

Name of university The seat of the university Identification number of the university Name of faculty **Headquarters of the Faculty** 

St. Elizabeth University of Health and Social Work Palackého 1, 811 02 Bratislava 318 219 79 Department of Health Disciplines Námestie 1 mája 1, 810 00 Bratislava

The university's authority to approve a degree programme:

Programme Board

Date of approval of the study programme or modification of the study programme:

Date of the last change to the programme description:

10.01.2022

Reference to the results of the most recent periodic assessment of the programme of study by the university:

Programme Board - 10. 01. 2022

http://www.vssvalzbety.sk/o-nas/organy-vs/programova-rada

### Basic data about the study programme

The name of the study programme and the number according to the register of study programmes.

Code100297:, UIPŠ Code: 5607V00, Department 7.4.2 Link: https://www.portalvs.sk/sk/morho/zobrazit/100297

b)

Degree of higher education and ISCED-F code of the degree of education. c)

Grade: third **ISCED-F Codes** 

0919Health not elsewhere classified 1022Health and safety at work

1029 Hygiene and occupational health services not elsewhere classified 864 - Doctoral studies at universities - vocationally oriented study programmes

d) Place(s) of the study programme.

The seat of the university

St. Elizabeth's University of Health and Social Work n.o.

Square 1. May No. 1, 810 00 Bratislava

The name and number of the field of study in which the degree programme will lead to a higher education qualification, or the combination of two fields of study in which the degree programme will lead to a higher education qualification, ISCED-F codes of the field(s) of study.

## ISCED-F codes - public health NOT included!

0919Health not elsewhere classified 1022Health and safety at work

1029 Hygiene and occupational health services not elsewhere classified

### Pursuant to Government Regulation No 296/2010

- § 20, Professional competence for the performance of professional activities in the health profession public health officer.
- § 21, Performance of the work activities of a public health officer
- § 22, Professional competence to act as a professional representative in the health profession as a public health practitioner Link: https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2010/296/20210101
- Type of study programme: academically oriented, professionally oriented; translation, combination translation (with indications of qualifications); teacher, combination teacher study programme (with indications of qualifications); artistic, engineering, doctoral, preparation for a regulated profession, joint study programme, interdisciplinary studies.
- Academic degree awarded.

### PhD (Philosophiae Doctor) (in Public Health 7.4.2)

- Form of study. DAILY
- In the case of joint study programmes, the cooperating higher education institutions and the definition of which study obligations are fulfilled by the student at which higher education institution (§ 54a of the Higher Education Act).

The language or languages in which the study programme is conducted.

Slovak language 3years

- Standard length of study expressed in academic years.
- Capacity of the study programme (planned number of students), actual number of applicants and number of students.

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### 2. Graduate profile and learning objectives

https://www.vssvalzbety.sk/userfiles/Studijne%20oddelenie/bratislava/pre%C4%8Do%20u%20n%C3%A1s%20%C5%A1tudova%C 5%A5/VS3.2.f.2.tud.prpgramy-profilabs.vstupyzodp.poslaniuV.pdf
https://www.vssvalzbety.sk/studijne-oddelenie/preco-studovat-u-nas/profil-absloventa

a) The university will describe the learning objectives of the program of study as the student's competencies at the time of completion of the program of study and the major learning outcomes.

General characteristics of the graduate's professional profile (3rd degree) The graduate masters scientific methods of research with orientation to new professional, scientific knowledge applicable in diagnostics and intervention to solve public health problems. He/she is capable of independent creative scientific activity in the field of public health.

b) The university indicates the occupations for which the graduate is prepared at the time of graduation and the potential of the study programme in terms of graduate employment.

Health profession: public health officer as defined by Government Regulation 296/2010.

### **Government Regulation No 296/2010**

- § 20, Professional competence for the performance of professional activities in the health profession public health officer.
- § 21, Performance of the work activities of a public health officer
- § 22, Professional competence to act as a professional representative in the health profession as a public health practitioner Link: <a href="https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2010/296/20210101">https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2010/296/20210101</a>
- c) Relevant external stakeholders who have provided a statement or a favourable opinion on the compliance of the acquired qualification with the sector-specific requirements for the exercise of the profession.

#### Ministry of Health of the Slovak Republic

Link: https://www.vssvalzbety.sk/studijne-oddelenie/preco-studovat-u-nas/profil-absloventa https://www.vssvalzbety.sk/o- us/graduates-application

### 3. Applicability

a) Evaluation of the employability of graduates of the study programme.

Graduate's employment: state health institutes, occupational health services (occupational health services), hospitals: health protection of patients and workers in hospitals (hospital hygienist), research manager, health services manager, research institutes focusing on: non-infectious mass diseases, environment and health, infectious diseases, occupational environment and health, health clinics: Promoting healthy lifestyles, non-state organizations: health promotion projects, intervention programmes, labour inspectorates, state administration (ministries and departments of health, environment), local government: issues related to the protection and promotion of people's health, environmental influences on health, preventive programmes. The graduate will be employed as a health worker in all departments of state health institutes, in hospitals, in facilities outside the health department in the field of health protection, environment and working environment.

### in 2019 - 0% of our graduates were unemployed :

 $\frac{\text{https://uplatnenie.sk/?degree=V\%C5\%A0\&vs=724000000\&faculty=\&field=5607V00\&year=2019}{\text{https://www.vssvalzbety.sk/o-nas/uplatnenie-absolventov}}$ 

b) Alternatively, list successful graduates of the study programme.

MUDr. Mgr. Štefánia Chovanová, PhD. - hospital epidemiologist UNB Bratislava MUDr. Zsoltán Borbély, PhD. primary of the Department of Internal Medicine, New Castle MUDr. Ivana Szakácsová - Department of Clinical Microbiology, Nitra Hospital Ing. Miroslava Bella Sumková, PhD. , AGEL Slovakia

c) Employers' evaluation of the quality of the study programme (feedback).

The evaluation is carried out in accordance with the document "Creation, application and evaluation of the internal quality system of SEU", as well as the Study Regulations and the Rector's Regulations, available at:

https://www.vssvalzbety.sk/userfiles/Studijne%20oddelenie/bratislava/smernice/studijnaskusobnyporiadok.pdf https://www.vssvalzbety.sk/userfiles/INFOPORTAL/Smernicaodoktorandskomtdiu.pdf https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice

## 4. Structure and content of the study programme

a) The university will describe the rules for the formation of curricula in the curriculum.

Theoretical knowledge (Level 3)

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Graduates of Public Health (3rd degree): researches scientifically and brings their own solutions to problems in the field of public health.

Additional knowledge, skills and competences (Level 3)

A graduate of public health (3rd degree) will acquire:

- the process of education, research and implementation of new knowledge in public health
- principles of scientific work and scientific problem formulation
- legal and environmental aspects of activities, ethical and social aspects of scientific work
- presentation of results in publication and lecture form
- the development of the study field of Public Health and its contribution to practice
- Evidence-based Health Care and Evidence-based Public Health

Core topics of the core knowledge of the field of study (3rd level)

The supporting topics of the core of knowledge of the 3rd level, i.e. PhD level of university studies are linked to Science in Public Health (epidemiology, hygiene, social and preventive medicine)

The core contains only framework topics (selected state):

Study section :

Theoretical foundation, methodological apparatus, specialization:

- Epidemiology
- hygiene
- social medicine
- preventive medicine
- Methodology, statistics, estimation and risk assessment.

