Study Requirements of Public Health and Preventive Medicine Course For 4th Year Medical Students

In the course, the students become familiar with the basic principles and epidemiological characteristics of communicable diseases, with environmental and occupational health, as well as the ways to prevent or counteract the health effects caused by the exposures of environmental or occupational origin.

Public health and preventive medicine is taught in 2 hours lectures and 2 hours practices per week (due to the actual schedule of the semester 3 or 2 hours per week for 11 weeks of the semester).

1) The lectures will be held at the time and place indicated in the schedule. **Attendance of the lectures will be checked** (to check their presence, students will have to answer 3 questions during the lectures and the slips with the answers will be given to the teacher at the end of the lecture) **and regular presence will be rewarded at the exam (see Section 6)**. Arrival more than 20 minutes late will be regarded as absence. The exam will include also materials taught at the lectures.
2) **Participation at all practicals is compulsory** (Faculty Academic Regulations: 9.6., 9.8.).
   a. Arrival to the practical more than 10 minutes late will be regarded as absence.
   b. The number of absences must not exceed 25% of the total number of practicals. Two absences are accepted without certificate, but the third absence must be certified for the practical teacher on the following practical.
   c. To make up for a missed class, students may join another group in the same week, but maximally twice in the semester; and both teachers must be informed about this. Making up for a class is accepted only if the student is present for the whole practice.
   d. If the absences exceed 25% and if the student did not make up for the missed classes, the course is not fulfilled and the Department will deny to accept the course – unless the Head of the Department permits to make up for the missing class.
3) Students are required to work individually at the practices. They are expected to be prepared for the following practical from the textbook and from own lecture notes. The schedule of topics is available on the website of the Department and on CooSpace.
4) **Once during the semester, each student has to present an infectious disease in a PowerPoint presentation on a prearranged practice (weeks 2-6), based on a separate guideline (see CooSpace).** Till 10 February, every student has to choose a topic from the list presented on CooSpace (Folder: Application)**.** The PowerPoint presentation should be uploaded to CooSpace (Tasks → Presentation) not later than 13:00 the day before the presentation, and then be presented during the practice. The PowerPoint material is evaluated by the teacher, and if it is not appropriate it must be corrected. A presentation of appropriate quality at the prearranged time is a condition of signing the semester (see separate guideline).
5) **The students' knowledge will be checked by written demonstrations (CooSpace test) twice in the semester, at the time of practices in the 6th and 11th week of the semester.** The demonstrations can be written only once. One occasion – in the 11th week of the semester – will be provided to make up for the demonstration for those who failed to write it due to objective reasons. In case a student does not write the demonstration their semester will not be signed. Maximum 20 points can be gained at each demonstration (altogether 40 points).
6) **The material that must be known for the examination (including the study material of the first semester) is the textbook and the "Educational materials" (lectures+practices) uploaded on the CooSpace. The examination at the end of the semester** (the first exam, and in case of failure, the second and the third exam, and repeating a successful exam) **consists of "Entry questions" (written) and a "Theoretical topics" (oral) part.**
   The result of the entry part can be "Accepted" or "Not accepted". For answering the two entry questions, students will have **10 minutes. For acceptance, the answer should be**

complete for both questions. In case of a "Not accepted" result, the student can not pick topics from the Theoretical topics and the exam is failed.
Students who gained at least 30 points in the two demonstrations (CooSpace test) AND attended at least 60% of the lectures (i.e. 10 lectures) can skip the entry part, and will start directly by picking the Theoretical topic at the first final exam. This benefit is valid only at the first exam.
In case of accepted entry part, the student will pick topics from the **Theoretical topics (A, B and C topics)**. At the third exam, in case of failure of the "Entry questions" the student CAN take the "Theoretical exam" part.
The lists of topics and the related study guide are available on the CooSpace; entry questions will be highlighted with red colour.
In case of one non-appearance, conditions of the second examination are relevant. In case of two non-appearances, conditions of the third examination are relevant.

