



Description of the study programme

| Title of the degree programme | National code of the programme |
|-------------------------------|--------------------------------|
| Public health | 612A60001 |

| Higher education institution(s), department(s) | Language of instruction |
|--|-------------------------|
| Vilnius University, Faculty of Medicine, Čiurlionio 21/27 LT-03101 Vilnius | Lithuanian |

| Kind of studies | Cycle | Qualification level according to the LCS |
|--------------------|-------|--|
| University studies | First | VI |

| Mode of study and length of the programme in years | Length of the programme in credits | Total student's workload in hours | Contact work hours | Independent work hours |
|--|------------------------------------|-----------------------------------|--------------------|------------------------|
| Full-time, 4 years | 240 | 6400 | 3576 | 2824 |

| Study area | Main study area (branch) of the programme | Related study area (branch) of the programme |
|---------------------|---|--|
| Biomedical sciences | Public health | - |

| Degree and/or qualification awarded (if any) |
|--|
| Bachelor of public health |

| Programme director | Contact information of the director |
|------------------------------|---|
| Prof.dr.(HP) Rimantas Stukas | Public Health Institute, tel. 2398734, e-mail rimantas.stukas@mf.vu.lt |

| Accreditation organisation | Accredited until |
|---|------------------|
| Centre for Quality Assessment in Higher Education | 31 December 2014 |

| Purpose of the programme |
|--|
| The aim of the Public Health undergraduate study programme is to train competent public health specialists, public health leaders, who have the skills of strategic, analytical and systemic thinking and evaluation, who demonstrate the abilities to develop health policy and manage effectively; also, the ones who generate new theories and ideas, are able to perform practical and scientific research activities to improve the population's health and welfare, to reduce health inequalities, to develop ethical, efficient health policy, and public health interventions. |

| Profile of the programme | | |
|---|--|--|
| Study content: discipline(s)/subject area(s) | Orientation of the programme | Distinctive features of the programme |
| The general university study subjects (all optional courses) Subjects of the study field | The general university study subjects (all optional courses) – 15 credits Subjects of the study field - Introduction to public health, Microbiology, Genetics and fundamentals of genomics, Fundamentals of health economics and management, Health psychology, Health anthropology, Health sociology, Preventive medicine, Family health, Management of extreme situations, Biostatistics, | The Program is oriented to practical professional activities |

| | | |
|--|---|--|
| | <p>Radiation protection, Health education and promotion, Social medicine and addiction, Nutrition and food safety, Fundamentals of occupational health, Fundamentals of environmental health, Health safety of children and adolescents, Fundamentals of epidemiology, Fundamentals of scientific research, Law of public health, Arrangement of bachelor degree thesis, Professional practice.</p> <p>Other subjects –</p> <p>General and analytical chemistry, Fundamentals of human anatomy and histology, Health physics, Philosophy, Foreign language, Human biology, parasitology, Human physiology, Biochemistry, Speciality language, Communication skills, Pathology</p> | |
|--|---|--|

| Admission requirements | Specific arrangements for recognition of prior learning |
|------------------------------|---|
| At least secondary education | Possibility to convert grades into the ten-point system |

| Access to further studies |
|---------------------------|
| Master's studies |

| Access to professional activities |
|--|
| May work in public health centres, public health bureaus, municipal offices of public health, State Food and Veterinary Service, State Labour Inspectorate, State Non-Food Products Inspectorate, Consumer Rights Protection Service, social care institutions, childhood education facilities, municipal medical services, health care institutions, privat institutions. |

| Teaching and learning methods | Assessment methods |
|---|--|
| Lectures, seminars, exercises, laboratory research, analysis of situations and publications, teamwork, open discussion, search for literature, independent work | Test Quiz Test Presentation Exercises Situation analysis Project presentation Examination Final thesis defence |

| Generic competences | | Programme learning outcomes | |
|------------------------------|---|-----------------------------|---|
| 1. | Capacity for abstract thinking,, analysis and synthesis of information | 1.1 | Be able to think abstractly, analyse and synthesise information |
| 2. | Information and communication technology skills | 2.1 | Have knowledge of and be able to use information and communication technologies |
| 3. | Ability to work in an interdisciplinary team | 3.1 | Be able to work in an interdisciplinary team, exchange information and adopt joint decisions |
| 4. | Ability to work autonomously | 4.1 | Ability to independently collect, analyse and synthesise data |
| Subject-specific competences | | Programme learning outcomes | |
| 5. | Population health assessment and identification of public health problems | 5.1 | Have knowledge of assessment criteria for the health of the population and its individual groups and their analysis methods |
| | | 5.2 | Have knowledge of identification principles of public health problems, be able to collect and summarise data |
| 6. | Organisation and implementation of public health care | 6.1 | Take part in setting the priorities of public health care, data collection and analysis, interpretation and dissemination |
| 7. | Assessment and management of the environmental impact on the health of the population and its individual groups | 7.1 | Have knowledge of environmental factors affecting the public health, know their impact mechanisms as well as the principles of identification and management of factors |
| 8. | Implementation of public health safety | 8.1 | Have knowledge of legal acts regulating public health safety and apply them in professional activities |
| 9. | Formation, implementation and assessment | 9.1 | Know the objectives, targets and directives of the WHO, EU |

