. 874.
 Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology 8th Edition. Philadelphia: Elsevier Saunders 2016; pp. 836.

Languages necessary to complete the course:

slovak language

Notes:

Past grade distribution

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
87,5	0,0	10,71	1,79	0,0	0,0	0,0

Lecturers: doc. MUDr. Elena Nováková, PhD., MUDr. Jana Kompaníková, PhD., MUDr. Martina Neuschlová, PhD., MUDr. Vladimíra Sadloňová, PhD.

Last change: 22.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-026/16	Course title: International Public Health
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 3.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-011/15 - Intervention Programmes in Public Health and JLF.ÚVZ/J-2-VZ-005/15 - Vaccinology	
Course requirements: EVALUATION: a/ 100% attendance – 2 points for each lecture and practical, together max. 28 points b/ ppt presentation max. 12 points c/ oral exam (1 question) max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with the Study Rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher). For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student understands public health problems from a global aspect. The student understands the need of international cooperation on governmental, non-governmental and commercial level. The student is able to identify the specific problems of public health and intervention programs. The student is able to understand the role of WHO, ECDC and other organizations in prevention, health protection and health promotion.	
Class syllabus: Public health – local and global issues. Classification countries, characteristics of developed and developing countries. Globalisation and migration. Public health research in an international context. Important public health problems endangering the World population- – demographic changes, population ageing, chronic diseases, infectious diseases, and global environmental	

changes. The tools of public health to meet particular targets – biological and psychosocial base of prevention, development and assessment of interventions, optimization of healthcare system. Research methods, their improvements and approaches in epidemiology, biostatistics, health economy, stimulation and modelling, qualitative methods in the social fields. An impact of cultural, social, economic and ecologic factors in a context with global changes and international cooperation.

Recommended literature:

Obligatory literature:

Ondruš, P. Medzinárodné verejné zdravotníctvo. Vybrané kapitoly. Bratislava: Matica Slovenská, 2015. 273 s. ISBN 978-80-9719-654-7.

Recommended literature:

Rozhodovacie procesy v Európskej únii. Bratislava: MZV SR, 2006, 34 s.

Materiály UVZ SR, MZ SR. Dostupné na: www.uvzsr.sk; www.health.gov.sk

The World Health Reports of the WHO.

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
67,27	0,0	21,82	9,09	0,0	1,82	0,0

Lecturers: doc. Ing. Viera Jakušová, PhD., MPH, prof. MUDr. Tibor Baška, PhD., Mgr. Eva Malobická, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-011/15	Course title: Intervention Programmes in Public Health
Educational activities: Type of activities: practicals Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION: Mandatory attendance at practicals (per 4 p. - max. 28 p.) Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) Processing and presenting of model interventional project: (max. 36 p.) Each student will concisely and clearly processes information on interventional program of individual choice, submits it in a form of an assignment to e-learning module in Moodle system until the end of 7th week to be presented later on in practicals. Development of proposal own interventional project: (max. 36 p.) Each student will develop own simple interventional project and will submit it to e-learning module in Moodle system until the end of the semester. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student understands intervention methods on population level. The student is able to implement interventions and to evaluate the results. The student understands the most important areas of interventions on population level.	
Class syllabus:	

The use of intervention methods on population level. Design, implementation and evaluation of interventions. Classification according to type of intervention, according to target population. Important interventions focused on prevention of cardiovascular and oncologic diseases. Important interventions focused on prevention of infectious diseases. Control of tobacco and alcohol, promotion of physical activity. Projects of development and humanitarian aid.

Recommended literature:

Obligatory literature:

Národný akčný plán pre problémy s alkoholom

Národný akčný plán kontroly tabak

Národný program podpory zdravia

<https://moodle.uniba.sk/moodle/>

Recommended literature:

WHO/EURO. The 10 Essential Public Health Operations: <https://www.euro.who.int/en/health-topics/Health-systems/public-health-services/policy/the-10-essential-public-health-operations>

CDC. The Community Guide. <https://www.thecommunityguide.org/> North Karelia Project. <http://www.kareliahealth.com/evidence/north-karelia/>

WHO/EURO. A strategy to prevent chronic disease in Europe. A focus on public health action.

The CINDI vision: <https://www.euro.who.int/en/health-topics/noncommunicable-diseases/cancer/publications/pre-2009/a-strategy-to-prevent-chronic-disease-in-europe.-a-focus-on-public-health-action.-the-cindi-vision>

Languages necessary to complete the course:

slovak, czech, english

Notes:

Past grade distribution

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
85,71	0,0	14,29	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 15.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-025/16	Course title: Management and Health Care Work
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 3.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION: a/ 100% attendance – 2 points for each lecture and practical, together max. 28 points b/ ppt presentation max. 12 points c/ oral exam (1 question) max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with the Study Rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher). For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student understands functions, roles and skills of a manager in public health. The student is able to control the planning, organizing, coaching and controlling of activities of workers at an organization through modern tools and methods of management. The student is able to find solutions and to propose improvements in managerial work.	
Class syllabus: Characteristics and fundamental bases of management. Personality and competences of a manager in public health. Information and information systems in public health. Working groups in public health. Self-management and time-management. Personal management in public health facilities. Quality management in public health facilities.	
Recommended literature: Obligatory literature:	

<p>ONDRUŠ, P., ONDRUŠOVÁ, I. a kol. Manažment a financovanie v zdravotníctve: príručka zdravotníckeho manažéra Bratislava: Matica slovenská, 2017. 320 s. ISBN 978-80-972535-9-2. JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016. 156 s. ISBN 978-80-8063-447-6. Materiály MZ SR. Dostupné na internete: http://www.health.gov.sk. Recommended literature: JAKUŠOVÁ, V. Základy zdravotníckeho manažmentu. 1. vyd. Martin: Osveta, 2010. 142 s. ISBN 978-80-8063-347-9. GLADKIJ, I. a kol. Management ve zdravotnictví. Brno: Computer Press, 2003. 380 s. ISBN 80-7226-996-8.</p>						
<p>Languages necessary to complete the course: slovak, czech</p>						
<p>Notes:</p>						
<p>Past grade distribution Total number of evaluated students: 55</p>						
A	ABS0	B	C	D	E	FX
60,0	0,0	21,82	7,27	5,45	5,45	0,0
<p>Lecturers: doc. Ing. Viera Jakušová, PhD., MPH</p>						
<p>Last change: 07.04.2022</p>						
<p>Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH</p>						