7) Before examination starts, the examiners will verify the students' identity. The students must be warned about the consequences of cheating prior to the beginning of the examination. Disciplinary measures shall be taken against the student found cheating as per the disciplinary regulations of the University of Szeged. (Faculty Academic Regulations: 13.4.)
8) Those ERASMUS students, who study at another university and spend only 1 or 2 semesters at the University of Szeged, must arrange the courses they need to fulfil (lectures and/or practicals) at the beginning of the semester with the educational advisor. If lectures/practicals are compulsory to fulfil, these students must apply at the lecturer/practical leader to sign his/her name on the attendance list at every lecture or practical.
9) Educational affairs can be managed personally (at prearranged time) or by email. Telephone administration is NOT possible. The educational advisor is Dr. Zsuzsanna Máté PhD; email: mate.zsuzsanna@med.u-szeged.hu. **Emails should contain the full name of the student and faculty, if any of these data is missing then no reply will be given.**

Conditions of signing the semester

1) The number of absences must not exceed 25% of the total number of practicals (3 occasions).
2) Presentation of an infectious disease, performed at an acceptable level and in appropriate time.
3) Writing the mid-semester demonstrations.

Literature

Obligatory:

• Paulik E (ed.): Public Health and Preventive Medicine. Medicina Publishing House, Budapest, 2013
• "Educational materials" available from CooSpace (lecture/practice slides, other documents).
• All material taught at lectures and practices.

Recommended:

• Tulchinsky TH, Varavikova EA: The New Public Health, 2nd ed., Elsevier Academic Press, 2009, ISBN: 978-0-12-370890-8
• Donaldson LJ, Donaldson RJ: Essential Public Health, 2nd ed. Petroc Press, 2003, ISBN: 190060387X

The website of the Department of Public Health: http://web.med.u-szeged.hu/puhe

Szeged, 3 February 2023

Prof. Edit Paulik MD, PhD
Head of Department

Outcome requirement of the subject (learning outcome of the subject):

KNOWLEDGE	SKILLS	ATTITUDE	RESPONSIBILITY-AUTONOMY
He/she is aware of the frequency, characteristics, risk groups, control measures of infectious diseases of epidemiological significance, including prevention options.	Advises on the prevention of infectious diseases.	Keeps an eye on control measures of infectious diseases in everyday care.	Responsible for the implementation of the necessary epidemiological measures to prevent infectious diseases and epidemics.
Knows the current vaccination schedules, especially with regard to compulsory vaccinations.	He/she is able to provide information on mandatory and recommended vaccinations.	Represents the necessity of taking mandatory and recommended vaccines, considers them mandatory for themselves.	Feels responsible for maintaining a high level of national vaccination coverage.
He/she is familiar with the legislation on epidemiological activities related to infectious diseases and follows their changes.	He/she is able to apply his/her professional knowledge effectively in accordance with the requirements of professional guidelines, legislation and methodology letters.	Follows professional guidelines, legislation, methodological letters, and develop its professional knowledge.	Adheres to applicable professional policies, legislation, methodological letters, and epidemiological legislation.
He/she is familiar with the basic principles of infection control and the related practice guidelines.			Takes responsibility for the improvement of patient safety.
He/she is aware of the indications and methodology of hand hygiene.	Applies the rules for hand hygiene in daily medical activities.	Regards the rules of hand hygiene as compulsory on itself.	Applies and abides by hand hygiene rules.
Knows the global problem of antimicrobial resistance.	Consciously uses important antimicrobials.	He/she is going straight in the field of action against antimicrobial resistance.	Takes responsibility for antimicrobial resistance and make appropriate decisions when using antimicrobial agents.
Knows the health-damaging effects of the environment and knows how to prevent them.	Analyses the risk factors coming from the environment at a given population group or at individual level.		Keeps an eye on environmental awareness.

Knows the occupational risk factors and their ways of prevention.	Analyses occupational risk factors for a particular workplace or for an individual.		
Gives a short lecture for his/her fellows on a specific topic within a specified time frame.	Able to find and present relevant and authentic literature sources on the topic.		Makes a small presentation about an infectious disease.

Szeged, 3 February 2023

Prof. Edit Paulik MD, PhD
Head of Department