Course Title: Epidemiology
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Year: 2-4
Total number of hours: 45
Lectures: 0
Seminars: 14
Labs/Practicals: 29
Others (e.g. recitations: 0
Exams: 2

Conduct/Dress Code:

Student's Evaluation:
-grading scheme: based on the final exam or exceptionally on the activity score
-absence allowed: 3 (every absence is scored as 0% for activity score)
-type of the final crediting: the final exam, that is based on multiple-choice questions.
Date **Mar 19, 2015**

Grading scheme for the exam:
50.0 - 59.9%: satisfactory (3.0)
60.0 - 69.9%: satisfactory plus (3.5)
70.0 - 79.9%: good (4.0)
80.0 - 89.0%: good plus (4.5)
90.0 – 100%: very good (5.0)

Student may exceptionally pass the course without having to take the final exam, provided he/she achieves a minimum 60% of the total points from review questions distributed at the end of each course unit (activity score). In the case of a justified absence (e.g. sick leave) student may obtain additional task to get points for the activity score, otherwise the person is scored as 0% for the absence.
Grading scheme for the activity score:
60.0% - 69.9% -satisfactory (3.0)
70.0% - 77.0% -satisfactory plus (3.5)
77.1% - 86.0% -good (4.0)
86.1% - 93.0% -good plus (4.5)
93.1% - 100% -very good (5.0)

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

	Day	Time	Type of classes	N0 of hours	Group	Topic	teacher	place
Jan. 12, 2015	Mo	10.30-12.00	Sem	2	whole class	What is epidemiology? Introduction. General context. Measuring health and disease. Measures of disease frequency (incidence, prevalence ect).	Aleksander Galas MD, PhD	Łazarza 16, S1
	Mo	12.30-14.00	lab	2	I	Epidemiology of non-communicable diseases. Cancer epidemiology. Measures of the disease consequences (e.g. DALY).	Aleksander Galas MD, PhD	Łazarza 16, S1
	Mo	12.30-14.00	lab	2	II	Epidemiology and prevention of communicable diseases. Chain of infection. Effectiveness of different methods of prevention. Immunisation -programs, achievements, challenges	Dorota Mrozek-Budzyn, MD, PhD	Łazarza 16, S3
Jan. 13, 2015	Tu	10.30-12.00	Sem	2	whole class	Study design part 1. Descriptive studies. A case-control & a cohort study	Aleksander Galas MD, PhD	Łazarza 16 str, S1
Jan. 19, 2015	Mo	10.30-12.00	lab	2	I	Epidemiology and prevention of communicable diseases. Chain of infection. Effectiveness of different methods of prevention. Immunisation -programs, achievements, challenges	Dorota Mrozek-Budzyn, MD, PhD	Łazarza 16, S1