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.PK/J-2-VZ-007/15	Course title: Mental Health and Mental Disorders
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: Conditions for enrollment in the exam: - participation in lectures at least 4 times - participation in practical exercises at least 10 times - favorable results of ongoing controls - presentation of written work in the form of a seminar Methods of continuous control: - by the end of the 7th week: control questions from the curriculum during the exercises, written work - by the end of the 14th week: presentation of the written work in the form of a seminar, control questions from the curriculum Evaluation of the results of the ongoing control: A/1 = 91 - 100%; B/1.5 = 81 - 90%; C/2 = 73 - 80%; D/2.5 = 66 - 72%; E/3 = 60 - 65%, Fx = less than 60% Share of continuous control in the final evaluation of the course: 20%	
Learning outcomes: After completion of the subject the student has a basic knowledge of mental health and mental disorders, which are important in a view of public health.	
Class syllabus: Mental health. Behavioral health and health psychology. Health and human behavior. Quality of life. Basic concepts . Importance to public health . Mental disorder. Overview of mental disorders. Epidemiology of mental disorders. The social consequences of mental disorders. Mental hygiene. Prevention of mental disorders. Etiopathogenesis of mental disorders. Biological, psychological, social and spiritual factors of mental health and mental disorders. Mental health damaging factors. Stress. Psychoactive substances. Eating. Physical activity. Sexual health and risky sex. Mood disorders. Neurotic, stress-related and somatoform disorders. Psychosomatic disorders. Mental and behavioral disorders due to psychoactive substances from the perspective of public health. Schizophrenia and other psychotic disorders. Stigmatization of mental illness. The role of publichealth in destigmatization and social reintegration of patients with mental disorders. Mental disorders in childhood and adolescence. Importance in public health. Mental disorders in seniors.	

Dementia. Organic and symptomatic mental disorders. Health status of the elderly in terms of public health.

Recommended literature:

Literature:

Duševné zdravie a psychické poruchy /I. roč./ x Forgáčová, Ľ. Ochrana a podpora duševného zdravia. Prevencia duševných porúch. Bratislava: Simply supplies, s.r.o. 2007. 184 s. ISBN 978-80-969611-7-7 x Kolibáš, E. a kol. Všeobecná psychiatria. Bratislava: UK, 2007. 183 s. ISBN 978-80-223-2388-8 x Novotný, V. a kol. Špeciálna psychiatria. Bratislava: UK, 2010. 248 s. ISBN 978-80-223-2624-7 Kebza, V. Psychosociální determinanty zdraví. Praha: Academia, 2005. 263 s. ISBN 80-200-1307-5 Křivohlavý, J. Psychologie zdraví. Praha: Portál, 2001. 278 s. ISBN 80-71785-61-2 Křivohlavý, J. Psychologie nemoci. Praha: Grada, 2002. 208 s. ISBN 80-247-0179-0 Kafka, J. a kol. Psychiatria. Martin: Osveta, 1998. 255 s. ISBN 80-2170-514-0 Ondrejka, I. Depresia v kontexte kvality života. Rožňava: Roven, 2006. 126 s. ISBN 80-89168-15-9 Kaplan, R. M. a kol. Zdravie a správanie človeka. Bratislava: SPN, 1996. 450 s. ISBN 80-08-00332-4 Kafka, J. a kol. Mentálne zdravie, psychiatria a ošetrovatel'stvo. Košice: Mercury – Smékal, 2004. 286 s. ISBN 80-89203-01-9 Mohapl, P. Úvod do psychologie nemoci a zdraví. Olomouc: UP, 1992. 89 s. ISBN 80-7067-127-0 Hosák, L., Hrdlička, M., Libiger, J. a kol. Psychiatrie a pedopsychiatrie. Praha: Univerzita Karlova Nakladatelství Karolínium 2019. 647 s. ISBN 978-80-246-2998-8, ISBN 978-80—246-3011-3 (pdf) Kolibáš, E., Novotný, V.: Alkohol, drogy, závislosti. Bratislava UK, 2007. 257 s. ISBN 978-80-223-2315-4

Languages necessary to complete the course:

Slovak

Notes:

Past grade distribution

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: doc. MUDr. Igor Ondrejka, PhD., MUDr. PhDr. Igor Hrtánek, PhD., MUDr. Miloslav Oppa, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-012/15	Course title: Nosocomial infections
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 1.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION: a/ 100% attendance – 1 point for each lecture and practical, together max. 21 points b/ continuous test (9 questions per 2 points) max. 18 points c/ oral exam (2 questions) max. 61 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student understands on classification of hospital infection, their clinical nature and prevention. The student is able to apply knowledge to provide preventive and repressive measures as well as to employ principles of barrier nursing techniques which are a part of working regulations in healthcare facilities.	
Class syllabus: History, definition, process of spreading of hospital infections. Infectious agents and sources of hospital infections. Classification of hospital infections. Intestinal hospital infections. Hospital infections of wounds and related sepses. Air-borne and urogenital hospital infections. Puerperal and neonates` infections. Epidemiological methods for monitoring hospital infections and their surveillance. Prevention of hospital infections.	
Recommended literature:	

Obligatory literature:

BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0

ŠRÁMOVÁ, H.: Nozokomiální nákazy. Praha : Maxdorf, 2013. 400 s. ISBN 9788073452865

Recommended literature :

Štefkovičová M. a kol. Dezinfekcia a sterilizácia – teória a prax II. Žilina: Vrana, 2007, 164 s. ISBN 978-80-968248-3-0

Štefkovičová, M. Hygienické kompendium stomatológa. Skalica: Didaktik, 2005, 74 s. ISBN 80-969379-4-4. 267 s. ISBN 80-86297-10-1

BAZOVSKÁ, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0

ŠRÁMOVÁ, H.: Nozokomiální nákazy I. Praha : Maxdorf, 1995. 232 s. ISBN 9788085912005
<https://www.epis.sk/InformacnaCast/Publikacie/VyročneSpravy.aspx>

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 65

A	ABS0	B	C	D	E	FX
84,62	0,0	12,31	1,54	1,54	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, Mgr. Martin Novák, PhD., Mgr. Eva Malobická, PhD.