#### The scientific part :

- research on a current scientific problem in the field of Public Health
- principles of scientific work and scientific problem formulation
- legal and environmental aspects of activities
- legal aspects of experimental and clinical research in public health
- ethical and social aspects of scientific work
- presentation of results in publication and lecture form
- the development of the field of study (public health) and its contribution to practice
- the necessary knowledge for the performance of teaching activities at the faculty in the case of full-time doctoral students

The knowledge listed in the core is 1/3 in the study part and 2/3 in the scientific part. The dissertation examination and the defence of the dissertation (final thesis) must meet the criterion that the student demonstrates the ability to independently acquire theoretical and practical knowledge.

The university will draw up recommended study plans for each pathway in the course of study.

Higher education studies in Public Health are organised and registered with the support of a credit system that is fully compatible with the European Credit Transfer and Accumulation System (ECTS). All activities that a student carries out within the study, i.e. active participation in lectures, seminars and exercises, self-study, creative activities within the course, etc., are evaluated by credits. The number of credits for a course corresponds to the effort and time that the student has to spend to successfully complete the course and obtain the relevant learning outcomes. The number of credits that a student must obtain during the course of his/her studies for compulsory subjects, for compulsory elective subjects and, where applicable, for optional subjects, is specified in the study plan.

The credit system allows:

- spread the study load evenly over the entire period of study,
- choose your individual pace of study,
- choose from a range of compulsory and optional study subjects, and thus pursue their own interests and profile themselves,
- complete a mobility programme and earn credits at another university, possibly abroad.

Individual credits for completed courses are cumulative. The acquisition of the specified number of credits in the prescribed composition is a condition for the proper completion of studies in the relevant study programme. The completion of the study courses is regulated in time and space and takes place during the semesters of the academic year. The timetable of the academic year is the organisational instrument of the academic year.

The university offers only one curriculum in accordance with the current legislation and the requirements for professional competence in public health according to Government Regulation No. 296/2010.

Source <u>i</u> https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2010/296/20210101

c) The curriculum will normally state:

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- individual parts of the study programme (modules, courses and other relevant curricular and extra-curricular activities, provided that they contribute to the achievement of the desired learning outcomes and yield credits) in the structure of compulsory, compulsory elective and elective courses,
- in the study programme, the **profile subjects** of the respective pathway of study (specialisation),
- for each educational part/subject defines the learning outcomes and related criteria and rules for their assessment so that all educational objectives of the study programme are met (they can only be specified in the Course Information Sheets in the Learning Outcomes section and in the Course Completion Requirements section),
- prerequisites, corequisites and recommendations in the development of the curriculum,
- for each educational part of the curriculum/subject, determine the educational activities used (lecture, seminar, exercise, final thesis, project work, laboratory work, internship, field trip, field practicum, professional practice, state examination and others, or combinations thereof) suitable for achieving the learning outcomes,
- the methods by which the educational activity is carried out full-time, distance, combined (in accordance with the Course Information Sheets),
- syllabus/syllabus of the course,
- the student's workload ('scope' for individual subjects and learning activities separately),
- credits assigned to each section based on the learning outcomes achieved and the associated workload,
- the person providing the subject (or partner organisation and person), with contact details,
- subject teachers (or partner organisations and persons involved) (may also be listed in the IL of the subject),
- the location of the course (if the study programme is carried out at more than one location).

### Public Health, PhD.

The programme is prepared in accordance with the requirements of Government Regulation No 296/2010

Study programme: public health
Level of study: third, doctoral studies
Form of study: external form, full-time form

Subjects that form the core of the study programme:

 Epidemiology:
 20 hours

 Hygiene:
 20 hours

 Social Medicine:
 5 hours

 Methodology, statistics, estimation and risk assessment:
 15 hours

 Preventive medicine
 40 hours

 TOTAL
 100 hours

Foreign language - language exam- not taught

Optional items:

Tropical public health 5 h
Law in public health 5 h
Ethics in public health 5 h
Primary prevention - education of children and young people 5 h
Management in healthcare: 5 h

TOTAL MININMAL 25 hours

I. Year:

Winter semester total : 25 hours winter semester credits total: 1 Summer semester total : 25 hours Summer semester credits total: 1

II. Vintage

Winter semester total: 25 hours winter semester credits total: 1 Summer semester total: 25 hours Summer semester credits total: 1

Total:

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Compulsory courses: 100 hours (I and II year, 25 hours of lectures each semester)

Optional subjects: 25 hours (5x5hours)

Total credits: 5 credits (student load: 125 hours)

LECTURE P = MANDATORY V = OPTIONAL	SUBJECT	TEACHERS	HOURLY SUBSIDY P/C
P	Epidemiology	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA doc. MUDr. Ľubomíra Fábryová, PhD. doc. MUDr. Peter Minárik, PhD. prof. MUDr. Anna Líšková, PhD.	5h
Р	Hygiene	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA prof. MUDr. Anna Líšková, PhD. prof. RNDr. Erich Kalavský, PhD.	5h
P	Preventive medicine	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA doc. MUDr. Ľubomíra Fábryová, PhD. doc. MUDr. Peter Minárik, PhD.	5h
P	Methodology, statistics , estimation and risk assessment	prof. PhDr. Jozef Matulník, PhD. prof. PaedDr., Ing. Miroslav Palun, PhD.	5 h
P	Social Medicine	prof. MUDr. Milan Luliak, PhD. prof. MUDr. Jozef Šuvada, PhD.	5h
V	Management in healthcare	prof. PhDr. Róbert Babeľa, PhD., MBA	5h
V	Tropical public health	Dr.h.c. mult. prof. MUDr. Vladimír Krčméry, DrSc. prof. MUDr. Juraj Benca, PhD. , MPH	5h
V	Primary prevention - education of children and young people	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	5h
V	Law in public health	prof. MUDr. Milana Luliak, PhD. prof. RNDr. Erich Kalavský, PhD.	5h
V	Ethics in public health	prof. MUDr. Eva Grey, PhD, MHA doc. MUDr. Mária Mojzešová, PhD.	5h

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LECTURE P = MANDATORY V = OPTIONAL	SUBJECT	TEACHERS	HOURLY SUBSIDY P/C
Р	Epidemiology	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA doc. MUDr. Ľubomíra Fábryová, PhD. doc. MUDr. Peter Minárik, PhD. prof. MUDr. Anna Líšková, PhD.	5h
Р	Hygiene	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA prof. MUDr. Anna Líšková, PhD. prof. RNDr. Erich Kalavský, PhD.	5h
Р	Preventive medicine	prof. MUDr. Mgr. Mariana Mrázová, PhD. doc. MUDr. Ľubomíra Fábryová, PhD. doc. MUDr. Peter Minárik, PhD.	10h
Р	Methodology, statistics, estimation and risk assessment	prof. PhDr. Jozef Matulník, PhD prof. PaedDr., Ing. Miroslav Palun, PhD.	5 h
V	Management in healthcare	prof. PhDr. Róbert Babeľa, PhD., MBA	5h
V	Tropical public health	Dr.h.c. mult. Prof. MUDr. Vladimír Krčméry, DrSc. prof. MUDr. Juraj Benca, PhD. , MPH	5h
V	Primary prevention - education of children and young people	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	5h
V	Law in public health	prof. MUDr. Milan Luliak, PhD. prof. RNDr. Erich Kalavský, PhD.	5h
V	Ethics in public health	prof. MUDr. Eva Grey, PhD, MHA doc. MUDr. Mária Mojzešová, PhD.	5h

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LECTURE P = MANDATORY V = OPTIONAL	SUBJECT	TEACHERS	HOURLY SUBSIDY P/C	
Р	Epidemiology	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	5h	
		doc. MUDr. Ľubomíra Fábryová, PhD.		
		doc. MUDr. Peter Minárik, PhD.		
		prof. MUDr. Anna Líšková, PhD.		
Р	Hygiene	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	5h	
		prof. MUDr. Anna Líšková, PhD.		
		prof. RNDr. Erich Kalavský, PhD.		
P	Preventive medicine	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	10h	
		doc. MUDr. Ľubomíra Fábryová, PhD.		
		doc. MUDr. Peter Minárik, PhD.		
P	Methodology, statistics , estimation	prof. PhDr. Jozef Matulník, PhD.	5 h	
	and risk assessment	prof. PaedDr., Ing.Miroslav Palun, PhD.		
V	Management in healthcare	prof. PhDr. Róbert Babeľa, PhD., MBA	5h	
V	Tropical public health	Dr.h.c. mult. prof. MUDr. Vladimír Krčméry, DrSc.	5h	
		prof. MUDr. Juraj Benca, PhD. , MPH		
V	Primary prevention - education of children and young people	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	5h	
V	Law in public health	prof. MUDr. Milana Luliak, PhD.	5h	
		prof. RNDr. Erich Kalavský, PhD.		
V	Ethics in public health	prof. MUDr. Eva Grey, PhD, MHA	5h	
		doc. MUDr. Mária Mojzešová, PhD.		

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LECTURE P = MANDATORY V = OPTIONAL	SUBJECT	TEACHERS	HOURLY SUBSIDY P/C	
Р	Epidemiology	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA		
		doc. MUDr. Ľubomíra Fábryová, PhD. doc. MUDr. Peter Minárik, PhD.		
P	Hygiene	prof. MUDr. Anna Líšková, PhD.  prof. MUDr. Mgr. Mariana Mrázová, PhD,  MHA	5h	
		prof. MUDr. Anna Líšková, PhD. prof. RNDr. Gertrúda Mikolášová, PhD.		
Р	Preventive medicine	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	10h	
		doc. MUDr. Ľubomíra Fábryová, PhD. Doc. MUDr. Peter Minárik, PhD.		
P	Methodology, statistics , estimation and risk assessment	prof. PhDr. Jozef Matulník, PhD. prof. PaedDr., Ing.Miroslav Palun, PhD.	5 h	
V	Management in healthcare	prof. PhDr. Róbert Babeľa, PhD., MBA	5h	
V	Tropical public health	Dr.h.c. mult. prof. MUDr. Vladimír Krčméry, DrSc. prof. MUDr. Juraj Benca, PhD. , MPH	5h	
V	Primary prevention - education of children and young people	prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	5h	
V	Law in public health	prof. MUDr. Milana Luliak, PhD. prof. RNDr. Erich Kalavský, PhD.	5h	
V	Ethics in public health	prof. MUDr. Eva Grey, PhD, MHA doc. MUDr. Mária Mojzešová, PhD.	5h	

d) The university shall indicate the number of credits, the achievement of which is a condition for the proper completion of studies and other conditions that the student must fulfil in the course of study of the study programme and for its proper completion, including the conditions of state examinations, the rules for repeating studies and the rules for extending, interrupting studies.

### To properly complete the 3rd cycle of studies, 180 ECTS including credits for the state final examination must be achieved.

- e) For each curriculum, the university shall indicate the requirements for completion of each part of the curriculum and the student's progression through the curriculum in the structure:
  - the number of credits for compulsory subjects required for the proper completion of studies/completion of part of studies,
  - the number of credits for compulsory elective courses required for the proper completion of studies/completion of part of studies.
  - the number of credits for elective courses required for the proper completion of studies/completion of part of studies,
  - the number of credits required to complete the study/completion of the part of the study for the common core and for the relevant endorsement, if it is a teaching combination study programme or a translation combination study programme,
  - the number of credits for the final thesis and the thesis defence required for the proper completion of studies,
  - the number of credits for professional practice required for the proper completion of the study/completion of part of the study,
  - the number of credits required for the proper completion of the study/completion of the project work part of the study, indicating the relevant subjects in the engineering study programmes,
  - the number of credits required for the regular completion of studies/completion of part of studies for artistic performances except for the final thesis in artistic study programmes.
- f) The university will describe the rules for verifying learning outcomes and student assessment and the options for corrective procedures against this assessment.

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The rules for the verification of learning outcomes and the evaluation of students and the possibilities of corrective procedures against this evaluation are set out in the Study Regulations and Examination Regulations of the St. Elisabeth University of Applied Sciences, which are available on the university's website (https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice) and are in accordance with the document "Creation, application and evaluation of the internal quality system of the University of Applied Sciences and Applied Sciences" (https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice), chapter 2, article 4, page 91. https://www.vssvalzbety.sk/userfiles/Studijne%20oddelenie/bratislava/smernice/studijnaskusobnyporiadok.pdf https://www.vssvalzbety.sk/userfiles/INFOPORTAL/Smernicaodoktorandskomtdiu.pdf

g) Conditions for the recognition of studies or part of studies.

The dean of the relevant faculty or institute of the university decides on the application of a student of another university, which includes a transcript of the results of studies, for enrolment in studies within 30 days from the receipt of the application. The student's progress in the study programme, the conditions for completing the individual parts of the programme and the recognition of studies are governed by the Study Regulations and the Rector's Regulation concerning recognition and the conditions for recognition of studies:

https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice https://www.vssvalzbety.sk/userfiles/INFOPORTAL/Smernicaodoktorandskomtdiu.pdf

h) The university will list the thesis topics of the degree programme (or a link to the list).

Topics of final theses in the field of Public Health at our university.

Link: https://cms.crzp.sk/Default.aspx?pageid=9

- i) The university will describe or refer to:
  - rules for assigning, processing, opposing, defending and evaluating final theses in the study programme,
  - opportunities and procedures for participation in student mobility,
  - the rules for observing academic ethics and drawing consequences,
  - procedures applicable to students with special needs,
  - student complaints and appeals procedures.

In the situations in question, the procedure is in accordance with the Study Regulations and the Rector's Regulations. For more information, please visit the website of the university: <a href="https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice">https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice</a>

5. Information sheets of study programme courses

In the structure according to Decree No. 614/2002 Coll.