| | | | |
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| | of the health policy | | and Lithuanian health policies and be able to take part in health policy making, implementation and assessment. |
| 10. | Preparation, implementation and assessment of prevention programmes. | 10.1 | Know the principles of preparation, implementation and assessment of prevention programmes, take part in the implementation of prevention programmes. |
| 11. | Cooperation with health care specialists and specialists of other fields | 11.1 | Acquire communication skills, be able to communicate with specialists of other fields, work in an interdisciplinary team, be able to communicate in the native and foreign language |
| 12. | Organisation and implementation of health education | 12.1 | Know the forms and methods of health education and be able to use them |
| 13. | Use of evidence-based practices in addressing public health problems | 13.1 | Understand evidence-based public health practices and be able to use them |

PUBLIC HEALTH BACHELOR'S DEGREE PROGRAMME PLAN (full-time studies)
(LINKS BETWEEN COURSE UNITS AND COMPETENCES AND OUTCOMES)

| Code | Course units by subject area | Credits | Total student's workload | Contact work | Independent work | Degree programme competences | | | | | | | | | | | | | |
|--------------------------------|---|---------|--------------------------|--------------|------------------|------------------------------|-----|-----|-----|------------------------------|-----|-----|-----|-----|-----|------|------|------|------|
| | | | | | | Generic competences | | | | Subject-specific competences | | | | | | | | | |
| | | | | | | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | |
| | | | | | | Programme learning outcomes | | | | | | | | | | | | | |
| | | | | | | 1.1 | 2.1 | 3.1 | 4.1 | 5.1 | 5.2 | 6.1 | 7.1 | 8.1 | 9.1 | 10.1 | 11.1 | 12.1 | 13.1 |
| YEAR I | | | | | | | | | | | | | | | | | | | |
| SEMESTER 1 | | | | | | | | | | | | | | | | | | | |
| Compulsory course units | | | | | | | | | | | | | | | | | | | |
| | Fundamentals of human anatomy and histology I/II | 3 | 80 | 62 | 18 | X | | | X | | | | | | | | | | |
| | General and analytical chemistry | 4 | 107 | 64 | 43 | X | | | | | | | | X | | | | | |
| | Health physics | 3 | 80 | 48 | 32 | X | X | | | | | | | X | | | | | |
| | Philosophy | 3 | 80 | 48 | 32 | X | | | X | | | | | | | | | X | |
| | Foreign language I/II | 6 | 160 | 64 | 96 | | | X | | | | | | | | | | X | |
| | Human biology, parasitology | 3 | 80 | 64 | 16 | X | | | X | | | | X | | | | | | |
| | Introduction to public health | 8 | 213 | 160 | 53 | X | | | X | | | | | | X | | | | |
| SEMESTER 2 | | | | | | | | | | | | | | | | | | | |
| Compulsory course units | | | | | | | | | | | | | | | | | | | |
| | Fundamentals of human anatomy and histology II/II | 3 | 80 | 64 | 16 | X | | | X | | | | | | | | | | |
| | Human physiology I/II | 7 | 187 | 128 | 59 | X | | | X | | | | X | | | | | | |
| | Biochemistry I/II | 3 | 80 | 52 | 28 | X | | | X | | | | | | | | | | |
| | Microbiology I/II | 5 | 133 | 80 | 53 | X | | | X | | | | X | | | | | | X |
| | Foreign language II/II | 6 | 160 | 64 | 96 | | | X | | | | | | | | | | | |
| | Speciality language | 3 | 80 | 48 | 32 | | | X | | | | | | | | | | X | |
| | Genetics and fundamentals of genomics | 3 | 80 | 48 | 32 | X | | | X | | | X | X | | | | | | |
| YEAR II | | | | | | | | | | | | | | | | | | | |
| SEMESTER 3 | | | | | | | | | | | | | | | | | | | |
| Compulsory course units | | | | | | | | | | | | | | | | | | | |
| | Human physiology II/II | 5 | 133 | 80 | 53 | X | | | X | | | | X | | | | | | |

