

**Course Title:** **Epidemiology and Environmental Medicine**  
**Course Director:** dr hab. Agnieszka Pac

**Coordinator /contact:** dr hab. Agnieszka Pac  
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**Address:** Chair of Epidemiology and Preventive Medicine,  
7a, Kopernika St., Krakow

**Year:** II

**Total number of hours:** 30  
Lectures: .....  
Seminars: .....  
Labs/Practicals: 30  
Others (e.g. recitation): .....  
Exams:

**Conduct/Dress Code:** in agreement with JUMC dress code

**Student's Evaluation:**

- credit requirements: Student have to receive more than 50% for each of the following:
  - presentation of the epidemiological description of the chosen disease;
  - project based on disease outbreak
  - final written test.

The final grade is based on the results of final test (50% weight) and credit for the skill assessment (epidemiological description + outbreak; weights 25% each).

Grading system:

<50.0%	=failed (2.0)
50.0% - 59.9%	=satisfactory (3.0)
60.0%-69.9%	= satisfactory plus (3.5)
70.0%-79.9%	= good (4.0)
80.0 - 89.9%	= good plus (4.5)
90.0 - 100%:	= very good (5.0)

- attendance requirements: Student should be present for at least 90% of all practicals/classes. In the case of absences student have to make up for these classes in the form of essay or assignment given by the responsible teacher

-type of the final exam: MCQ test; May 6<sup>th</sup>, 2021

-retake information: The make-up credit is based on the same activities but test has a form of 5 "open" questions.

**Teachers:**

- Dr hab. Agnieszka Pac e-mail: [agnieszka.pac@uj.edu.pl](mailto:agnieszka.pac@uj.edu.pl)
- Dr hab. Aleksander Gałaś e-mail: [aleksander.galas@uj.edu.pl](mailto:aleksander.galas@uj.edu.pl)
- Dr Elżbieta Sochacka-Tatara e-mail: [e.sochacka-tatara@uj.edu.pl](mailto:e.sochacka-tatara@uj.edu.pl)
- Mgr Renata Majewska e-mail: [renata.majewska@uj.edu.pl](mailto:renata.majewska@uj.edu.pl)

Date	Day	Time	Type of classes	No. of hours	Group	Topic	Teacher	Place	
March, 4 <sup>th</sup> , 2021	Thu	8:15-9:45	Practicals	2	Whole class	Demographical factors related to health status	Dr E. Sochacka-Tatara	MS Teams	
		10:00-11:30		2		Criteria for the epidemiological assessment of population health. The indicators of disease burden (incidence, prevalence). Data sources for population health assessment.	Dr E. Sochacka-Tatara		
March, 11 <sup>th</sup> , 2021	Thu	8:15-9:45		2		Criteria for the oral health assessment in population research. Diseases of oral cavity and disease burden (DALY, QALY). Methods of the assessment of disease frequency in different population groups (standardization).	Dr hab. A. Gałaś		
		10:00-11:30		2		Basic concepts in Public Health. Principles of the healthcare system functioning. Health policy of the state.	Dr hab. A. Gałaś		
March, 18 <sup>th</sup> , 2021	Thu	8:15-9:45		2		Epidemiological research. Interpretation of research results – example of dental carries. The identification of risk factors and populations at risk.	Dr hab. A. Pac		
		10:00-11:30		2		The role of environment in oral health. Planning, carrying out and results interpretation of case-control study – oral cancer example.	Dr hab. A. Pac		
March, 25 <sup>th</sup> , 2021	Thu	8:15-9:45		2		The use of cohort study in establishing the causal relationship- cardiovascular disease example. Attributable risk.	Dr hab. A. Pac		
		10:00-11:30		2		Randomized controlled trial in assessment of effectiveness of dental treatment and prevention actions.	Dr hab. A. Pac		
April, 8 <sup>th</sup> , 2021	Thu	8:15-9:45		2		Natural history of the disease and prevention (primary, secondary and tertiary prevention). The factors influencing the population health.	Mgr R. Majewska		
		10:00-11:30		2		Early detection of the disease. The idea of screening – the validity of screening tests.	Mgr R. Majewska		
April, 15 <sup>th</sup> , 2021	Thu	8:15-9:45		2		The epidemic triad. The role of dentist in triad. The dental office as a potential part of epidemiological chain of infection. Nosocomial infections.	Dr E. Sochacka-Tatara		
		10:00-11:30		2		The burden of communicable diseases and methods of their spread control. The rules for the epidemiological outbreak assessment.	Dr E. Sochacka-Tatara		
April 22 <sup>nd</sup> , 2021	Thu	8:15-9:45		2		The case study – disease outbreak.	Dr E. Sochacka-Tatara		LH D
		10:00-11:30		2		Does every relationship is a causal one? The rules for the causality judging.	Dr E. Sochacka-Tatara		
April, 29 <sup>th</sup> , 2021	Thu	10:00-11:30		2		The relationship between oral health and general health – the critical appraisal of published papers.	Dr hab. A. Pac		LH C

LH C, LH D – Lecture halls C and D, respectively, CDK, Łazarza 16