List:

Subjects that form the core of the study programme:

Epidemiolog y
Hygiene
Methodology, statistics, estimation and risk assessment
Preventive medicine
Social Medicine

### Links:

https://www.vssvalzbety.sk/veda/publikacie https://www.vssvalzbety.sk/veda/vedecke-projekty http://www.scopus.org/name/publications/citations https://clarivate.com/webofsciencegroup/solutions/web-of-science/ http://cms.crepc.sk/

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#### **Course Information Sheet**

University: St. Elizabeth University of Health and Social Work in Bratislava

Faculty: central workplace

**Subject Code:** Subject name: Epidemiology

Type, scope and method of educational activities:

Type and extent:

daily form: lecture (20 hours) external form: lecture (20 hours)

Method:

full-time form: full-time and combined external form: full-time and combined

Number of credits: part of the credit assessment for lectures (5 credits)

Recommended semester/trimester of study: Full-time form: 1st,2nd,3rd,4th semester External form: 1st,2nd,3rd,4th semester

Level of study: 3rd degree (PhD. studies), full-time and part-time

Prerequisite subjects:

Prerequisites: active participation in lectures

Learning outcomes: master the principles of epidemiology

#### Brief outline of the course:

- General epidemiology: measurement of population health status, diagnostic tests in epidemiology, acquisition and recording of epidemiologically relevant data. Methods of descriptive and analytical epidemiology, design, implementation and evaluation of epidemiological studies, statistical methods in epidemiology, prevention.
- Special epidemiology: epidemiology of infectious diseases according to organ systems, sources of infection, mechanism of transmission of pathogens, epidemic process, principles of fighting infectious diseases, programmes of eradication and elimination of infectious diseases, prophylaxis and prevention. Epidemiology of non-communicable chronic diseases according to the severity of population burden, trends, predictions, system of data collection, reporting, processing and interpretation.

# Recommended reading:

- Bakoss, P.: Epidemiology. UK, Bratislava 2008, 520 p. ISBN 978-80-223-2417-5.
- Bálint, O. et al: Infectology and anti-infective therapy. Martin, Osveta 2000, 485 p. ISBN 80-8063-034-8.
- Zvárová, J.: Fundamentals of statistics for biomedical disciplines. Prague, UK 2001, 220 p. ISBN 80-7184-786-0. .3.
- Bencko, V. et al.: Statistical methods in epidemiology, I. Prague, UK 2003, 237 p. ISBN 80-246-0763-8.
- Bencko, V. et al.: Statistical methods in epidemiology, II. Prague, UK 2003, 238-505 p. ISBN 80-246-0765-4. Dos Santos Silva, I.: Cancer epidemiology: principles and methods. IARC WHO, Lyon 1989, 441 p. ISBN 92-832-0405-0.

Language required for the course: slovak language

Notes:

Course evaluation: new subject

Teacher: prof. MUDr. Mgr. Mgr. Mariana Mrázová, PhD, MHA,

doc. MUDr. Ľubomíra Fábryová, PhD.,

doc. MUDr. Peter Minárik, PhD.,

prof. MUDr. Anna Líšková, PhD.

Date of last change: 10. 01. 2022

Approved by: prof. MUDr. Mgr. Mgr. Mariana Mrázová, PhD, MHA

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**Course Information Sheet** 

University: St, Elizabeth University of Health and Social Work in Bratislava

Faculty: central workplace

Subject Code: Subject name: Hygiene

Type, scope and method of educational activities:

Type and extent:

daily form: lecture (20 hours) external form: lecture (20 hours)

Method:

full-time form: full-time and combined external form: full-time and combined

Number of credits: part of the credit assessment for lectures (5 credits)

Recommended semester/trimester of study: Full-time form: 1st,2nd,3rd,4th semester External form: 1st,2nd,3rd,4th semester

Level of study: 3rd degree (PhD. studies), full-time and part-time

Type, scope and method of educational activities:

Type and extent:

daily form: lecture (20 hours) external form: lecture (20 hours)

Method:

full-time form: full-time and combined external form: full-time and combined

Prerequisite subjects: n.a.

Prerequisites: active participation in lectures

Learning outcomes: to know the relationships between the environment, living and working conditions and the health of populations and population groups, to know the positive and negative effects of environmental factors on health

Brief outline of the course: health - protection and promotion of health, determinants and indicators of health; hygiene as one of the foundations of public health; environment and health; environmental components (air, water, soil), waste and health; nutrition and health; occupational health - working conditions and health; assessment of the impact of environmental and work environment factors on health; protection and promotion of health of children and youth; primary prevention of chronic non-communicable diseases, health impact assessment, health impact assessment

Recommended reading:

Šulcová, Čižnár, Fabiánová: Public Health. Bratislava: Veda, 2012;

Ševčíková et al.: Hygiene.Bratislava: Medical Faculty of Charles University, 2006;

Journal of Czech and Slovak Hygiene; Occupational Medicine;

Language required for the course: slovak, english

Notes:

Course evaluation:

Teacher: prof. MUDr. Mgr. Mgr. Mariana Mrázová, PhD, MHA

prof. MUDr. Anna Líšková, PhD. prof. RNDr. Erich Kalavský, PhD.

prof. RNDr. Erich Kalavský, PhD Date of last change: 10. 01. 2022

Approved by: prof. MUDr. MarianaMrázová, PhD, MHA

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### **Course Information Sheet**

University: St. Elizabeth University of Health and Social Work, Bratislava

Faculty: central workplace

Subject Code:

Course title: Methodology, statistics, estimation and risk assessment

Type, scope and method of educational activities:

Type and extent:

full-time: lecture (15 hours) external form: lecture (15 hours)

Method:

full-time form: full-time and combined external form: full-time and combined

Number of credits: part of the credit assessment for lectures (5 credits)

Recommended semester/trimester of study: Full-time form: 1st,2nd,3rd,4th semester External form: 1st,2nd,3rd,4th semester

Level of study: 3rd degree (PhD. studies), full-time and part-time

Prerequisite subjects:

Prerequisites: active participation in lectures

Learning outcomes: to know the most used and key statistical, methodological and research methods necessary for successful completion of PhD studies and independent scientific work

#### Brief outline of the course:

- 1. Research methodology experimental research, observational research
- 2. Division of research studies descriptive, analytical, interventional, clinical trials
- 3. Research plan setting research objectives, sample selection, data collection, data analysis, data presentation
- 4. Basic concepts in statistics
- 5. Determination of the sample size
- 6. Descriptive statistics, measures of central tendency and dispersion, effective graphical and tabular presentation of data
- 7. Basics of probability theory, theoretical probability distributions
- 8. Methodology of hypothesis generation and testing
- 9. Parametric and non-parametric methods
- 10. Univariate statistics normality tests, one-sample t-test, Chi-square goodness-of-fit test, binomial test
- $11. \qquad Bivariate \ statistics \ \ Two-sample \ t-test, Correlation \ coefficients, Chi-square \ test \ of \ independence, Fisher's \ exact \ test$
- 12. Multivariate statistics ANOVA, linear regression, logistic regression, Cox hazard regression analysis and Kaplan-Meier method
- 13. Risk in public health and its assessment in the individual and in the population
- 14. Odds ratio (OR), Risk ratio (RR), Hazard ratio (HR) calculation, interpretation and use in public health practice

### Recommended reading:

- Janet Peacock and Philip Peacock. Oxford Handbook of Medical Statistics, Oxford Medical Handbooks, 2010, ISBN 978-0-19-955128-6
- 2. RIMARČÍK, M.: Statistics for practice. 1st ed. 2007. 200 p. ISBN 978-80-969813-1-1
- Zvárová Jana, Malý Marek, Statistical methods in epidemiology, Karolinum, 2003, p. 506, ISBN: 80-246-0765-4
- Rudolf Gaško et al. Statistical methods for clinical epidemiology and laboratory practice. Aprilla s.r.o., Košice, 2008, ISBN 978-80-89346-00-4
- Janet Peacock and Philip Peacock. Oxford Handbook of Medical Statistics, Oxford Medical Handbooks, 2010, ISBN 978-0-19-955128-6
- 6. Martin Rusnák, Viera Rusnáková, Marek Majdan, Biostatistics for public health students, TYPI UNIVERSITATIS TYRNAVIENSIS (2010), p. 216
- 7. J. Chajdiak, Statistics Simply, STATIS 2003
- 8. B. Dawson, R. G. Trapp: Basis and Clinical Biostatistics, Medical Publishing Divison, 2005
- 9. <a href="http://ucebnice.euromise.cz/index.php?conn=0&section=knihy">http://ucebnice.euromise.cz/index.php?conn=0&section=knihy</a>
- ${\bf 10.} \quad \underline{http://www.healthnet.sk/martin\_rusnak/Presentations/statistika/uvod.htm}$
- 11. http://rimarcik.com/navigator/

Language required for the course:

Slovak language, English language

Notes:

Course evaluation: at the dissertation examination

Teacher: prof. PhDr. Jozef Matulník, PhD.

prof. PaedDr., Ing. Miroslav Palun, PhD.

