



Course Regime

Course: **EVIDENCE BASED PUBLIC HEALTH**

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: **3**

Lecturer(s): **doc. dr. Andreja Kukec**

Participating Organisational Units (Departments and Institutes): /

Parts (Modules) of the Course

- 1: Lectures - Evidence-based public health (concept, principles)
- 2: Practical work - literature search, seminar protocol
- 3: Seminar - independent work in groups
- 4: Seminar - group presentation of seminar work

Date of Issue: **15. 9. 2020**

A. General part (*applies to compulsory and elective courses*)

1. Course objectives

Goals:

- introduce students with principles of evidence-based public health,
- introduce students with the preparation of the systematic literature review (systematic review, basics of meta-analysis).

Competences:

- students gain knowledge and understand the importance and principles of evidence-based public health,
- students gain knowledge and understand the preparation of a systematic literature review (search for literature, preparation of a professional and scientific article, preparation of a protocol for the registration of a systematic review).

2. Comprehensive outline of the course organisation

The subject EVIDENCE BASED PUBLIC HEALTH is carried out in the form of lectures (5 hours), clinical work - literature search, preparation of seminar protocol (25 hours) and presentation of the seminar (15 hours).

All notices about the lectures is published in the UL MF online classroom and website.

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

There are no on-going examinations of knowledge and skills in the course.

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

There are no required conditions for the approach to the final examination.

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

The final examination consists of preparation of a seminar (a review article) on selected topic from the field of public health. Students prepare the seminar in groups and submit it in the written form. Students also prepare oral presentation of the seminar and present it in front of the class (students participating in the course).

The subject holder grade assignments (seminars) with the following rating scale: 5 - insufficient, 6 - sufficient. 7 - good, 8 - very good, 9 - very good and 10 - great. Students can improve their grade at the oral examination. Applications and check-outs take place through the VIS Information System.

6. Other provisions

Articles 30 and 34 of the Rules on the Evaluation of Knowledge and Skills for Study Program Medicine and Study Program Dental Medicine apply.

7. Fundamental study material and Supplement reading

1. Zaletel-Kragelj L, Eržen I, Premik M. Uvod v javno zdravje. Ljubljana: Medicinska fakulteta UL, 2007.
2. Brownson RC, Baker EA, Leet T, Gillespie KN. Evidence based public health. Oxford, New York: Oxford University Press, 2003.
3. Klepac P, Locatelli I, Korošec S, Künzli N, Kukec A. Ambient air pollution and pregnancy outcomes: a comprehensive review and identification of environmental public

health challenges. *Environmental research : multidisciplinary journal of environmental sciences, ecology, and public health*; 2018, 167 (8): 144-159.

8. Exam topics, clinical presentations and skills

1. Evidence-based public health
2. Principles of evidence-based public health
3. Systematic review and meta-analysis

9. Other information

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B. Elective Courses (*considered as Elective Course Announcement*)

1. Participating main and guest lecturers

Assist. Prof. Andreja Kukec

Assist. Tanja Rejc

2. Estimated time period in the semester

Winter Semester: (implementation is planned in period from November 2020 to January 2021)

3. Maximum number of students for the elective course (if the number of students able to attend the course is limited)

No limit

4. Please specify if the elective course is available in English for incoming international students (Erasmus + and others). Please specify any additional conditions in the case that the elective course is available for visiting students.

The elective course is available in English.