

Course Title: Epidemiology and Public Health
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Year: 3-6
Total number of hours: 40
Lectures: 0
Seminars: 28
Practical class: 10
Others (e.g. recitations): 0
Exams: 2

Conduct/Dress Code:

Student's Evaluation:

-grading scheme: based on the practical class assignments, essay and the final exam (multiple-choice questions)
-absences allowed: 3
-type of the final crediting: a grade based on:
1) a score for the investigation of an outbreak (max.100%)-contributes as 10% to the final score
2) a score for the presentation (study design topic, requirements will be provided separately) (max.100%) - contributes as 10% to the final score
3) an average score for the assignments provided during study design practical class (max.100%)- contributes as 10% to the final score
4) an essay discussing the development of public health strategies for a particular health related problem (requirements will be provided separately) (max.100%)
- contributes as 20% to the final score
5) a score for the exam - contributes as 50% to the final score
It is necessary to get at least 50% (as an average) out of max.100% to get final credit for the course.

Grading scheme:

50.0 - 59.9%: (3.0)
60.0 - 69.9%: (3.5)
70.0 - 79.9%: (4.0)
80.0 - 89.0%: (4.5)
90.0 – 100%: (5.0)

-retake information: The second term will be announced. To pass, the student should achieve 50% on the final exam. For the grading scheme see above

| Date | Day | Time | Type of classes | N0 of hours | Group | Topic | teacher | place |
|--------------|-----|-------------|-----------------|-------------|-------------|---|-------------------------------|-------------------------|
| Feb 28, 2019 | Thu | 8.15-10.30 | sem | 3 | whole class | Epidemiology. The role of epidemiology in risk assessment. Measures of disease frequency and the consequence of disease. Source of information. Epidemiology of non-communicable diseases (NCDs). What is public health. Public health goals and functions. Public health indicators. Development and role of surveillance. | Aleksander Galas MD, PhD | LHC, CDK ul. Łazarza 16 |
| Mar 7, 2019 | Thu | 8.15-10.30 | sem | 3 | whole class | Study design in epidemiology and public health. Benefits and limitations. Measures used to conclude on causality | Aleksander Galas MD, PhD | LHC, CDK ul. Łazarza 16 |
| Mar 14, 2019 | Thu | 8.15-9.45 | sem | 2 | whole class | Demography in epidemiology and public health. Demographic determinants of health. | Aleksander Galas MD, PhD | LHC, CDK ul. Łazarza 16 |
| Mar 4, 2019 | Mon | 11.00-12.30 | practical class | 2 | group 1A | Study design in practice: cross-sectional study | Aleksander Galas MD, PhD | 218 |
| | | | | | group 1B | Study design in practice: cross-sectional study | Katarzyna Zawisza, PhD | S2 |
| Mar 4, 2019 | Mon | 12.35-14.05 | practical class | 2 | group 1A | Study design in practice: case-control study | Aleksander Galas MD, PhD | 218 |
| | | | | | group 1B | Study design in practice: case-control study | Katarzyna Zawisza, PhD | S2 |
| Mar 4, 2019 | Mon | 14.10-15.40 | sem | 2 | group 1 | Communicable disease epidemiology. Determinants of a disease spread. Endemic and epidemics. The chain of infection. Communicable disease prevention and control. | Aleksander Galas MD, PhD | LHA |
| Mar 5, 2019 | Tue | 11.00-12.30 | practical class | 2 | group 1A | Study design in practice: cohort study | Aleksander Galas MD, PhD | ? |
| | | | | | group 1B | Study design in practice: cohort study | Katarzyna Zawisza, PhD | ? |
| Mar 5, 2019 | Tue | 12.35-14.05 | practical class | 2 | group 1A | Investigation of an outbreak | Aleksander Galas MD, PhD | ? |
| | | | | | group 1B | Investigation of an outbreak | Dorota Mrożek-Budzyn, MD, PhD | ? |
| Mar 5, 2019 | Tue | 14.10-15.40 | sem | 2 | group 1 | Clinical epidemiology. Epidemiology in decision making, evaluation of treatment and assessment of prognosis. Nosocomial (hospital acquired) infections | Aleksander Galas MD, PhD | ? |