Date of last change: 10. 01. 2022

Approved by: prof. MUDr. Mgr. Mgr. Mariana Mrázová, PhD, MHA

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**Course Information Sheet** 

University: St, Elizabeth University of Health and Social Work in Bratislava

Faculty: central workplace

Subject Code: Subject name: Preventive medicine

Type, scope and method of educational activities:

Type and extent:

full-time: lecture (40 hours) external form: lecture (40 hours)

Method:

full-time form: full-time and combined external form: full-time and combined

Number of credits: part of the credit assessment for lectures (5 credits)

Recommended semester/trimester of study: Full-time form: 1st,2nd,3rd,4th semester External form: 1st,2nd,3rd,4th semester

Level of study: 3rd degree (PhD. studies), full-time and part-time

Prerequisite subjects:

Prerequisites: active participation in lectures

Learning outcomes:

Possess basic practical skills in primary, secondary and tertiary prevention of communicable and non-communicable diseases

#### Brief outline of the course:

- 1) Health and the determinants of health
- 2) Prevention at individual and population level
- 3) Prevention legislation,
- 4) Prevention of communicable diseases
- 5) Prevention of non-communicable diseases
- 6) Nature, incidence and prevention of communicable and non-communicable diseases in different age groups

## Recommended reading:

- Act No. 355/2007 Coll. on the protection, promotion and development of public health and on amendment and supplementation
  of certain acts, as amended,
- 2. Act No. 124/2006 Coll. on safety and health protection at work and on amendment and supplementation of some acts,
- 3. Decree No. 585/2008 Coll., laying down details on the prevention and control of communicable diseases,
- 4. Act No. 576/2004 on health care, services related to the provision of health care,
- 5. Bakoss, P. et al.: General Epidemiology, Faculty of Medicine of Charles University, Bratislava, 2004,
- 6. Bakoss et al. Epidemiology. Bratislava 2005, published by Comenius University,
- 7. Bazovská S. et al. Special epidemiology. Bratislava 2007, ed. Comenius University,
- 8. Action Plan for Environment and Health of the Slovak Republic, Bratislava 2001,
- 9. Health for the 21st Century 51st WHO Session, Copenhagen,1999,
- 10. National Health Promotion Programme, Bratislava 2000,
- 11. Nutrition Recovery Program, 1999,
- 12. National Tobacco Control Programme, 2007,
- 13. National Obesity Programme, 2007,
- 14. Rovný, I. et al.: Preventive medicine. Osveta Martin 1995,
- 15. Ľudmila Ševčíková et al., Hygiene, Comenius University Bratislava, 2006,
- 16. ROVNÝ, I. et al.: Caring for the young generation. Bratislava: SZU, 2004,
- 17. Rosival, L., Zikmund, V. et al: Preventive medicine. Martin: Osveta, 1992,
- 18. Fait, T., Vrablík, M., Čéška, R. et al.: Preventive medicine. Prague: Maxorf, 2008,
- 19. Egnerová, A. et al.: Fundamentals of epidemiology. Slovak akadem. Press, 2004.

Language required for the course: slovak language

Notes.

Course evaluation: at the dissertation examination

Teacher: prof. MUDr. Mgr. Mgr. Mariana Mrázová, PhD, MHA,

doc. MUDr. Ľubomíra Fábryová, PhD.,

doc. MUDr. Peter Minárik, PhD. Date of last change: 10. 01. 2022

Approved by: prof. MUDr. Mgr. Mgr. Mariana Mrázová, PhD, MHA

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**Course Information Sheet** 

University: St. Elizabeth University of Health and Social Work in Bratislava

Faculty: Department of Health Disciplines

Subject code Subject name: Social Medicine

Type, scope and method of educational activities:

Type and extent:

daily form: lecture (5 hours) external form: lecture (5 hours)

Method:

full-time form: full-time and combined external form: full-time and combined

Number of credits: part of the credit assessment for lectures (5 credits)

Recommended semester/trimester of study: Full-time form: 1st,2nd,3rd,4th semester External form: 1st,2nd,3rd,4th semester

Level of study: 3rd degree (PhD. studies), full-time and part-time

**Prerequisite subjects:** 

Prerequisites: active participation in lectures

Learning outcomes:

To know the issues of population, community, family health, health development, to know the determinants of health

**Brief outline of the course:** 

Social medicine - an introduction to the subject

Health, disease, determinants of health, social and economic importance

National health policy

Basic health laws

Healthcare systems around the world

 ${\bf Population\ health\ studies,\ information\ sources, information\ systems}$ 

Basic methods used in social medicine

Healthcare workers

CSR, goals, objectives, programmes

National Health Promotion Programme

Caring for vulnerable populations

Recommended reading:

Beniak, M.: Social medicine. I. Introduction to the problem. Bratislava: Comenius University, 1991, Scripts. ISBN 80-223-0410-7 Holčík, J, Žáček, A., Koupilová, I.: Social medicine. Brno. MU, 2002, 173 p. Scripts.

Ozorovský, V. et al: Social medicine. Bratislava: Asklepios, 2011. 166s.

Zavázalová, H.: Social medicine and public health. 2. rev. 2nd and supplemented edition: Karolinum, 2002, 154 p. <u>ISBN 80-246-0467-1.S. 10.</u>

Beniak, M. et al.: Selected chapters from social medicine. Bratislava: Comenius University, 1987. 208 p. Scripts.

Language required for the course: slovak, czech

Notes:

Course evaluation: new subject

Teacher: prof. MUDr. Milan Luliak, PhD.

Date of last change: 10. 01. 2022

Approved by: prof. MUDr. Mgr. Mgr. Mariana Mrázová, PhD, MHA

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6. The current academic year schedule and the current timetable (or hyperlink).

The current schedule is listed here: <a href="https://www.vssvalzbety.sk/katedry/ustavy/uzd/vz/rozvrhy">https://www.vssvalzbety.sk/katedry/ustavy/uzd/vz/rozvrhy</a>

- 7. Staffing of the study programme
- a) Person responsible for the implementation, development and quality of the study programme (with position and contact details).

prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA https://www.portalvs.sk/regzam/detail/12356

b) List of persons providing profile subjects of the study programme with assignment to the subject with a link to the central register of university staff, with contact details (they may also be listed in the study plan).