Last change: 15.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-033/16	Course title: Occupational Health Services and Health Protection at Work
Educational activities: Type of activities: practicals Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 4.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-009/15 - Toxicology and Occupational Diseases	
Course requirements: EVALUATION: a/ 100% attendance at practicals – 14 hours per 2 points, together max. 28 points b/ exam - ppt presentation and advocation of work from practice max. 72 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused missing is allowed (in accordance with the Study Rules of the JFM CU), however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student understands scope of the work of the occupational health service. The student understands the assessment of an overload of workers. The student is able to apply knowledge in counseling and educational activities.	
Class syllabus: Management of occupational health services. Tasks of an occupational health services' team – administration. Initial audit – processing of materials in contracting company, identification of threads. Risk assessment. Categorisation of works. Preventive measures of technical, hygienic and organization nature. Personal protection tools when performing work. Operational rules at workplaces. Supervision of workers' health. Preventive check-up and respective conclusions. Education of workers to maintain and promote health during work. Healthy diet and healthy life-style.	
Recommended literature:	

Obligatory literature:

Zákonné ustanovenia o bezpečnosti a ochrane zdravia pri práci, vyhlášky MZ SR k uvedenej problematike. www.slov-lex.sk

Legáth, L., Buchancová, J. a kol. Pracovné lekárstvo. Vybrané kapitoly. Martin: Osveta, 2020. 295 s. ISBN 978-80-8063-493-3

www.ilo.org

Recommended literature:

Šubrt, B., Tuček, M.: Pracovnělékařské služby. Olomouc:Anag, 2015, 351 s., ISBN 978-80-7263-944-1

ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva II. Bratislava: PRO, 2014, ISBN: 9788089057443

Mullerová, D. a kol. Hygiena, preventivní lékařství a veřejné zdravotnictví. Praha: Karolinum, 2014. 256 s. ISBN 978-80-246-2510-2

Buchancová, J. a kol. Pracovné lekárstvo a toxikológia. Martin: Osveta, 2003, 1133 s., ISBN 80-8063-113-1

OSINA, O., SADLOŇOVÁ, J. Toxikológia – vybrané kapitoly. Martin: JLF UK, 2016. 95 s. ISBN 978-80-8187-027-9 (dostupné na MEFANET) ... presun z povinnej

Časopisy Pracovní lékařství

Languages necessary to complete the course:

slovak, czech

Notes:**Past grade distribution**

Total number of evaluated students: 50

A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Janka Buchancová, CSc., RNDr. Mária Hrušková, PhD., MPH, Mgr. Romana Ulbrichtová, PhD., MUDr. Tibor Záborský, PhD., MPH

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.KSMCh/J-2-VZ-002/22	Course title: Oral health
Educational activities: Type of activities: practicals / lecture Number of hours: per week: ,5 / 1 per level/semester: 7 / 14 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: Attendance on practical exercises 80% Continuous assessment test form, minimum level succes 65 %, maximum number of points are 20, minimum number of points are 13 Final evaluation in the form of test examination, minimum to pass: 65% Evaluation Scale: A: 93–100 %, B: 86–92 %, C: 79–85 %, D: 72–78 %, E: 65–71 %, FX: 64 % and less Scale of assessment (preliminary/final): Credit testFinal test	
Learning outcomes: Acquirement of complex information about the aims, projects and epidemiological studies concerning the oral health. Students understand the principles of prevention from occurrence of prosthetic defects, orthodontics anomalies, diseases of TMJ, oncological diseases in oromaxillofacial region and injuries in oromaxillofacial area. Students are capable of applying the knowledge actively in work with patients in dental practice.	
Class syllabus: Definition of Oral Health and Prevention. Primary, Secondary and Tertiary Prevention, projects of WHO. Epidemiology of Diseases of Oral Cavity, Methods of Epidemiologic Studies, Results Interpretation. The Role of Nutrition, Biochemical Activity and Metabolism in Oral Cavity. The Importance of Nutrition in Prevention of Caries. Oral Health – Aims of WHO For Oral Health Protection. Project WHO – „Health for all by the Year 2000“ and „Health 21“. Caries, Definition, Etiology, Diagnostics, Treatment and Complications. Dental Plaque: Definition, Composition, and Etiopathogenesis in Formation of Diseases of Oral Cavity Plaque Detection, Indices. Role of Dental Hygiene in Oral Health, Motivation and Briefing of the Patient. Dental Calculus: Definition, Composition, and Etiopathogenesis in Formation of Diseases of Oral Cavity.	

Initial Arrangement of Individual Prophylaxy.
 Professional Teeth Cleaning. Reconstruction and Polishing of Fillings to Remove the Marginal irritations.
 Local and General Methods of Teeth Fluoridation.
 Epidemiology of Chronic, Infectious, Non- transmissible Diseases – Caries, Periodontal Diseases.
 Results of Epidemiological Studies in Europe and in the Slovak Republik.
 Age- groups Important for Observation of Parameters of Oral Health
 Participation of Particular Governmental Structures in Health Protection.
 Importance of Education and Briefing on Oral Health in Primary Prevention
 Practical Realisation of Oral Health Education in Elementary Schools for Children Aged 6-14 - According to the Model and Recommendations of WHO.
 Prevention of the Overall Complications in Dentistry
 Prevention of Complications and Treatment of Patients with Complex Diseases.
 Prevention of Orthodontic Anomalies.
 Prevention in Prosthetics.
 Prevention of Diseases of TMJ.
 Prevention of Injuries in Oromaxillofacial Region.
 Prevention of Oncological Diseases in Oromaxillofacial Region.

Recommended literature:

Ján Vaško a kol.: Stomatológia, Martin: Osveta, 1994, 138 s., ISBN 8021705515
 Javorka, V., Janková, M., Tomandlová, A.: Praktické cvičenia z preventívnej stomatológie. Bratislava: Univerzita Komenského, 1995. 81 s. Skriptá. ISBN 80-223-0910-9.
 Kilian, J. a kol.: Prevence v stomatologii. Praha: Galén, 1999. 239 s. ISBN 80-7262-022-3.
 Kovaľová, E. a kol.: Orálna hygiena 2 a 3. Prešov: Pavol Šidelský # Akcent print Zúrrich, 2010. 667 s. ISBN 978-80-89295-24-1.
 Kovaľová, E. a kol.: Orálna hygiena 4. Prešov: Prešovská Univerzita, 2012. 334 s. ISBN 978-80-555-0567-1.
 Kovaľová, E., Čierny, M.: Orálna hygiena 1. Prešov: Pavol Šidelský # Akcent print Zúrrich, 2006. 308 s. ISBN 80-969419-3-3.

Languages necessary to complete the course:

slovak language

Notes:

Past grade distribution

Total number of evaluated students: 0

A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: doc. MUDr. Mária Janičková, PhD., MPH, Mgr. Viera Buchová, PhDr. Mária Zibolenová, PhDr. Libuša Kovalská, MDDr. Sarah Kalmanová, MUDr. Katarína Mikušková, PhD.

Last change: 17.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-004/15	Course title: Practice in Hygiene and Epidemiology
Educational activities: Type of activities: practicals Number of hours: per week: 8 per level/semester: 112 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 1.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION: a/ mandatory 100 % attendance at practice (0.5 p.) max. 20 p. b/ report about so far attended practice max. 40 p. Report content (for each of three parts): - characteristics of the department (work activities) - description of all situations dealt during practice at the department - benefits for student Complete report should be submitted to secretariat of the Public Health Department JFM CU. c/ oral knowledge verification (model situations) max. 40 p. Diary of practical study course should be submitted to secretariat of the Public Health Department JFM CU in 14th week. Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Minimal success rate 60% Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student understands professional knowledge, skills, habits and working abilities in individual departments of the Regional Public Health Authorities. The student is actively involved in working schedule at appointed departments The student is able to understand organization of work at the departments of Epidemiology, Preventive Occupational Medicine, Environmental Hygiene, Nutrition Hygiene, Hygiene of Children and Youngsters and Health Education	
Class syllabus:	

Preventive occupational medicine, epidemiology, environmental hygiene, hygiene of children and adolescents, nutritional hygiene – the new legislation. Counselling in nutrition. Counselling in hygiene of children and adolescents. Counselling in hospital hygiene – regime precautions, operational rules. Project documentation. Development of intervention programmes. Practical procedures related to food supervision and state health supervision. Practical approaches in documentation processing, development of a respective documentation (risk assessment, operational rules). Basic laboratory techniques. Selected analytic techniques.						
Recommended literature: Obligatory literature: ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva II. Bratislava: PRO, 2013, ISBN: 9788089057443 Aktuálne platné právne predpisy Recommended literature: ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva I. Bratislava: PRO, 2011. ISBN: 9788089057337						
Languages necessary to complete the course: slovak						
Notes:						
Past grade distribution Total number of evaluated students: 65						
A	ABS0	B	C	D	E	FX
41,54	0,0	36,92	15,38	4,62	1,54	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, MUDr. Tibor Záborský, PhD., MPH, Ing. Stanislav Kuka, PhD., RNDr. Mária Marušiaková, PhD., MPH, Mgr. Martin Novák, PhD.						
Last change: 15.03.2022						
Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH						

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚPAs/J-2-VZ-013/15	Course title: Promotion and protection of health
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 2.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-006/15 - Basics of Clinical Disciplines with Focus on Disease Prevention	
Course requirements: Evaluation of students takes the form of a written test, the minimum threshold of success: 60%. Defence the semester thesis on health education project. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 59 % and less.	
Learning outcomes: By completing the course the student will specify information about the process of health promotion and disease prevention in the population. Become familiar with the determinants of health. The student <ul style="list-style-type: none"> • can identify risk factors of lifestyle, environment in relation with support and protection of health; • can apply the objectives of the programs (21 WHO Health and National Health Promotion Programme of the Slovak Republic) to promote and protect the health of individuals, families and communities; • is able to apply the knowledge in the context of health promotion and protection of Humanities and Natural Sciences; • is able to plan, prepare and implement health education projects in relation to the protection and promotion of health for individuals of all age periods; • • can apply the applicable standards in the promotion and protection of the health of individuals, families, communities. 	
Class syllabus: Health and quality of life , health promotion , disease prevention , health maintenance , health protection , dimension of self comfort . Behavior in relation to health and disease and its possible changes . Health Impact Assessment. The Health Belief Model. The health promotion model. Health-promoting behaviors and Health protection. Other theoretical frameworks of health promotion. Precede-proceed model. Behavior change communication model. The self-regulation model. Promotion and protection of health: implementation of health education projects (Social support).	

Promotion and protection of health: implementation of health education projects (Physical activity, Proper posture).

Promotion and protection of health: implementation of health education projects (Mental Hygiene and stress).

Promotion and protection of health: implementation of health education projects (Accidents and injuries , Obesity).

Promotion and protection of health: implementation of health education projects (Overeating).

Promotion and protection of health: implementation of health education projects (Risk sex).

Recommended literature:

Languages necessary to complete the course:

Slovak language, Czech language

Notes:

Past grade distribution

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
50,0	0,0	33,93	12,5	1,79	1,79	0,0

Lecturers: PhDr. Simona Kelčíková, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

STATE EXAM DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-SS2/16	Course title: Public Health (2)
Number of credits: 10	
Educational level: II.	
Recommended prerequisites: The student can perform the state exam in the regular term, assigned by schedule of the study, after fulfillment of tasks determined by the study program.	
Course requirements: 2 Public Health II Evaluation involves following parts: a) Practical part of the exam (student draws one from 25 questions): - student presents and justifies practical dealing with a concrete model situation - student describes, explains and assesses a shown protocol b) Theoretical part of the exam (student draws one from 25 complex questions) Final evaluation (max. 100 points) Achieved points Evaluation/grade 100 – 91 A (excellent - 1) 90 – 81 B (very good – 1.5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory – 2.5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Scale of assessment (preliminary/final): 100/100	
Learning outcomes: The graduate of public health understands legislation employed in public health and in performance of the state health supervision. He/she knows and is able to employ the legislation and decision processes in areas of health protection, methods of evaluation, management and communication of health risks, methods of promotion and protection of health as well as counselling in public health; methods of work-health service; methods of intervention programs and projects. The graduate is able and has got skills to perform preventive activities in accordance with principles of health policy on all levels. The graduate understands principles of protection, promotion and strengthening of health. He/she is generally educated and professionally prepared to understand associations among preventive medicine, biomedical and social sciences as well as human sciences and to be able to transform this understanding into approach in prevention, protection and promotion of health. The graduate of public health is able practically apply gained knowledge in solving of problems. He/she is able to act purposefully, circumspectly and decisively in accordance with legal norms, to command important manual skills, to adapt in related branches, to think logically and to work both individually and in teams.	
Class syllabus: Preparation for the state exam through self-study employing theoretical knowledge gained during the study and practical skills (gained during practice in hygiene and epidemiology in the 1st year of study).	

Practical part of the state exam:

- the student presents and justifies practical solution of a concrete model situation
- the student describes, explains and evaluates the proposed record.