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|--------------------------------|---|----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Biochemistry II/II | 4 | 107 | 64 | 43 | X | | | X | | | | | | | | | | |
| | Microbiology II/II | 6 | 160 | 72 | 88 | X | | | X | | | | X | | | | | | |
| | Health psychology | 3 | 80 | 48 | 32 | X | | X | | | | | | | | | X | X | |
| | Fundamentals of health economics and management | 6 | 160 | 80 | 80 | X | | | X | X | | | | X | | | X | | |
| | Communication skills | 3 | 80 | 40 | 40 | X | X | X | | | | | | | | | X | X | |
| | Health anthropology | 3 | 80 | 32 | 48 | X | | | X | | | | X | | | | X | | |
| | | | | | | | | | | | | | | | | | | | |
| SEMESTER 4 | | | | | | | | | | | | | | | | | | | |
| Compulsory course units | | | | | | | | | | | | | | | | | | | |
| | Pathology | 3 | 84 | 64 | 20 | X | | | X | | | | X | | | | | | |
| | Preventive medicine I/II | 11 | 293 | 190 | 103 | X | | | X | | | | X | | | | | | X |
| | Family health | 5 | 138 | 80 | 58 | X | | | X | | | | X | | | | | | X |
| | Health sociology | 3 | 80 | 40 | 40 | X | | | X | | X | | | | | | X | | |
| | Management of extreme situations | 3 | 80 | 48 | 32 | | X | | X | | | | X | | | | | | |
| Optional course units | | | | | | | | | | | | | | | | | | | |
| | The general university study subjects (Elective course units) | 5 | 125 | 75 | 50 | X | X | X | X | | | | | | | | | | |
| YEAR III | | | | | | | | | | | | | | | | | | | |
| SEMESTER 5 | | | | | | | | | | | | | | | | | | | |
| Compulsory course units | | | | | | | | | | | | | | | | | | | |
| | Biostatistics | 7 | 191 | 144 | 47 | | X | | X | X | X | X | X | | | X | | | |
| | Radiation protection | 3 | 80 | 64 | 16 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Preventive medicine | 3 | 82 | 48 | 34 | X | | | X | | | | X | | | | | | X |
| | Health education and promotion | 6 | 162 | 76 | 86 | X | X | X | X | X | X | X | | | X | X | X | X | |
| | Social medicine and addiction | 6 | 160 | 116 | 44 | X | X | X | X | X | | | | | X | | | | X |
| Optional course units | | | | | | | | | | | | | | | | | | | |
| | The general university study subjects (Elective course units) | 5 | 125 | 75 | 50 | X | X | X | X | | | | | | | | | | |
| SEMESTER 6 | | | | | | | | | | | | | | | | | | | |
| Compulsory course units | | | | | | | | | | | | | | | | | | | |
| | Nutrition and food safety I/II | 3 | 92 | 52 | 40 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Fundamentals of occupational health I/II | 3 | 80 | 52 | 28 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Fundamentals of environmental health I/II | 6 | 160 | 128 | 32 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Health safety of children and adolescents I/II | 3 | 85 | 52 | 33 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Fundamentals of epidemiology I/II | 6 | 165 | 120 | 45 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Fundamentals of scientific research | 4 | 100 | 41 | 59 | X | X | | X | X | | X | | | | | | | X |
| Optional course units | | | | | | | | | | | | | | | | | | | |

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|--------------------------------|--|----|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | The general university study subjects (Elective course units) | 5 | 125 | 75 | 50 | X | X | X | X | | | | | | | | | | |
| YEAR IV | | | | | | | | | | | | | | | | | | | |
| SEMESTER 7 | | | | | | | | | | | | | | | | | | | |
| Compulsory course units | | | | | | | | | | | | | | | | | | | |
| | Nutrition and food safety II/II | 5 | 133 | 74 | 59 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Fundamentals of occupational health II/II | 4 | 107 | 74 | 33 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Fundamentals of the environmental health II/II | 4 | 107 | 74 | 33 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Health safety of children and adolescents II/II | 5 | 133 | 74 | 59 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Fundamentals of epidemiology II/II | 6 | 160 | 106 | 54 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| | Law of public health | 3 | 80 | 64 | 16 | X | | X | X | | | | | X | X | | X | | |
| | Arrangement of bachelor degree thesis | 3 | 80 | 0 | 80 | X | X | | X | X | X | | | X | | X | | | X |
| SEMESTER 8 | | | | | | | | | | | | | | | | | | | |
| Compulsory course units | | | | | | | | | | | | | | | | | | | |
| | Arrangement and defence of bachelor degree thesis | 15 | 400 | 160 | 240 | X | X | | X | X | X | | | X | | X | | | X |
| | Professional practice | 15 | 400 | 0 | 400 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |