



Course Regime

Course: **HEALTH AND ENVIRONMENT**

Study Programme:

Medicine Dental Medicine

Year of the Course: 1 2 3 4 5 6

Semester:

Winter Summer

Course type:

Compulsory Elective

Number of ECTS credits: 4

Lecturer(s): **prof.dr. Lijana Zaletel-Kragelj**

Participating Organisational Units (Departments and Institutes): **Chair of Public Health**

Parts (Modules) of the Course

Module 1: Health and social environment

Module 2: Health and physical environment

Date of Issue: **September 15, 2018**

A. General part

1. Course objectives

OBJECTIVES

Objectives of the course are:

- to introduce students to the influence of the basic and complex determinants of the social environment on the health of the individual and the population,
- to introduce students to the influence of the basic and complex determinants of the physical environment (natural and built environment) on the health of the individual and the population,
- to get to know students with the influence of complex determinants in which both, determinants of the social and determinants of the physical environment, intertwine.

COMPETENCES

The competences expected are only first-level competences, so at the end of the module it is expected that students:

- know and understand the influence of the basic and complex determinants of the social environment on the health of the individual and the population,
- know and understand the influence of the basic and complex determinants of the physical environment (natural and built environment) on the health of the individual and the population,
- know and understand the influence of complex determinants in which both determinants of the social and determinants of the physical environment intertwine.

2. Comprehensive outline of the course organisation

The course HEALTH AND ENVIRONMENT is implemented in two modules:

- Module 1: Health and social environment
- Module 2: Health and physical environment

The course is taught in the form of lectures and seminars:

- lectures (20 hours: in Module 1 10 hours and Module 2 10 hours). Participation in lectures is not mandatory, however, it is recommended,
- seminars (40 hours: Module 1 20 hours and Module 2 20 hours), on which the topics presented in the lectures are upgraded with current events in Slovenia or abroad. The work is divided into work in small groups and work in large groups (major seminars):
 - seminar work in small groups: students in a small group, together with the mentor, process more detailed one of the current subject areas; participation is obligatory at all meetings of each group and on the presentation of a seminar topic at a major seminar (in case of non-participation, the student has to give the appropriate apology),
 - major seminars: all the small groups briefly present the results of their work and discuss the topic with other students; work is carried out in the main classroom; 70% participation is required, the presence is checked,

In the framework of seminars, students prepare a seminar paper:

- individual student with other students of a small group produce one seminar paper (in the Module 1 or in the Module 2),

- the output is evaluated (the maximum number of points is 15) and is part of the examination of the knowledge (examination); the final achievement (number of points achieved) is published in the online classroom UL MF at the end of Module 2.

All notices about the lessons (location, exact timetable) and examination (dates and location of partial and final exams) in the course ENVIRONMENT AND HEALTH is published in the UL MF online classroom and on the UL MF website.

3. Description of on-going assessment of knowledge and skills

The Chair of Public Health aims to encourage students to study continuously, and therefore in the frame of the HEALTH AND ENVIRONMENT course offers the possibility of passing the exam with two partial written examinations (process evaluation) during the current academic year. Partial written exams are not compulsory.

This method of examining the knowledge, like in the final assessment examination (Item 5), consists of a compulsory written and optional oral part

If the student chooses to perform a written part of the examination of the knowledge with two partial written examinations, the written part of the examination as a whole consists of:

- mandatory seminar work; the maximum possible number of points is 15 points (mentor: up to 5 points, presentation in front of the auditorium: up to 3 points, teacher: up to 7 points)
- the test of the first partial written examination, which consists of 15 test questions (MCQ - Multiple Choice Question) with one correct answer; the correct answer can be a combination of several basic independent answers; each question is worth 1 point; there are no negative or partial points; the maximum possible number of points is 15 points; the minimum number of points that the student must achieve to take the first partial written examination into consideration as done is 5 points,
- the test of the second partial written examination, which consists of 15 test questions (MCQ - Multiple Choice Question) with one correct answer; the correct answer can be a combination of several basic independent answers; each question is worth 1 point; there are no negative or partial points; the maximum possible number of points is 15 points; the minimum number of points that the student must achieve to take the first partial written examination into consideration as done is 5 points,

The maximum total number of points that a student can obtain with all three parts of this way of performing a knowledge examination is 45 points; based on the total number of points accumulated, the final grade of the compulsory written part of the examination is determined as follows:

Insufficient (1-5)	0-22 točk
Sufficient (6)	23-27 točk
Good (7)	28-31 točk
Very good (8)	32-36 točk
Very good (9)	37-40 točk
Excellent (10)	41-45 točk

Students can also do the optional oral part of the examination at their own request. In doing so, the grade obtained in the written part of the examination can increase, it remains the same, or it can be lowered.

Application for the 1st partial examination is internal at the Chair of Public Health Office, the application for the 2nd partial exam is via the VIS.

4. Required conditions for the final examination (Course Exam)

The student can take the course final exam when he/she has completed the seminar work (completed, presented and evaluated).

5. Final assessment and examination of knowledge and skills (Course Exam)

Summative (final) evaluation of knowledge (course exam) consists of a compulsory written and optional oral part.

The written part of the examination as a whole consists of:

- mandatory seminar work; the maximum possible number of points is 15 points (mentor: up to 5 points, presentation in front of the auditorium: up to 3 points, teacher: up to 7 points)
- the test, which consists of 30 test questions (MCQ - Multiple Choice Question) with one correct answer; the correct answer can be a combination of several basic independent answers; each question is worth 1 point; there are no negative or partial points; the maximum possible number of points is 30 points; the minimum number of points that the student must achieve to take the written examination into consideration as done is 15 points.

The maximum total number of points that a student can obtain with both parts of this way of performing a knowledge examination is 45 points; based on the total number of points accumulated, the final grade of the compulsory written part of the examination is determined as follows:

Insufficient (1-5)	0-22 točk
Sufficient (6)	23-27 točk
Good (7)	28-31 točk
Very good (8)	32-36 točk
Very good (9)	37-40 točk
Excellent (10)	41-45 točk

Students can also do the optional oral part of the examination at their own request. In doing so, the grade obtained in the written part of the examination can increase, it remains the same, or it can be lowered.

6. Other provisions

Detailed instructions regarding seminars are available in the UL MF online classroom.

When checking the knowledge, a pencil is permitted as a device.

A refusal of a positive examination is not possible, but the student may again take the exam as determined in the Rules on the assessment and assessment of knowledge and skills for a uniform master's study program Medicine and Dental Medicine: a student may, at the time of study, correct a positive examination once at a maximum of ten objects selected by her/himself, except for the grade obtained at the commission examination.

Students with special needs can perform all forms of up-to-date and final examinations up to 50% more time.

7. Fundamental study material and Supplement reading

FUNDAMENTAL STUDY MATERIAL

Zaletel-Kragelj L, Eržen I, Kuček A, uredniki. Zdravje in okolje. Študijsko gradivo za EMŠ Medicina. Ljubljana: Medicinska fakulteta Univerze v Ljubljani, Katedra za javno zdravje, 2017.

The material is available in the UL MF online classroom.

SUPPLEMENTARY READING

Georgieva L, Burazeri G, urednika. Health determinants in the scope of new public health: a handbook for teachers, researchers and health professionals. Lage: H. Jacobs, 2005.

The material is available in the UL MF online classroom and in CML.

8. Exam topics, clinical presentations and skills

EXAM TOPICS

1. Socio-economic factors and health
2. Social values and beliefs and health
3. Social networking and health
5. Inequalities in relation to health
4. Community and health
6. Human development periods and health
7. Risky behaviour and health
8. Stress and health
9. Healthcare system
10. Healthcare services
11. The attitude of the state and the international community towards health
12. Social crises and disasters and health
13. Biological factors and health
14. Chemical factors and health
15. Physical factors and health
16. Biomechanical factors and health
17. Air and health
18. Water and health
19. Soil and health
20. Food and health
21. Built environment and health
22. The micro-environment of the human body and health
23. Natural and other disasters in the environment and health

9. Other information

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