Theoretical part of the state exam:

responding to a complex question to present comprehensive theoretical knowledge on a given problem as well as ability to express essential issue of the problem

State exam syllabus:

The content includes articles Public Health completed within the magister study

Recommended literature:

Recommended literature:

1. HUDEČKOVÁ, H., ŠVIHROVÁ, V., Nováková, E., Szilágyiová, M.: Verejnozdravotné aspekty osýpok. Bratislava: A-medi management, 2018, 84 s., ISBN 978-80-89797-29-5
2. JURKOVIČOVÁ, J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5
3. BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0
4. KLEMENT, C. Verejné zdravotníctvo. História, Súčasnosť, Analýza, STRATÉGIA, Rozvoj. Banská Bystrica: PRO, 2019, 432 s., ISBN 978-80-890-5780-1BAZOVSKÁ, S. a kol.: Špeciálna epidemiológia. Bratislava: UK, 2007. 337 s. ISBN 978-80-223-2301-7
5. OZOROVSKÝ, V. a kol. Sociálne lekárstvo. Bratislava: SAP, 2019. 226 s. ISBN 9788089607686
6. Bazovská, S. a kol.: Špeciálna epidemiológia, 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0
7. HUDEČKOVÁ, H., ŠVIHROVÁ, V. Očkovanie. Martin: Vydavateľstvo Osveta, 2013, 227 s., ISBN: 978-80-8063-396-7
8. KOMÁREK, L., PROVAZNÍK, K. Prevence v praxi. Praha, Nadace CINDI v spolupráci s 3.lékařskou fakultou Univerzity Karlovy, 2009. 603s.
9. ROSIVAL, L., ZIKMUND, V.: Preventívna medicína. Martin, Osveta 1992, 371 s.
10. MULLEROVÁ, D. A kol. Hygiena, preventivní lékařství a veřejné zdravotnictví. Praha: Karolinum, 2014. 256 s. ISBN 978-80-246-2510-2
11. BUCHANCOVÁ, J., KLIMENTOVÁ, G., ŠULCOVÁ, M., FABIANOVÁ, E.: Pracovné lekárstvo a toxikológia, Osveta, Martin 2003, 1133 s. http://www.who.int/phe/health_topics/en/
12. JAKUŠOVÁ, V. Základy zdravotníckeho manažmentu. 1. vyd. Martin: Osveta, 2010, 142 s. ISBN 978-80-8063-347-9.
13. JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016. 156 s. ISBN 978-80-8063-447-6.
14. ŠAGÁT T.: Organizácia zdravotníctva. Martin: Osveta, 2004. 210 s. ISBN 80-8063-143-3.
15. Zdravie pre všetkých v 21. storočí. Copenhagen, WHO Regional Office for Europe, European Health for ALL Series No 6, 1999 224 s.
16. Aktuálna legislatíva z oblasti verejného zdravotníctva a poskytovania zdravotnej starostlivosti. www.slov-lex.sk, <http://eur-lex.europa.eu/homepage.html?locale=sk>
17. MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.
18. MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2
19. <https://moodle.uniba.sk/>
20. LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul [cit. RRRR-MM-DD]. Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf

21. Smernica rektora UK č. 7/2018 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave. Dostupné na: https://uniba.sk/fileadmin/ruk/legislativa/2018/Vp_2018_07.pdf18.
22. Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných (bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútorný predpis č. 43/2013). Dostupné na: http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf
23. Entrez PubMed (Medline). Dostupné na: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>
24. SCOPUS. Dostupné na: www.scopus.com
25. ŠTUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>

Languages necessary to complete the course:

slovak, czech, english

Last change: 17.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-003/15	Course title: Public Health Counselling
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 1.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION a/ 100% attendance – 2 points for each practical max. 28 points b/ continuous test (18 questions per 2 points) max. 36 points c/ final test (18 questions per 2 points) max. 36 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Minimal success rate 60% Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 30 points until the end of 7th week and 60 points altogether are needed. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student is able to implement counselling in basic, specialized advisory centers in health promotion and identifying and minimizing individual risk of chronic non-communicable diseases (cardiovascular, oncologic and others).	
Class syllabus: Basic counselling centre for health promotion (content, aim of activity, methodical regulations of the Ministry of Health of the Slovak Republic for establishment, running and activity of the centres, arrangement and material-technical equipment, types of centres). Scheme of process in a basic counselling centre (patient history, standard anthropometric and somatic examination, biochemical examination, evaluation of parameters, risk indexes). Physical activity counselling.	

Smoking cessation counselling. Counselling regarding addictions to other psychoactive substance. Healthy nutrition counselling. Activities of counselling centres in Slovakia. Counselling to promote mental health. Evaluation of nutritional status in selected population groups in Slovakia.

Recommended literature:

Obligatory literature:

JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5

Recommended literature:

KOLEKTÍV AUTOROV. Metodická príručka pre prácu v poradniach zdravia. Manuál pre poradne zdravia pri ŠZÚ v SR. Bratislava: Ministerstvo zdravotníctva SR, 2000, 57s. ISBN 80-7159-125-4

(http://verejnezdravotnictvo.szu.sk/SK/2006/2006_2-3/ochaba-poradenstvo_06.htm)

KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.

MULLEROVÁ, D. Zdravá výživa a prevence civilizačných nemocí ve schématech. Praha: Triton, 2003, 99 s.

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 65

A	ABS0	B	C	D	E	FX
70,77	0,0	26,15	3,08	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD., Mgr. Eva Malobická, PhD., Mgr. Eliška Štefanová, PhD., doc. MUDr. Igor Ondrejka, PhD.

Last change: 15.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-037/16	Course title: Public Health of Specific Population Groups (Health Inequalities)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 4.	
Educational level: II.	
Prerequisites: JLF.ÚPAs/J-2-VZ-013/15 - Promotion and protection of health	
Course requirements: Evaluation: Requirements for successful completion of course: (max. 100 points): a/ mandatory attendance at lectures and practicals: (1 p. per 1 hour - max. 28 points) Only one excused absence is allowed (in accordance with the Study Rules of the JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher). Points can be given also for outstanding activity at practicals (max 2 points per practical). b/ continuous test 1 – 16 questions per 2 points (max. 32 points) c/ continuous test 2 – 20 questions per 2 points (max. 40 points) Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, at least 60 points in final evaluation are needed. In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student understands characteristics of specific groups of population and the most common problems from public health aspect. The student is able to apply knowledge in the specific groups of population in promoting and protecting their health.	
Class syllabus: Characteristics of a community. Equity in health as a public health issue. Vulnerable groups – women, children, seniors, Roma population, persons addicted to alcohol and other substances. Minority groups – homeless, unemployed and immigrants.	

Recommended literature:

Obligatory literature:

JURKOVIČOVÁ J. a kol. Hygiena. Bratislava: Vydavateľstvo UK, 2020. 482 s. ISBN 978-80-223-4905-5

MÓRICOVÁ, Š., BARTOŠOVIČ, I., HEGYI, L. Znevýhodnené skupiny vo verejnom zdravotníctve. Bratislava: VEDA, 2013, 144 s. ISBN 978-80-224-1278-0

<http://www.socpoist.sk><http://www.health.gov.sk><https://www.zdraveregionny.eu/><https://nadacia-granvia.sk/><https://www.employment.gov.sk/sk/>

Recommended literature:

Hanzlíková A. a kol. Komunitné ošetrovateľstvo. Martin: Osveta, 2006, 279 s. ISBN 80 8063 213 8.

Languages necessary to complete the course:

slovak language

Notes:**Past grade distribution**

Total number of evaluated students: 50

A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Viera Švihrová, CSc., PhDr. Marta Tkáčová, PhD.**Last change:** 07.04.2022**Approved by:** prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-016/15	Course title: Public Relations
Educational activities: Type of activities: practicals Number of hours: per week: 1 per level/semester: 14 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION Requirements for successful completion of course and (max. 100 points) Successful completion of course is based on three conditions: a) 100 % active attendance on practicals (7 practicals/4 points – max. 28 points) Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) Activity of student can be honoured by maximally 2 points b) Paper presentation – specific situations in communication (max. 34 points) c) Continuous test (19 questions per 2 points, max. 38 points) Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during study period. For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student understands the basic characteristics and roles of public relations. The student understands the basic knowledge of the various forms of communication – from preparation to realization outcome. The student understands why it is necessary to establish good relations with the public and to participate systematically in the controlled process of communication. The student is able to apply knowledge in model situations during the seminars.	
Class syllabus:	

Basic terminology in public relations, public relations and mass media. Communication process in public health – ways and methods of verbal and non-verbal communication. Employment of public relation in public health practice. Model situations – propagation of vaccination, prevention of cardiovascular diseases, emergent epidemiological situations.

Recommended literature:

Recommended literature:

Hejlová D. Public relations, Praha: Grada, 2015, 256 s. ISBN 978-80-247-5022-4

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 56

A	ABS0	B	C	D	E	FX
98,21	0,0	1,79	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Viera Švihrová, CSc., Mgr. Romana Ulbrichtová, PhD.

Last change: 15.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-031/22	Course title: Research in Public Health II. (1)
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 2.	
Educational level: II.	
Prerequisites:	
Course requirements: Content of the course Evaluation of the course The course content consist from contact teaching, supervised self-study and development of diploma thesis guided by a tutor. Student should during the semester continuously document progress of diploma thesis development through concrete outcomes (bibliographic search, text drafts, collected materials obtained during fieldwork, prepared databases etc.). The progress is continuously documented in Student's Working Diaries (SWDs) I and II. Until 7th week and after end of the semester, the student should prove via SWDs at least 30 working hours and document concrete outcomes obtained within this time. Course evaluation is based on SWDs and proposal of the tutor of the diploma thesis. Evaluation a) Working Diary I max. 50 points b) Working Diary II max. 50 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) In case of insufficient fulfilment of conditions for continuous evaluation stated in the syllabus, the guarantee assigns a term for their substitution during exam period. For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student is able to deal with the first part of a scholar work: making high-quality bibliographic search, selection and categorization of retrieved resources, compilation	

and wording of a concise text, choice of the appropriate design of the work, formulation of goals or hypotheses

Class syllabus:

Practical implementation of scientific activities in public health within the framework of development of a master degree diploma thesis: compilation of a review of current body of knowledge in the selected problem, formulation of the main problem of a research, its goals and hypotheses, proposal of appropriate research methods, planning of empirical data collection.

Recommended literature:

Obligatory literature:

<https://moodle.uniba.sk/>

Entrez PubMed (Medline). Dostupné na: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>

SCOPUS. Dostupné na: www.scopus.com

ŠTDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>

LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul [cit. RRRR-MM-DD]. Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf

Recommended literature:

MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2

MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 0

A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 18.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-028/16	Course title: Research in Public Health II. (2)
Educational activities: Type of activities: independent work Number of hours: per week: per level/semester: 90s Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 3.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-031/22 - Research in Public Health II. (1)	
Course requirements: Requirements: Student should continuously document progress of the diploma thesis development during the semester via specific outputs (composition of each chapter's text, field work, processing of the collected material, prepared database, summary and analysis of results and other) Advance is continuously documented in the Student's Work Diaries (SWDs). After the end of 7th week and end of semester, student has to prove at least 30 hours of work via SWDs I and II and document specific outputs obtained during this time. In case of not submitting the SWDs until the given deadline, student can lose points upon consideration of the teacher. Evaluation of subject will be attributed according to submitted SWDs and proposal of the respective teacher. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student is able to apply his/her knowledge in a preparation of the next part of a scholar work: essentials of a field work, information collection, preparation for computer processing of obtained data, summarization and analysis of results.	
Class syllabus: Practical implementation of scientific activities in public health within the framework of development of a master degree diploma thesis: preparatory works and logistics of empirical data collection. Preparatory works for a fieldwork. Data collection. Development of a database. Development of a text "Material and methods", Preparatory works of data processing, design of summarisation and presentation of results.	
Recommended literature: Obligatory literature: https://moodle.uniba.sk/ Smernica rektora UK č. 7/2018 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave: https://uniba.sk/fileadmin/ruk/legislativa/2018/Vp_2018_07.pdf Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných(bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútný predpis č. 43/2013). Available at:	

http://www.jfmed.uniba.sk/fileadmin/jlf/Dekanat/Sekretariat/Legislativa/Rok_2013/VP_2013_43_zaverecne_prace.pdf
 Entrez PubMed (Medline). Available at: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>
 SCOPUS. Available at: www.scopus.com
 STUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>
 LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul. Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf
 Recommended literature:
 MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 55

A	ABS0	B	C	D	E	FX
98,18	0,0	0,0	1,82	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-032/16	Course title: Research in Public Health II. (3)
Educational activities: Type of activities: practicals Number of hours: per week: 10 per level/semester: 140 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 4.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-028/16 - Research in Public Health II. (2)	
Course requirements: Content of the course Evaluation of the course The course content consist from contact teaching, supervised self-study and development of diploma thesis guided by a tutor. Student should during the semester continuously document 140 hours in a presence form (according to the schedule) and 30 hours as supervised self-study to complete the diploma thesis via concrete outcomes (compilation of chapters, processing of results, development of the discussion, abstract writing, final corrections, preparation for printing and binding, preparation for defence and presentation). The progress is continuously documented in Student's Working Diary (SWD): 1) During 1st to 7th week of the semester, student should compete the fiplome thesis. The progress is continuously checked by the teacher responsible for the course. The tutor confirms the consultation on a weekly base. 2) During the 11th week, student prepares defence and the respective presentations. Progress is checked by the teacher and the tutor. The student should prove via SWDs at least 140 working hours and at least 6 consultations with the tutor. Course evaluation is based on a proposal of the tutor of the diploma thesis. . EVALUATION: a/ 100% attendance at 8 weekly study blocks (one per 4 points) max. 32 points b/ diary – documentation of 140 hours of work max. 68 points Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Scale of assessment (preliminary/final): 0/100	
Learning outcomes:	

After completion of the subject the student is able to apply theoretical knowledge in practice in finalizing of scholar work: interpretation of results, discussion and conclusions, practical recommendations, list of bibliographic references, making of abstract, appropriate presentation of the work

Class syllabus:

Practical implementation of scientific activities in public health within the framework of development of a master degree diploma thesis: processing of results and their analysis, presentation of the results, development of graphs and tables containing the results, formulation of recommendations and conclusions emerging from the results, formal and graphical editing of the diploma thesis.

Recommended literature:

Obligatory literature:

<https://moodle.uniba.sk/>

Smernica rektora UK č. 7/2018 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave: https://uniba.sk/fileadmin/ruk/legislativa/2018/VP_2018_07.pdf
Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných(bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútorný predpis č. 43/2013).

Available at: http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf

Entrez PubMed (Medline). Available at: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>

SCOPUS. Dostupné na: www.scopus.com

ŠTUDOVŇA GOOGLE. Dostupné na: <https://scholar.google.sk/>

LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf

Recommended literature:

MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2

MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 50

A	ABS0	B	C	D	E	FX
94,0	0,0	2,0	4,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 07.04.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-027/16	Course title: Social Aspects in Health Care
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 3.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-006/15 - Basics of Clinical Disciplines with Focus on Disease Prevention	
Course requirements: EVALUATION: Requirements for successful completion of the course: (max. 100 points): a/ 100% attendance – 2 points for each lecture and practical, together max. 28 points b/ ppt presentation max. 12 points c/ oral exam (1) max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with the Study Rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher). For successful completion of the course, at least 60 points in final evaluation are needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes:	
Class syllabus: An introduction to the subject, Act on Social Insurance and healthcare delivery. Socio-economic aspects of healthcare delivery - equity, accessibility, health inequalities. Social aspects of healthcare for mother and child. Social aspects of oncology and palliative care. The causes of disability - injury, non-traumatic - congenital, acquired diseases Social aspects of selected diseases.	
Recommended literature: Obligatory literature: Zákon č. 461/2003 Z. z. o sociálnom poistení v znení neskorších predpisov http://www.socpoist.sk	

http://www.health.gov.sk Recommended literature: Rievajová E. a kol. Sociálne zabezpečenie. Bratislava: Sprint, 2006, 272 s. ISBN 80-89085-62-8						
Languages necessary to complete the course: slovak						
Notes:						
Past grade distribution Total number of evaluated students: 55						
A	ABS0	B	C	D	E	FX
92,73	0,0	7,27	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Viera Švihrová, CSc., PhDr. Marta Tkáčová, PhD., Mgr. Romana Ulbrichtová, PhD., Mgr. Eliška Štefanová, PhD.						
Last change: 07.04.2022						
Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH						

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-009/15	Course title: Toxicology and Occupational Diseases
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 28 / 14 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 1.	
Educational level: II.	
Prerequisites:	
Course requirements: Evaluation a/ 100% attendance – 1 point for each lecture and practical, together max. 21 points b/ ppt presentation max. 19 points c/ written exam test (20 questions) max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student understands problems of occupational medicine, toxicology and environment. The student is able to analyze selected occupational diseases and to apply knowledge in preventive measures to protect and promote health in order to reduce occurrence of the occupation related health disorders.	
Class syllabus: Current tasks in occupational medicine and toxicology. Development of occupational health services. Overview on occupational diseases. Chemical factors in a workplace and environment. Health damage caused by toxic metals. Health damage caused by selected organic compounds. Health damage by suffocating and irritating gases. Pneumoconioses. Overview on occupational infectious and allergic diseases of the respiratory system. Selected health disorders caused by physical causes. Diseases caused by long-term unilateral overloads of extremities. Occupation	

related injuries. Legislation and system of occupational medicine work. Notification of occupational diseases, assessment of pain compensation and worsened social inclusion due to occupational diseases. Dispensarization of occupational diseases. Prevention of occupational diseases and other occupation related health disorders.

Recommended literature:

Obligatory literature:

Legáth, L., Buchancová, J. a kol. Pracovné lekárstvo. Vybrané kapitoly I. Martin: Osveta, 2020, 295 s. ISBN 978-80-8063-493-3

OSINA, O., SADLOŇOVÁ, J. Toxikológia – vybrané kapitoly. Martin: JLF UK, 2016. 95 s. ISBN 978-80-8187-027-9 (dostupné na MEFANET)

Recommended literature:

BUCHANCOVÁ, J. a kol. Pracovné lekárstvo a toxikológia. Martin: Osveta, 2003; 1133 s. ISBN 80 8063-113-1.

PELCLOVÁ, D. a kol. Nemoci z povolání a intoxikace. Praha: Grada, 2006; 207 s. ISBN: 80-246-1183-X

Mullerová, D. a kol. Hygiena, preventivní lékařství a veřejné zdravotnictví. Praha: Karolinum, 2014. 256 s. ISBN 978-80-246-2510-2

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 65

A	ABS0	B	C	D	E	FX
98,46	0,0	1,54	0,0	0,0	0,0	0,0

Lecturers: Mgr. Róbert Čecho, PhD., RNDr. Mária Hrušková, PhD., MPH, MUDr. Tibor Záborský, PhD., MPH, Ing. Stanislav Kuka, PhD., doc. MUDr. Elena Nováková, PhD., doc. RNDr. Ľudovít Mušák, PhD., Mgr. Romana Ulbrichtová, PhD.

Last change: 15.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-008/15	Course title: Travel and Tropical Medicine (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 1.	
Educational level: II.	
Prerequisites:	
Course requirements: CONTINUOUS EVALUATION: a/ 100% attendance – 2 points for each lecture and practical, together max. 28 bodov c/ Preparation of presentations - 18 points for each presentation, together max. 36 bodov b/ Continuous test (18 questions per 2 points) max. 36 bodov Review preparation: Each student has to prepare two presentations until the end of 7th week, which have to be presented later, according to his choice from following possible topics: <ol style="list-style-type: none"> 1. Cholera 2. Bacterial dysentery 3. Protozoic intestinal diseases 4. Traveler's diarrhoea 5. Yaws and non-veneric treponematoses 6. Buruli ulcer 7. Trachoma 8. Rabies 9. Yellow fever 10. African trypanosomiasis 11. American trypanosomiasis 12. Leishmaniasis 13. Epidemic typhus 14. Plague 15. Lepra 16. Anthrax 17. Ebola 18. Crimea-Congo fever 19. Hantavirus fevers 20. Dengue 21. Japanese B-encephalitis 22. Neonatal tetanus 23. Brucellosis 24. Coronavirus infections (MERS, SARS, COVID-19) 	

Presentation structure:

- General characteristics of disease: epidemiology (occurrence, trends, social a health impacts), transmission method, incubation resp. prepatentn time, clinical characteristics (disease course, symptoms, manifestation, prognosis; treatment options)
- Issue from tropical and travel medicine perspective
- Ways of acquirement: occurrence of sources (reservoirs, carriers), infectious agents (characteristics, surviving in external conditions), infectiousness
- Mechanism and conditions of transmission (transmission mechanism, risk groups, risky activities and situation)
- Individual protection from perspective of travel medicine, preventive and repressive measures (measures in Slovak Republic and abroad)

Continuous test will take place in Moodle system (18 questions per 2 points).