Name and surname of the teacher	Subjects	Link to CRZ HEI, ID	Contact
prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA	Epidemiology Hygiene Preventive medicine	https://www.portalvs.sk/reg zam/detail/12356	xxxxxxxxx
prof. PhDr. Róbert Babela, PhD., MBA	Management in healthcare	https://www.portalvs.sk/reg zam/detail/12401	xxxxxxxxx
prof. RNDr. Erich Kalavský, PhD.	Hygiene Law in public health	https://www.portalvs.sk/reg zam/detail/12399	xxxxxxxxx
doc. MUDr. Ľubomíra Fábryová, PhD.	Epidemiology Preventive medicine		xxxxxxxxx

c) Reference to the scientific/artistic/pedagogical characteristics of the persons providing the profile subjects of the study programme.

The scientific/artistic and pedagogical characteristics of the persons providing the profile subjects of the study programme are listed on the website of the university.

Links: https://www.vssvalzbety.sk/veda/vupch

https://www.vssvalzbety.sk/veda/publikacie

https://www.vssvalzbety.sk/veda/vedecke-projekty

http://www.scopus.org/name/publications/citations

https://clarivate.com/webofsciencegroup/solutions/web-of-science/

http://cms.crepc.sk/

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d) List of teachers of the study programme with assignment to the subject and link to the central register of university staff, with contact details (may be included in the study plan).

Name of subject	Surname and first name	Feature	Qualification s	Working time	Type of educational activity	The core of the Univer sity yes/no
Epidemiology	Mrázová Mariana Fábryová Ľubomíra Minárik Peter Liskova Anna	1P 2D 2D 1P	11 21 21 11	100 100 100 100	P	Yes
Hygiene	Mrázová Mariana Liskova Anna	1P 1P	11 11	100 100	Р	Yes
Methodology and statistics, Risk estimation and assessment	Matulník Jozef Palun Miroslav	1P 1P	11 11	100 100	P	Yes
Preventive medicine	Mrázová Mariana Fábryová Ľubomíra Minárik Peter	1P 1P 2D	10 11 21	100 100 100	P	Yes
Social Medicine	Šuvada Jozef Luliak Milan	1P 1P	11 11	100 100	Р	Yes
Ethics in public health	Mojzešová Mária Grey Eva	2D 1P	21 11	100 100	V	No
Management in healthcare	Babeľa Róbert Karvaj Marián	1P 1P	11 11	100 100	V	No
Law in public health	Luliak Milan	1P	11	100	V	No
Primary prevention - education of children and young people	Mrázová Mariana	1P	11	100	V	No
Tropical public health	Krcmery Vladimir Benca Juraj	1P 1P	10 11	100 100	V	No

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e) List of thesis supervisors with assignment to topics (with contacts).

	T	
Title of dissertation	Title, Name and surname of the supervisor	Contact
Healthcare-associated infections with a focus on catheter-		xxxxxxxxx
associated bloodstream infections	Mrázová, Mariana, prof. MUDr. Mgr. PhD.	
		XXXXXXXXXX
Acute coronary syndromes from a public health perspective	Babeľa Róbert, prof. PhDr. PhD	***************************************
Protecting the health of healthcare workers when handling loads, options for functional measures	Králinský Karol, prof. MUDr., PhD.	XXXXXXXXX
Incidence, risk factors and prevention of colitis caused by Clostridium difficile	Mrázová Mariana, prof. MUDr. PhD.	XXXXXXXXXX
Management and evaluation of a special public health project aimed at reducing the incidence of degenerative spinal diseases in children in selected primary universitys during the first stage of education in Slovakia	Babeľa Róbert, prof. PhDr. PhD	XXXXXXXXX
Obesity and degeneration of the spine in the lumbar region	Minárik Peter, MUDr. PhD.	XXXXXXXXX
Cholera epidemic in South Sudan	Krčméry Vladimír, prof. MUDr., DrSc.	XXXXXXXXX
Development of the consumption of pre-hospital emergency		XXXXXXXXX
care and optimization of its provision in the Pilsen Region between 2008 and 2017	Masár Oto, prof. MUDr., PhD.	
Staphylococcal wound infections- monitoring PVL-toxin	Advisor ( Advisor and S Adulta Adv. Sh.D.	XXXXXXXXX
production in MRSA/MSSA strains Sonographic renal screening in newborns and its impact on	Mrázová, Mariana, prof. MUDr. Mgr. PhD.	XXXXXXXXX
public health	Králinský Karol, prof. MUDr., PhD.	******
Socio-economic factors of public health protection in the		xxxxxxxxx
Czech and Slovak Republics after the division of the federation -analysis and further directions in individual countries	Juriš Peter, prof. MVDr., CSc.	
Factors influencing patient response to antituberculosis		xxxxxxxxx
treatment in marginal populations from low-income backgrounds	Krčméry Vladimír, prof. MUDr., DrSc.	
Ecological and health risks of the use of protective products	Richiery Viadimii, prof. Mobr., bisc.	XXXXXXXXXX
in agriculture on the environment and wildlife in the municipality of Báčsky Petrovec/Public health and ecological aspects of the use of protective products in agriculture in the environment and wildlife in the municipality of Bački Petrovac	Juriš Peter, prof. MVDr., CSc.	
The importance of fluoridation from a public health perspective	Knošková Eliška, doc. PaedDr., PhD.	XXXXXXXXX
Early treatment of lymphoedema after breast surgery and radiation from a public health perspective	Maurizová Ilona, PaedDr, PhD.	xxxxxxxxx
Chronic viral hepatitis BaC- a challenge for public health	Belovičová Mária, doc. MUDr, PhD.	xxxxxxxxx
Prebiotic methods used in cervical cancer prevention in the Malacky district for the time period 2017 to 2020 and their		xxxxxxxxx
impact on early detection of cervical precancers and malignancies	Kišac Peter, doc. PhDr., PhD.	
Bystander phenomenon as a risk factor for failure to provide first aid	Bydžovský Ján, MUDr. Mgr, Dis, PhD,	xxxxxxxxx
The importance of a mandatory screening program for congenital and acquired hearing loss in newborns through TOAE	Králinský Karol, prof. MUDr., PhD.	xxxxxxxxx
TOAL	Krainisky Karol, prof. Modr., Fild.	

- f) Reference to the scientific/artistic and pedagogical characteristics of the thesis supervisors: <a href="https://www.vssvalzbety.sk/veda/vupch">https://www.vssvalzbety.sk/veda/vupch</a>
- g) Student representatives who represent the interests of students in the study programme (name and contact details).

Mgr. Viviana Morvayová, contact: xxxxxxxxxxxxxxxx

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h) Study programme advisor (with contact details and information on access to advice and timetable).

Prof. MUDr. Mgr. Mariana Mrázová, PhD, MHA xxxxxxxxxxxx

Mon: 10:00 - 12:00 Wed: 14:00 - 16:00

 Other study programme support staff - assigned study officer, careers advisor, administration, accommodation office, etc (with contacts).

Ing. Anna Havránková, PhD. Officer for PhD. studies

e-mail: xxxxxxxxxxx

- 8. Spatial, material and technical provision of the study programme and support
- a) List and characteristics of the study programme classrooms and their technical equipment with assignment to the learning outcomes and subject matter (laboratories, project and art studios, studios, workshops, interpreting booths, clinics, seminaries, science and technology parks, technology incubators, university enterprises, practice centres, training universitys, teaching and training facilities, sports halls, swimming pools, sports grounds).

The spatial, material and technical provision of the study programme and its support are in accordance with the standards of resources for the provision of study and student support, which are set out in the document "Creation, application and evaluation of the internal quality system of the SEU" (https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice) in Chapter 2, Article 7,

SEU St. Elizabeth has three teaching workplaces at Nam. 1. May and Polianki pod Brehmi, where two buildings are available. On Nam. May 1, there is an Aula in the basement /Auditorium A/ with a capacity of 120 seats, which has a variety of uses. In addition to the lecture room, it also serves as a representative room for graduations and conferences. On the ground, first and second floors there are 5 lecture rooms /Lecture Rooms B, C, D, E, F/ with a capacity of 80 seats each. In addition, there is a library, rooms for teachers, laboratories and 1 demonstration room. The university has 13 lecture rooms and one computer science classroom with 15 computers with internet access and unlimited WIFI connection in both buildings at the Polianky - Pod Brehmi 4/A site in Bratislava. A cafeteria is available to students. Polianky 1 has five lecture rooms with a capacity of 100 and 35 seats on the ground floor and a textbook shop that serves students. Upstairs there are lecture rooms with capacities of 80, 20, 40 and 35 seats. An interactive whiteboard is installed in the 80-seat classroom. In addition, teachers have their workstations here. Ground floor of Building I: Lecture room "005" with a capacity of 35 seats, lecture room "009" with a capacity of 100 seats, and a copy shop. Floor of Building I: Lecture room "102" with a capacity of 80 seats, lecture room "104" with a capacity of 20 seats, lecture room "105" with a capacity of 40 seats, lecture room "107" with a capacity of 35 seats. Polianky II has lecture rooms on the ground floor lecture room "A" with a capacity of 160, lecture room "C" with a capacity of 80, lecture room "B" with a capacity of 45 seats and lecture room "D" with a capacity of 50 seats. Upstairs there are 2 rooms with a capacity of 30 seats each - lecture room "E", and Computer Science classroom, lecture room "F" with a capacity of 70, lecture room "E" with a capacity of 78 seats and there are also rooms for teachers. The relative location of the premises at 1 May Square No.1 - the building of the Rector's Office of SEU St. Elizabeth, n.o., is seamless, the transfer of students in time is in the range of 10-15 min.

### Classrooms

Specialized teaching is carried out in the classrooms of the university in Bratislava. It has a fully equipped multimedia room, which includes an interactive digital whiteboard with superior sound equipment suitable especially for playing multimedia files. The university has a network licence of SPSS version 18 for 25 computers that can be used in parallel. Another specialised classroom is equipped with 15 computers containing 30 pieces of standard software - Windows XP, the Microsoft Office office suite with programs (Microsoft Word, Microsoft Excel, Microsoft Outlook, Microsoft Power Point) - as well as means of communication, in particular means based on the use of computer networks, multimedia means.

Material and technical support necessary for the teaching of the study programme.

The classrooms are set up with chairs with a tilting desk designed for writing. Ceramic blackboards are installed in the classrooms, and there is an interactive whiteboard in room 102. For lecturing activities, portable computers and projection equipment are available, along with a data projector, overhead projector and sound equipment as required by the lecturers. <a href="https://www.vssvalzbety.sk/o-nas/ekonomika/inventarne-supisy">https://www.vssvalzbety.sk/o-nas/ekonomika/inventarne-supisy</a>

c) Characteristics of information provision of the study programme (access to study literature according to course information sheets), access to information databases and other information resources, information technologies, etc.).

The Department of Health Disciplines and the University of Public Health has a library with 18 SCI journals and over 200 book titles in the field of public health and a computer lab with internet access. The library has book titles and scripts in both Slovak and English. The university library is being built as a comprehensive automated information and library system. It is connected to the Internet and is equipped with information networks. There is a lending library of monographs, teaching texts and electronic

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documents, as well as qualification theses (diploma, dissertation, rigorous, habilitation theses). A multimedia-equipped study room with computers and a data projector is available for loan. Library and information services are focused on:

-borrowing absentee -loan attendance

-interlibrary

-consulting , in the use of information technology

-editorial , services with the provision of ISBN in the issuance of publications in the framework of the university publishing

-reprographic services for library users,

-sale of professional literature authored by university lecturers of the St. Elizabeth University of Applied Sciences

-entries into central registers.

Up-to-date information about the library can be found on the library's homepage, which is continuously updated at:

http://www.vssvalzbety.sk/kniznica

https://www.vssvalzbety.sk/veda/publikacie

Specialized teaching is carried out in the classrooms of the university in Bratislava. It has a fully equipped multimedia room, which includes an interactive digital whiteboard with superior sound equipment suitable especially for playing multimedia files. The university has a network licence of SPSS version 18 for 25 computers that can be used in parallel. Another specialised classroom is equipped with 15 computers containing 30 pieces of standard software - Windows XP, the Microsoft Office office suite with programs (Microsoft Word, Microsoft Excel, Microsoft Outlook, Microsoft Power Point) - as well as means of communication, in particular means based on the use of computer networks, multimedia means. The most accessible to students are professional literature and access to the Internet.

c) Characteristics and scope of distance learning applied in the curriculum with assignment to courses. Approaches, manuals of elearning portals. Procedures for transition from full-time to distance learning.

Distance education is provided by an internal online learning system called ELIX, which was prepared only for the needs of the university. The system enables real-time lecturing with active feedback as well as providing feedback and opinions of students through surveys. The system also allows for individual testing in the form of a quiz, where a different quiz can be prepared for each student at a specific time. Link: <a href="https://elix.seuniversity.eu">https://elix.seuniversity.eu</a>

At the same time, the university has the CISCO Webex electronic system (webex.com). At Nam. 1. may 1 is a room with complete multimedia equipment for conference transmission.

**Bratislava** 

d) Partners of the university in the provision of educational activities of the study programme and characteristics of their participation.

### The partners are:

Residential facility for homeless families Cífer - Jarná

St. Louise de Marillac Shelter, Bratislava

Ošetrovňa sv. Alžbety, low-threshold day centre for homeless people,

Shelter for battered women Jozefínum, Dolná Krupá

OZ Vagus, Domec project, Račianska 78, Bratislava

OZ Ichtys, Štefana Králika 1, 841 08 Bratislava - Devínska Nová Ves

OZ Two-coloured world, Bratislava

Society of Friends of Children from Children's Homes Smile as a Gift, Ševčenkova 21, Bratislava

Slovak Catholic Charity, Kapitulská 18, Bratislava

Missionary Congregation of St. Vincent de Paul, Tomášikova, Bratislava

Healthcare facilities designated for students' practice: the National Institute of Childhood Diseases, the National Institute of Oncology, the Oncological Institute of St. Elizabeth, the FNsP in Nové Zámky,

Foreign projects of the university intended for students' practice: Russia, Ukraine, Cambodia, Bolivia, Kenya, Uganda, Rwanda, Honduras.

List of concluded cooperation agreements: https://www.vssvalzbety.sk/o-nas/ekonomika/zmluvy

e) Characteristics on social, sporting, cultural, spiritual and social opportunities.

The Institute of Health Disciplines has cooperation with the Salesian Don Bosco Pastoral Centre in Petržalka, Mamateyova Street. The sports complex of this centre can be used by students for sports activities.

f) Opportunities and conditions for students to participate in mobility and internships (with contact details), guidelines for applying, rules for recognition of this learning.

The University significantly supports international mobility of both teachers and students, whether in the framework of stays at partner faculties or in the framework of scientific activities at international conferences. The University currently has international cooperation projects aimed at the development of science and education relations in the European and world education area.

Agreements are concluded with the following entities:

- 1. Collegium Elizabethinum, Austria, Vienna
- 2. Huss Theological Institute in Prague, Czech Republic;
- 3. Collegium Humanum University Warsaw, Poland;
- 4. Catholic University of East Africa in Nairobi, Kenya;
- 5. the Institute of Infectious Diseases of the University of S. Cuore (A. Gemelli), Rome, Italy;
- 6. University of professional studies University of Scranton, PA, USA;
- 7. By the Ministry of Health of the Republic of Burundi;

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- 8. Ministry of Public Health and Population of the Republic of Haiti;
- 9. The Ministry of Foreign Affairs of the Kingdom of Cambodia; 10. The Ministry of Foreign Affairs of the Republic of Kenya. These agreements concern in particular the exchange of information on scientific activities, the transfer of experience and knowledge, the exchange of teaching materials, the exchange of scientific and teaching staff, the promotion of mutual cooperation on research projects, and the joint organisation of seminars and conferences. With the exception of one American, one African and two Asian universities, these agreements are concluded with the educational institutions of the European Union countries.
- Required abilities and prerequisites of the candidate for the study programme https://www.vssvalzbety.sk/veda/doktorandske-studium/prijimacie-konanie
- a) Required competences and prerequisites for admission.

The admission procedure for the study programme Public Health is governed by the standards of the document "Creation, application and evaluation of the internal quality system of the SEU" (<a href="https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice">https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice</a>), chapter 2, article 5, page 105.

The basic condition for admission to doctoral studies is a completed second degree in Public Health or in a related field in the Slovak Republic or abroad. On the basis of a written application, the student is invited to take an entrance examination. The entrance examination for doctoral studies consists of:

- the student must pass a world language entrance exam (AJ, NJ, RJ,) written test,
- from the professional oral examination of the relevant field of study,
- from the presentation and defence of the dissertation project /title of the thesis, focus of the theoretical part, objectives of the thesis, methods of work, expected outputs, benefits and significance of the thesis, so that they correspond to the requirements of the respective field of study. The thesis must be supervised by a supervisor or a specialist supervisor approved by the Scientific Council. Admission to the third cycle of studies is governed by Act No 131/2002 Coll. on Higher Education, as amended, §56, paragraph (3).

https://www.vssvalzbety.sk/veda/doktorandske-studium/prijimacie-konanie https://www.vssvalzbety.sk/userfiles/REKTORAT/2011Smernica102011PhDstudium.pdf

b) Admission procedures.

Pursuant to Section 58(6) of the Higher Education Act, the dean decides on admission to study a study programme implemented by a faculty. The Rector decides on admission to study a study programme run by a higher education institution.

https://www.vssvalzbety.sk/veda/doktorandske-studium/prijimacie-konanie https://www.vssvalzbety.sk/userfiles/REKTORAT/2011Smernica102011PhDstudium.pdf

c) Recent admissions results.

The results are available at the Department of Doctoral Studies, St. Elisabeth University, Nám. 1. may, Bratislava. <a href="https://www.vssvalzbety.sk/veda/doktorandske-studium/kontakty">https://www.vssvalzbety.sk/veda/doktorandske-studium/kontakty</a>

10. Feedback on the quality of education provided

https://www.vssvalzbety.sk/o-nas/kvalita-vzdelavania

https://www.vssvalzbety.sk/o-nas/kontrola

https://www.vssvalzbety.sk/o-nas/uplatnenie-absolventov

Link to the Report on Monitoring the Quality of Education at St. Elizabeth's University of Applied Sciences, n.o.:

 $\frac{https://www.vssvalzbety.sk/userfiles/KvalitaVzdelavania/HodnotenieKvality-vzdel-rok-2019-2020.pdf}{https://www.vssvalzbety.sk/o-nas/kontrola}$ 

The annual report of the university which includes the measurement of the quality of studies (Chapter XII.): <a href="https://www.vssvalzbety.sk/userfiles/VyrocnaSPRAVA/VyrocnaspravaocinnostiVSZaSPsv.Alzbetyzarok2020.pdf">https://www.vssvalzbety.sk/userfiles/VyrocnaSPRAVA/VyrocnaspravaocinnostiVSZaSPsv.Alzbetyzarok2020.pdf</a>

a) Procedures for monitoring and evaluating students' views on the quality of the study programme.

 ${\bf Links: \underline{https://www.vssvalzbety.sk/o-nas/vnutorne-predpisy-smernice} \\$ 

https://www.vssvalzbety.sk/o-nas/kontrola

http://alumni.vssvalzbety.sk/dotaznik

https://www.vssvalzbety.sk/o-nas/vyrocne-a-hodnotiace-spravy

Results of student feedback and related measures to improve the quality of the study programme.

Links: https://www.vssvalzbety.sk/o-nas/kvalita-vzdelavania

https://www.vssvalzbety.sk/o-nas/vyrocne-a-hodnotiace-spravy

https://www.vssvalzbety.sk/o-nas/kontrola

http://alumni.vssvalzbety.sk/dotaznik

c) Results of alumni feedback and related measures for improving the quality of the study programme.

Link: https://www.vssvalzbety.sk/o-nas/uplatnenie-absolventov https://www.vssvalzbety.sk/o-nas/kvalita-vzdelavania

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- 11. Links to other relevant internal regulations and information relating to the study or the student's study programme (e.g. study guide, accommodation regulations, fee guidelines, student loan guidelines, etc.).
  - Fee guidelines are available here: https://www.vssvalzbety.sk/studijne-oddelenie/poplatky
  - Social Scholarships: https://www.vssvalzbety.sk/studijne-oddelenie/stipendia/socialne-stipendium
  - Scholarship Regulations:

 $\frac{https://www.vssvalzbety.sk/userfiles/Studijne\%20oddelenie/bratislava/stipendia/\%C5\%A0tipendijn\%C3\%BD\%20poriadok.pdf$ 

- Pregnancy Scholarships: https://www.vssvalzbety.sk/studijne-oddelenie/stipendia/tehotenske-stipendium
- Incentive Scholarships: https://www.vssvalzbety.sk/studijne-oddelenie/stipendia/motivacne-stipendium,
- Social Counselling Centre for Students : https://www.vssvalzbety.sk/katedry/centrum-sp
- Career Counselling Centre : https://www.vssvalzbety.sk/katedry/centrum-kp
- Long-term plan: https://www.vssvalzbety.sk/o-nas/dlhodoby-zamer
- Domestic and foreign accreditations : <a href="https://www.vssvalzbety.sk/o-nas/akreditacie">https://www.vssvalzbety.sk/o-nas/akreditacie</a>
- Achievements of SEU : https://www.vssvalzbety.sk/o-nas/uspechy-vs
- Employability of SEU graduates and their evaluation by employers : <a href="https://www.vssvalzbety.sk/o-nas/uplatnenie-absolventov">https://www.vssvalzbety.sk/o-nas/uplatnenie-absolventov</a>
- Internal system of SEU: https://www.vssvalzbety.sk/o-nas/vnutorny-system-a-vnutorna-hodnotiaca-sprava

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