

**Course descriptions**

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## STATE EXAM DESCRIPTION

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |
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| <b>Academic year:</b> 2024/2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                              |
| <b>Course ID:</b><br>JLF/3-VZD-005/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Course title:</b><br>Dissertation Defense |
| <b>Number of credits:</b> 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |
| <b>Course requirements:</b> <ul style="list-style-type: none"> <li>- obtaining at least 210 credits (in a 4-year full-time and 5-year part-time study)</li> <li>- submission of an application for a state examination permit - defense of the dissertation no later than 4 months before the date of completion of the standard length of study</li> <li>- authorship or co-authorship of a doctoral student of at least three scientific papers in extenso in internationally recognized journals registered in databases, such as Web of Science, Medline or SCOPUS as a basic condition for accepting an application for permission to defend a dissertation; in at least one of these works, the doctoral student is the first author</li> </ul>                                                                                                                                         |                                              |
| <b>Learning outcomes:</b> <ul style="list-style-type: none"> <li>- the graduate of the field has mastered the principles and methodology of scientific work, from the ability to orient in the latest knowledge of the field, through scientific formulation of the problem, assessment of the ethical side of scientific work, planning and implementation of research, scientific processing of obtained data, their interpretation to their presentation, including in international fora, and possible proposals for their application in practice.</li> <li>- the graduate of the course Public health 2 can work independently scientifically and bring their own solutions to problems in the field. He/she can contribute to the development of this field through scientific and teaching work</li> </ul>                                                                            |                                              |
| <b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- scientific research on the current problem in the field and the legal aspects of experimental and clinical research in public health</li> <li>- legal aspects of public health activities</li> <li>- ethical and social aspects of scientific work</li> <li>- the development of the field of study (public health) and its contribution to practice</li> <li>- mastering the principles and methodology of scientific experimental work up to the preparation of the text of a scientific publication in cooperation with the trainer in the form in extenso, especially in English</li> <li>- publishing and lecturing activities and active participation in scientific events</li> <li>- pedagogical activity (max. 4 hours per week / year = 208 hours / year = 104 hours / semester) only for full-time form</li> </ul> |                                              |
| <b>State exam syllabus:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                              |
| <b>Recommended literature:</b> <ol style="list-style-type: none"> <li>1. MULLEROVÁ, D. Public Health and Preventive Medicine. Praha: Vydavatel'stvo UK, 2021. 176 s. ISBN 978-80-246-4863-7.</li> <li>2. JURKOVIČOVÁ, J. a kol. Hygiena. Bratislava: Vydavatel'stvo UK, 2020. 482 s. ISBN 978-80-223-4905-5</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |

3. BAKOSS, P. a kol. Epidemiológia. Bratislava: Vydavateľstvo UK, 2013. 517 s. ISBN 978-80-223-3499 0
4. BAZOVSKÁ, S. a kol. Špeciálna epidemiológia, 2. doplnené a aktualizované vydanie. Bratislava: Vydavateľstvo UK, 2017. 366 s. ISBN 978-80-223-4179-0
5. GÖPFERTOVÁ, D., a kol. Epidemiologie. Průvodce epidemiologickou metodou. Praha: Triton, 1999. 224 s., ISBN: 80-7254-037-8
6. LEGÁTH, L., BUCHANCOVÁ, J. a kol. Pracovné lekárstvo. Vybrané kapitoly I. Martin: Osveta, 2020, 295 s. ISBN 978-80-8063-493-3
7. PROVAZNÍK, K. a kol. Manuál prevence v lékařské praxi. Praha: SZÚ, 1994-2004. 736 s.
8. RUSNÁK, M., RUSNÁKOVÁ, V., MAJDAN, M. Bioštatistika pre študentov verejného zdravotníctva. Trnava, 2010, s. 216, ISBN: 978-80-8082-332-0
9. AHRENS, W., PIGEOT, I. Handbook of Epidemiology 2. Ed. Springer, 2014. 2498 s. ISBN: 978-0-387-09834-0
10. JANOUT, V., JANOUTOVÁ, J. Medicína založená na dôkazoch a klinická epidemiológia. Praha: Grada, 2021. 200 s. ISBN: 978-80-271-3076-4
11. FLEMING, M. L., PARKER, E., CORREA-VELEZ, I. Introduction to Public Health, 4th Edition. Elsevier, 2019, 282 p. ISBN 9780729543057
12. WILLS, J. Foundations for Health Promotion, 5th Edition. Elsevier, 2022. 352 p., ISBN 9780702085062
13. COWLEY, S., WHITTAKER, K. Community Public Health in Policy and Practice, 3rd Ed. Elsevier, 2020. 368 p. ISBN 9780702079443
14. ELMORE, J. G., WILD, D., KATZ, D. L., NELSON, H. D. Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health, 5th Edition. Elsevier, 2020. ISBN 9780323681018
15. SHARMA, M. Theoretical Foundations of Health Education and Health Promotion 4th Edition, Kindle Edition. Jones & Bartlett Learning, 2021. 326 p. ISBN 978-1284208627
16. SIMONS-MORTON, B. Behavior Theory in Public Health Practice and Research Paperback – 16 Aug. 2021. Jones & Bartlett Publishers, 2021. 360 p. ISBN 978-1284231717
17. GIESECKE, J. Modern Infectious Disease Epidemiology, 3rd Ed. CRC Press, 2017. 481 p. ISBN 978131522227
18. Aktuálna legislatíva z oblasti verejného zdravotníctva a poskytovania zdravotnej starostlivosti.  
[www.slov-lex.sk](http://www.slov-lex.sk), <http://eur-lex.europa.eu/homepage.html?locale=sk>
19. <http://www.safefoods.nl/>
20. <http://www.fao.org/>
21. [www.who.int](http://www.who.int)
22. <https://www.ecdc.europa.eu/en>
23. <http://www.eufic.org/index/en/>
24. MEŠKO, D., KATUŠČÁK, D., FINDRA, J. a kol. Akademická príručka. Martin: Vydavateľstvo Osveta, 2005. 496 s. ISBN 80-8063-200-6
25. HANÁČEK, J., JAVORKA, K. a kol. Vedecká príprava – učebnica pre študentov medicíny. Martin: Vydavateľstvo Osveta, 2010. 220 s. ISBN 978-80-8063-328-8
26. literature according to the current topic of the work

**Languages necessary to complete the course:**

Slovak language / English language

**Last change:** 21.08.2023

**Approved by:** prof. MUDr. Tibor Baška, PhD., prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Viera Švihrová, CSc.

## STATE EXAM DESCRIPTION

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>Academic year:</b> 2024/2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                  |
| <b>University:</b> Comenius University Bratislava                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                  |
| <b>Faculty:</b> Jessenius Faculty of Medicine in Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                  |
| <b>Course ID:</b><br>JLF/3-VZD-004/22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Course title:</b><br>Dissertation Examination |
| <b>Number of credits:</b> 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                  |
| <b>Educational level:</b> III.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  |
| <b>Course requirements:</b> <ul style="list-style-type: none"> <li>- obtaining at least 60 credits, including 20 credits for mandatory courses of the Methodology of Scientific Work, Introductory of Statistical Analysis and Examination in a Foreign / World Language as a condition for granting consent to take a dissertation exam (DE)</li> <li>- registration for DE within 24 months from the beginning of the study (in a 4-year full-time study)</li> <li>- registration for DE within 30 months from the beginning of the study (in a 5-year external study)</li> <li>- elaboration of a written part for the dissertation exam</li> <li>- successful answering of 2 theoretical questions from the field of Public health and presentation of the basic theses of the written part of the dissertation exam</li> </ul> |                                                  |
| <b>Learning outcomes:</b> <ul style="list-style-type: none"> <li>- the graduate of the subject Public Health 1 has deep theoretical knowledge based on the current state of scientific knowledge in the field, masters scientific research methods with an orientation on new professional, scientific knowledge usable in diagnostics and intervention to solve public health problems</li> <li>- scientifically researched and brings its own solutions to public health problems</li> </ul>                                                                                                                                                                                                                                                                                                                                      |                                                  |
| <b>Class syllabus:</b> <ul style="list-style-type: none"> <li>- determinants of health and disease</li> <li>- environmental health (hygiene)</li> <li>- preventive occupational medicine</li> <li>- epidemiology of infectious and chronic diseases</li> <li>- prevention, protection and promotion of public health</li> <li>- methodology, statistics, risk estimation and evaluation</li> <li>- pedagogical activity is also a part of it (max. 4 hours per week / year = 208 hours / year = 104 hours / semester) only for full-time form</li> </ul>                                                                                                                                                                                                                                                                            |                                                  |
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[www.slov-lex.sk](http://www.slov-lex.sk), <http://eur-lex.europa.eu/homepage.html?locale=sk>
  19. <http://www.safefoods.nl/>
  20. <http://www.fao.org/>
  21. [www.who.int/www.who.int](http://www.who.int/www.who.int)
  22. <https://www.ecdc.europa.eu/en>
  23. <http://www.eufic.org/index/en/>
  24. MEŠKO, D., KATUŠČÁK, D., FINDRA, J. a kol. Akademická príručka. Martin: Vydavateľstvo Osveta, 2005. 496 s. 80-8063-200-6
  25. HANÁČEK, J., JAVORKA, K. a kol. Vedecká príprava – učebnica pre študentov medicíny. Martin: Vydavateľstvo Osveta, 2010. 220 s. ISBN 978-80-8063-328-8
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**Last change:** 10.08.2023

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