

Course Syllabus**Academic year: 2025/2026****I. General Information**

Course name	Epidemiology
Programme	General university classes
Level of studies (BA, BSc, MA, MSc, long-cycle MA)	MA
Form of study (full-time, part-time)	Full-time
Discipline	Health sciences
Language of instruction	English

Course coordinator	PhD Michał Mełges
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Type of class (<i>use only the types mentioned below</i>)	Number of teaching hours	Semester	ECTS Points
Tutorial	30	II	2

Course pre-requisites	Knowledge of English at the B2 level
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II. Course Objectives

1. C1 - Getting to know the basics of epidemiology.
2. C2- perfecting communicative skills in a foreign language at an academic level, relating to the field of study
3. C3 -Preparation to independently recognize threats in the professional field.

III. Course learning outcomes with reference to The Polish Qualifications Framework

Symbol	Description of course learning outcome	Reference to The Polish Qualifications Framework
KNOWLEDGE		
Un_ZJO_W_01	understands foreign language utterances, including specialist terminology related to the field of study	P7S_WG1
SKILLS		
Un_ZJO_U_01	is capable of fluent oral and written communication in a foreign language, including the use of specialist terminology related to the field of study	P7S_UW3
Un_ZJO_U_02	actively participates in discussions in a foreign language on general topics and those related to the field of study, understands complex utterances and refers to presented arguments	P7S_UK1
Un_ZJO_U_03	uses a wide range of literature in a foreign language,	P7S_UW1

	including specialist literature relevant to the field of study	
SOCIAL COMPETENCES		
Un_ZJO_K_01	recognises the importance of knowledge and skills in a foreign language and the culture of the country whose language they are learning for their professional development and functioning in society	P7S_KK2

IV. Course Content

<p>Population health problems; epidemiology of selected disease entities; epidemiology descriptive, analytical, environmental, clinical.</p> <p>Basic knowledge about the spread of disease and health promotion.</p> <p>Topics</p> <ol style="list-style-type: none"> 1. Definition and role of epidemiology in public health. 2. Basic concepts and methods used in epidemiological research 3. Measures of population health: QALY,HRQL, DALY, HDI andBCI 4. Civilization diseases - definition, types, contributing factors, prevention. 5. Types of epidemiological research. 6. Demography as an epidemiological tool. 7. Epidemiology of infectious diseases. Basic concepts and definitions. 8. Methods of preventing infectious diseases - non-specific and specific methods. 9. Alarm pathogens. 10. The impact of globalization on the epidemiology of lifestyle diseases. 11. Screening tests and their importance in medicine. 12. Methods of reducing the risk of nosocomial infections - discussion of basic concepts. 13. Vaccinations 14. Epidemiology of cancer diseases 15. Repetition of the material
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V. Didactic methods used and forms of assessment of learning outcomes

Symbol	Didactic methods <i>(choose from the list)</i>	Forms of assessment <i>(choose from the list)</i>	Documentation type <i>(choose from the list)</i>
KNOWLEDGE			

Un_ZJO_W_01	Information lecture, problem lecture, lecture with multimedia presentation,	multiple-choice test / MCQ /; multiple response test / MRQ /; match test; Y / N test; completion test)	answer sheets
SKILLS			
Un_ZJO_U_01	subject exercises / description / task to be performed	multiple-choice test / MCQ /; multiple response test / MRQ /; match test; Y / N test; completion test)	answer sheets / written study
Un_ZJO_U_02			
Un_ZJO_U_03			
SOCIAL COMPETENCES			
Un_ZJO_K_01	Discussion / simulations / direct and peer observations / solving tasks and tests	Prolonged follow-up by the tutor / tutor / 360 ° assessment (opinions of teachers, colleagues, patients, other colleagues) / Self-assessment (including portfolio)	answer sheets / written study

VI. Grading criteria, weighting factors.....

Conditions for obtaining credit for the course:

Conditions for obtaining credit for the course: Attendance at the tutorial – min. 70%.
 Passing tutorial: multiple choice test

Criteria for evaluation of the final test: for each correct answer -1 point

below 60% - the student accomplishes the assumed learning outcomes to an insufficient degree – note 2,0

61 - 67% - the student accomplishes the assumed learning outcomes to a sufficient degree– note 3,0

68 - 74 % - student accomplishes the assumed learning outcomes to a quite good degree– note 3,5

75 - 86% - student accomplishes the assumed learning outcomes to a good degree– note 4,0

87 - 93% - student accomplishes the assumed learning outcomes to an extent over good– note 4,5

94 - 100 % - student accomplishes the assumed learning outcomes to a very good degree– note 5,0

VII. Student workload

Form of activity	Number of hours
Number of contact hours (with the teacher)	30
Number of hours of individual student work	30

VIII. Literature

Basic literature
1. Bonita R., Beaglehole R., Kjellström T.: <i>Basic Epidemiology</i> , 2nd edition, World Health Organization 2006.

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| <ol style="list-style-type: none">2. Rothman K.J., Greenland S., Lash T.L.: <i>Modern epidemiology</i>, 3rd Edition. Lippincott-Raven Publishers 2012.3. <i>Epidemiology, Nursing and Healthcare</i>: Anne Mulhall, Red Globe Press London 1996. |
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Additional literature

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| <ol style="list-style-type: none">1. <i>Dictionary of epidemiology</i>. Sixth Edition. Oxford University Press 2014.2. Jekel J.F. (et al.): <i>Epidemiology, biostatistics and preventive medicine</i>, 3rd Edition. Elsevier Saunders Company, Philadelphia, Pennsylvania 2007.3. Fletcher R.H. <i>Clinical epidemiology. The essentials</i> fifth edition. Williams and Wilkins 2014. |
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