	Day	Time	Type	Hrs	Group	Topic	Teacher	Location
	Mo	10.30-12.00	lab	2	II	Epidemiology of non-communicable diseases. Cancer epidemiology. Measures of the disease consequences (DALY).	Aleksander Galas MD, PhD	Łazarza 16, S3
	Mo	12.30-14.00	lab	2	I	Statistical methods in epidemiology. General concepts. Measures of association. Interpretation	Aleksander Galas MD, PhD	Łazarza 16, S1
	Mo	12.30-14.00	lab	2	II	Statistical methods in epidemiology. General concepts. Measures of association. Interpretation	Agnieszka Pac, PhD	Łazarza 16, S3
Jan. 20, 2015	Tu	10.30-12.00	Sem	2	whole class	Study design part 2. Intervention study. Randomized controlled trials. Potential errors in epidemiological studies. Interpretation of the results. Measures of association (relative risk, attributable risk)	Aleksander Galas MD, PhD	Łazarza 16, S1
Jan 26, 2015	Mo	10.30-12.00	lab	2	I	Study design in practice (cross-sectional study)	Aleksander Galas MD, PhD	Łazarza 16, S1
	Mo	10.30-12.00	lab	2	II	Study design in practice (cross-sectional study)	Agnieszka Pac, PhD	Łazarza 16, S3
	Mo	12.30-14.00	lab	2	I	Basics of social epidemiology. Lifestyle, socio-economic factors and health.	Aleksander Galas MD, PhD	Łazarza 16, S1
	Mo	12.30-14.00	lab	2	II	Study design in practice (case-control study)	Katarzyna Zawisza, MSc	Łazarza 16, S3
Jan 27, 2015	Tu	10.30-12.00	Sem	2	whole class	Causation in epidemiology. Environment and health. Exposure and dose. The concept of cause. Establishing the cause of a disease. Causes of variations in disease frequency	Aleksander Galas MD, PhD	Łazarza 16, S1
Feb. 2, 2015	Mo	10.30-12.00	lab	2	I	Study design in practice (case-control study)	Katarzyna Zawisza, MSc	Łazarza 16, S1
	Mo	10.30-12.00	lab	2	II	Study design in practice (cohort study)	Aleksander Galas MD, PhD	Łazarza 16, S3
	Mo	12.30-14.00	lab	2	I	Epidemiological investigation of communicable disease outbreak. Methods of prevention. Example: Investigation of salmonella outbreak	Dorota Mrozek-Budzyn, MD, PhD	Łazarza 16, S1
	Mo	12.30-14.00	lab	2	II	Study design in practice (intervention study)	Aleksander Galas MD, PhD	Łazarza 16, S3
Feb. 3, 2015	Tu	10.30-12.00	Sem	2	whole class	Epidemiology and Prevention. The scope of prevention. Levels of prevention. Screening.	Aleksander Galas MD, PhD	Łazarza 16, S1
Feb. 16, 2015	Mo	10.30-12.00	lab	2	I	Study design in practice (cohort study)	Aleksander Galas MD, PhD	Łazarza 16, S1
	Mo	10.30-12.00	lab	2	II	Epidemiological investigation of communicable disease outbreak. Methods of prevention. Example: Investigation of salmonella outbreak	Dorota Mrozek-Budzyn, MD, PhD	Łazarza 16, S3
	Mo	12.30-14.00	lab	2	I	Study design in practice (intervention study)	Aleksander Galas MD, PhD	Łazarza 16, S1
	Mo	12.30-14.00	lab	2	II	Environmental health. Information sources for environmental epidemiology. Exposure assessment. Assessment of health effects	Agnieszka Pac, PhD	Łazarza 16, S3
Feb. 17, 2015	Tu	10.30-12.00	Sem	2	whole class	Molecular epidemiology. New concepts on measuring host susceptibility and early health outcome related to exposure.	Aleksander Galas MD, PhD	Łazarza 16 str, S1
Feb. 23, 2015	Mo	10.30-12.00	lab	2	I	Diagnostic testing. Reliability of clinical diagnostic tests (sensitivity and specificity, predictive power). Effectiveness of clinical treatment and prophylactic	Katarzyna Zawisza, MSc	Łazarza 16, S1
	Mo	10.30-12.00	lab	2	II	Clinical epidemiology. Epidemiology in decision making, evaluation of treatment and assessment of prognosis. Nosocomial (hospital acquired) infections -sources, spread, prevention and control	Aleksander Galas MD, PhD	Łazarza 16, S3
Feb. 23, 2015	Mo	12.30-14.00	lab	2	I	Environmental health. Information sources for environmental epidemiology. Exposure assessment. Assessment of health effects	Agnieszka Pac, PhD	Łazarza 16, S1
	Mo	12.30-14.00	lab	2	II	Basics of social epidemiology. Lifestyle, socio-economic factors and health.	Aleksander Galas MD, PhD	Łazarza 16, S3

Date	Day	Time	Type	Hours	Group	Topic	Teacher	Location
Feb. 24, 2015	Tu	10.30-12.00	lab	2	I	Current problems in communicable disease epidemiology Students proposals of preventive projects	Dorota Mrozek-Budzyn, MD, PhD	Łazarza 16, S1
	Tu	10.30-12.00	lab	2	II	Research project in environmental epidemiology. Preparing and discussing students' proposals.	*Agnieszka Pac, PhD*	Łazarza 16, **LHB**
Mar. 2, 2015	Mo	10.30-12.00	lab	2	I	Clinical epidemiology. Epidemiology in decision making, evaluation of treatment and assessment of prognosis. Nosocomial (hospital acquired) infections -sources, spread, prevention and control	*Aleksander Galas MD, PhD*	Łazarza 16, S1
	Mo	10.30-12.00	lab	2	II	Diagnostic testing. Reliability of clinical diagnostic tests (sensitivity and specificity, predictive power). Effectiveness of clinical treatment and prophylactic	*Katarzyna Zawisza, MSc*	Łazarza 16, S3
	Mo	12.30-13.15	lab	1	I	Health care planning and evaluation	*Aleksander Galas MD, PhD*	Łazarza 16, S1
	Mo	12.30-14.00	lab	2	II	Current problems in communicable disease epidemiology Students proposals of preventive projects	Dorota Mrozek-Budzyn, MD, PhD	Łazarza 16, S3
Mar. 3, 2015	Tu	10.30-12.00	Sem	2	whole class	Epidemiology and Public Health	*Aleksander Galas MD, PhD*	Łazarza 16, S1
Mar. 9, 2015	Mo	10.30-12.00	lab	2	I	Research project in environmental epidemiology. Preparing and discussing students' proposals.	*Agnieszka Pac, PhD*	Łazarza 16, S1
	Mo	10.30-11.15	lab	1	II	Health care planning and evaluation	*Aleksander Galas MD, PhD*	Łazarza 16, S3
Mar. 26, 2015	Thu	17.00-18.30	exam	2	whole class	Exam	*Aleksander Galas MD, PhD*	will be announced