Test will be available during 14th week.

Final evaluation (max. 100 points):

Achieved points score Evaluation

100 – 91 A (excellent - 1)

90 – 81 B (very good - 1, 5)

80 – 73 C (good - 2)

72 – 66 D (satisfactory - 2,5)

65 – 60 E (sufficient - 3)

59 and less Fx (fail - 4)

Minimal success rate 60%

Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher)

For successful completion of the course, achieving at least 30 points until the end of 7th week is needed and minimally 60 points in final evaluation.

Scale of assessment (preliminary/final): 0/100

Learning outcomes:

After completion of the subject the student understands the basic terms and importance of tropical medicine, Its most important areas, the specific features of epidemiology and management of infectious diseases in tropical and subtropical regions.

Class syllabus:

Definitions and classification. Specific features of epidemiology, prevention and control of communicable diseases in tropical and subtropical zones. Intestinal infections in tropics and subtropics. Infections of skin and external mucosae in tropics and subtropics. Blood infections in tropics and subtropics. International cooperation in tropical medicine and respective social programs. Selected significant nosological units from the aspect of epidemiology, prevention and therapy.

Recommended literature:

Obligatory literature:

BAZOVSKÁ, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0

<https://moodle.uniba.sk/moodle/>

Recommended literature:

CDC. Traveller's health. <https://wwwnc.cdc.gov/travel/>

WHO Travel Advice: <https://www.who.int/travel-advice>

WHO Neglected tropical diseases: https://www.who.int/health-topics/neglected-tropical-diseases#tab=tab_1

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 65

A	ABS0	B	C	D	E	FX
84,62	0,0	15,38	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD., Mgr. Eva Malobická, PhD.

Last change: 15.03.2022

Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-029/22	Course title: Travel and Tropical Medicine (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 2.	
Educational level: II.	
Prerequisites: JLF.ÚVZ/J-2-VZ-008/15 - Travel and Tropical Medicine (1)	
Course requirements: EVALUATION: Obligatory attendance at lectures and practicals (per 2 points) - (max. 28 p.) Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) Activity of student can be honoured by maximally 2 points Exam test 36 questions (1 question per 2 points) (max. 72 points) Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: Subject is directly related to the subject Travel and Tropical medicine I. After completion of the subject the student understands essentials of medical parasitology focusing on tropical and subtropical areas, problems of non-infectious diseases in the tropics and subtropics, as well as the essentials of travel and migration medicine.	
Class syllabus: The most important parasitic diseases in tropical and subtropical areas. The most important non-infectious disorders of health in the tropics and subtropics. Health disorders caused by poisonous animals. Essentials of travel medicine – practical aspects of travelling, immunization, travelling of specific population groups. International Health Regulations. Essentials of Migration Medicine. Imported infections in Slovakia	
Recommended literature:	

<p>Obligatory literature: Bazovská, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0 https://moodle.uniba.sk/moodle/</p> <p>Recommended literature: CDC. Traveller's health. https://wwwnc.cdc.gov/travel/ WHO Travel Advice: https://www.who.int/travel-advice WHO Neglected tropical diseases: https://www.who.int/health-topics/neglected-tropical-diseases#tab=tab_1</p>						
<p>Languages necessary to complete the course: slovak, english</p>						
<p>Notes:</p>						
<p>Past grade distribution Total number of evaluated students: 0</p>						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
<p>Lecturers: prof. MUDr. Tibor Baška, PhD., prof. MUDr. Henrieta Hudečková, PhD., MPH, Mgr. Eva Malobická, PhD.</p>						
<p>Last change: 07.04.2022</p>						
<p>Approved by: prof. MUDr. Henrieta Hudečková, PhD., MPH</p>						

COURSE DESCRIPTION

University: Comenius University Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-2-VZ-005/15	Course title: Vaccinology
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 14 / 14 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 1.	
Educational level: II.	
Prerequisites:	
Course requirements: EVALUATION: a/ 100% attendance – 2 points for each lecture and practical, together max. 28 points b/ continuous test (6 questions per 2 points) max. 12 points c/ oral exam (2 questions) max. 60 points Final evaluation (max. 100 points): Achieved points score Evaluation 100 – 91 A (excellent - 1) 90 – 81 B (very good - 1, 5) 80 – 73 C (good - 2) 72 – 66 D (satisfactory - 2,5) 65 – 60 E (sufficient - 3) 59 and less Fx (fail - 4) Only one excused absence is allowed (in accordance with Study rules of JFM CU) – however, points are not counted unless appropriately substituted/compensated (the form assigned by the respective teacher) For successful completion of the course, achieving at least 60 points is needed. Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject the student understands basic principles of prevention by vaccination, the effect of vaccines in individuals and herd immunity, public health significance of vaccination strategies and their implementation in the society.	
Class syllabus: Public Health importance of vaccination in Slovakia. Legislation related to vaccination in Slovakia, the National Immunization Program. Composition, types and kinds of vaccines. The principles of appropriate immunization and appropriate vaccination techniques. Management of vaccination. Management of vaccines. Post vaccination reactions and contraindications. Vaccination of specific population groups. Current trends in vaccinology. Evaluation of immunization strategies, monitoring and evaluation of vaccination. The role of WHO and ECDC in vaccination against communicable diseases.	

Recommended literature:

Obligatory literature:

HUDEČKOVÁ, H., ŠVIHROVÁ, V. Očkovanie. Martin: Osveta, 2013, 221 s. ISBN 978-80-80633-96-7

BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0

Recommended literature:

Hudečková, H., Švihrová, V., Nováková, E., Szilágyiová, M.: Verejnozdravotné aspekty osýpok. Bratislava: A-medi management, 2018, 84 s., ISBN 978-80-89797-29-5

JESEŇÁK, M., URBANČÍKOVÁ, I. Očkovanie v špeciálnych situáciách. Praha: Mladá fronta, 2013, 240 s. ISBN 9788020428059

Languages necessary to complete the course:

slovak, czech

Notes:**Past grade distribution**

Total number of evaluated students: 65

A	ABS0	B	C	D	E	FX
93,85	0,0	6,15	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH**Last change:** 15.03.2022**Approved by:** prof. MUDr. Henrieta Hudečková, PhD., MPH