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| Mar 6, 2019 | Wed | 11.00-12.30 | practical class | 2 | group 1A | Study design in practice: intervention study | Aleksander Galas MD, PhD | S1 |
| | | | | | group 1B | Study design in practice: intervention study | Katarzyna Zawisza, PhD | LHD |
| Mar 6, 2019 | Wed | 12.35-14.05 | sem | 2 | group 1 | The scope of prevention. Levels of prevention. Screening - determinants and implementation. The characteristic of a test (test validity). | Katarzyna Zawisza, PhD | LHD |
| Mar 6, 2019 | Wed | 14.10-15.30 | sem | 2 | group 1 | Environmental epidemiology. Assessment of the exposure and the effect. The role of environment in health. | Pac Agnieszka, PhD | LHC (until 15.30) |
| Mar 7, 2019 | Thu | 11.00-12.30 | sem | 2 | group 1 | Lifestyle and socioeconomic factors as determinants of health. Social epidemiology. The contribution of social determinants to public health. Health promotion | Katarzyna Zawisza, PhD | LHC |
| Mar 7, 2019 | Thu | 12.35-14.05 | sem | 2 | group 1 | Molecular epidemiology. The role of biomarkers | Aleksander Galas MD, PhD | LHC |
| Mar 7, 2019 | Thu | 14.10-15.30 | sem | 2 | group 1 | Decision making in public health. Models of health policy. Universal health coverage. Health care system models. | Aleksander Galas MD, PhD | LHC (until 15.30) |
| Mar 8, 2019 | Fri | 11.00-12.30 | sem | 2 | group 1 | Concepts for measurement of overall health system performance. Direct and indirect costs. Cost-effect analysis. | Aleksander Galas MD, PhD | LHC |
| Mar 8, 2019 | Fri | 12.35-14.05 | sem | 2 | group 1 | How to communicate knowledge in public health. Public health for healthier societies. Challenges for public health | Aleksander Galas MD, PhD | LHC |
| Mar 8, 2019 | Fri | 14.10-15.30 | sem | 2 | group 1 | Programs of public health. Public health in EU. National and international regulations. | Aleksander Galas MD, PhD | LHC (until 15.30) |
| Mar 25, 2019 | Mon | 11.00-12.30 | practical class | 2 | group 2A | Study design in practice: cross-sectional study | Aleksander Galas MD, PhD | 218 |
| | | | | | group 2B | Study design in practice: cross-sectional study | Katarzyna Zawisza, PhD | S2 |
| Mar 25, 2019 | Mon | 12.35-14.05 | practical class | 2 | group 2A | Study design in practice: case-control study | Aleksander Galas MD, PhD | 218 |
| | | | | | group 2B | Study design in practice: case-control study | Katarzyna Zawisza, PhD | S2 |
| Mar 25, 2019 | Mon | 14.10-15.40 | sem | 2 | group 2 | Communicable disease epidemiology. Determinants of a disease spread. Endemic and epidemics. The chain of infection. Communicable disease prevention and control. | Aleksander Galas MD, PhD | LHD |
| Mar 26, 2019 | Tue | 11.00-12.30 | practical class | 2 | group 2A | Study design in practice: cohort study | Aleksander Galas MD, PhD | 218 |
| | | | | | group 2B | Study design in practice: cohort study | Katarzyna Zawisza, PhD | LHB |
| Mar 26, 2019 | Tue | 12.35-14.05 | practical class | 2 | group 2A | Investigation of an outbreak | Aleksander Galas MD, PhD | 218 |
| | | | | | group 2B | Investigation of an outbreak | Dorota Mrozek-Budzyn, MD, PhD | LHB |
| Mar 26, 2019 | Tue | 14.10-15.30 | sem | 2 | group 2 | Clinical epidemiology. Epidemiology in decision making, evaluation of treatment and assessment of prognosis. Nosocomial (hospital acquired) infections | Aleksander Galas MD, PhD | LHB (until 15.30) |
| Mar 27, 2019 | Wed | 11.00-12.30 | practical class | 2 | group 2A | Study design in practice: intervention study | Aleksander Galas MD, PhD | ? |
| | | | | | group 2B | Study design in practice: intervention study | Katarzyna Zawisza, PhD | ? |
| Mar 27, 2019 | Wed | 12.35-14.05 | sem | 2 | group 2 | The scope of prevention. Levels of prevention. Screening - determinants and implementation. The characteristic of a test (test validity). | Katarzyna Zawisza, PhD | ? |
| Mar 27, 2019 | Wed | 14.10-15.40 | sem | 2 | group 2 | Environmental epidemiology. Assessment of the exposure and the effect. The role of environment in health. | Pac Agnieszka, PhD | ? |
| Mar 28, 2019 | Thu | 11.00-12.30 | sem | 2 | group 2 | Lifestyle and socioeconomic factors as determinants of health. Social epidemiology. The contribution of social determinants to public health. Health promotion | Katarzyna Zawisza, PhD | LHC |
| Mar 28, 2019 | Thu | 12.35-14.05 | sem | 2 | group 2 | Molecular epidemiology. The role of biomarkers | Aleksander Galas MD, PhD | LHC |
| Mar 28, 2019 | Thu | 14.10-15.30 | sem | 2 | group 2 | Decision making in public health. Models of health policy. Universal health coverage. Health care system models. | Aleksander Galas MD, PhD | LHC (until 15.30) |
| Mar 29, 2019 | Fri | 11.00-12.30 | sem | 2 | group 2 | Concepts for measurement of overall health system performance. Direct and indirect costs. Cost-effect analysis. | Aleksander Galas MD, PhD | LHA |
| Mar 29, 2019 | Fri | 12.35-14.05 | sem | 2 | group 2 | How to communicate knowledge in public health. Public health for healthier societies. Challenges for public health | Aleksander Galas MD, PhD | ? |
| Mar 29, 2019 | Fri | 14.10-15.40 | sem | 2 | group 2 | Programs of public health. Public health in EU. National and international regulations. | Aleksander Galas MD, PhD | ? |

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| Apr 8, 2019 | Mon | 11.00-12.30 | practical class | 2 | group 3A | Study design in practice: cross-sectional study | Aleksander Galas MD, PhD | 218 |
| | | | | | group 3B | Study design in practice: cross-sectional study | Katarzyna Zawisza, PhD | S2 |
| Apr 8, 2019 | Mon | 12.35-14.05 | practical class | 2 | group 3A | Study design in practice: case-control study | Aleksander Galas MD, PhD | 218 |
| | | | | | group 3B | Study design in practice: case-control study | Katarzyna Zawisza, PhD | S2 |
| Apr 8, 2019 | Mon | 14.10-15.40 | sem | 2 | group 3 | Communicable disease epidemiology. Determinants of a disease spread. Endemic and epidemics. The chain of infection. Communicable disease prevention and control. | Aleksander Galas MD, PhD | LHD |
| Apr 9, 2019 | Tue | 11.00-12.30 | practical class | 2 | group 3A | Study design in practice: cohort study | Aleksander Galas MD, PhD | 218 |
| | | | | | group 3B | Study design in practice: cohort study | Katarzyna Zawisza, PhD | ? |
| Apr 9, 2019 | Tue | 12.35-14.05 | practical class | 2 | group 3A | Investigation of an outbreak | Dorota Mrożek-Budzyn, MD, PhD | 218 |
| | | | | | group 3B | Investigation of an outbreak | Aleksander Galas MD, PhD | ? |
| Apr 9, 2019 | Tue | 14.10-15.30 | sem | 2 | group 3 | Clinical epidemiology. Epidemiology in decision making, evaluation of treatment and assessment of prognosis. Nosocomial (hospital acquired) infections | Aleksander Galas MD, PhD | LHC (until 15.30) |
| Apr 10, 2019 | Wed | 11.00-12.30 | practical class | 2 | group 3A | Study design in practice: intervention study | Aleksander Galas MD, PhD | ? |
| | | | | | group 3B | Study design in practice: intervention study | Katarzyna Zawisza, PhD | ? |
| Apr 10, 2019 | Wed | 12.35-14.05 | sem | 2 | group 3 | The scope of prevention. Levels of prevention. Screening - determinants and implementation. The characteristic of a test (test validity). | Katarzyna Zawisza, PhD | ? |
| Apr 10, 2019 | Wed | 14.10-15.40 | sem | 2 | group 3 | Environmental epidemiology. Assessment of the exposure and the effect. The role of environment in health. | Pac Agnieszka, PhD | ? |
| Apr 11, 2019 | Thu | 11.00-12.30 | sem | 2 | group 3 | Lifestyle and socioeconomic factors as determinants of health. Social epidemiology. The contribution of social determinants to public health. Health promotion | Katarzyna Zawisza, PhD | ? |
| Apr 11, 2019 | Thu | 12.35-14.05 | sem | 2 | group 3 | Molecular epidemiology. The role of biomarkers | Aleksander Galas MD, PhD | ? |
| Apr 11, 2019 | Thu | 14.10-15.40 | sem | 2 | group 3 | Decision making in public health. Models of health policy. Universal health coverage. Health care system models. | Aleksander Galas MD, PhD | ? |
| Apr 12, 2019 | Fri | 11.00-12.30 | sem | 2 | group 3 | Concepts for measurement of overall health system performance. Direct and indirect costs. Cost-effect analysis. | Aleksander Galas MD, PhD | A1, ul. Kopernika 12 |
| Apr 12, 2019 | Fri | 12.35-14.05 | sem | 2 | group 3 | How to communicate knowledge in public health. Public health for healthier societies. Challenges for public health | Aleksander Galas MD, PhD | A1, ul. Kopernika 12 |
| Apr 12, 2019 | Fri | 14.10-15.40 | sem | 2 | group 3 | Programs of public health. Public health in EU. National and international regulations. | Aleksander Galas MD, PhD | A1, ul. Kopernika 12 |

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| will be announced (date after Apr 12, 2019) | | | EXAM | 2 | whole class | EXAM | Aleksander Galas MD, PhD | |
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