

Subject name Hygiene and Epidemiology	ECTS Code																
Name of unit teaching the subject THE ZBIGNIEW RELIGA FACULTY OF MEDICAL SCIENCES IN ZABRZE, THE UNIVERSITY OF TECHNOLOGY IN KATOWICE																	
Studies																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Field of study</th> <th style="width: 25%;">degree</th> <th style="width: 25%;">mode</th> <th style="width: 25%;">major</th> <th style="width: 20%;">specialization</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">medical</td> <td style="text-align: center;">Uniform Master's</td> <td style="text-align: center;">stationary</td> <td></td> <td></td> </tr> </tbody> </table>		Field of study	degree	mode	major	specialization	medical	Uniform Master's	stationary								
Field of study	degree	mode	major	specialization													
medical	Uniform Master's	stationary															
Surname of instructor (instructors)																	
Type of class, method of implementation and specified number of hours	Amount of ECTS points 3																
A.Type of class <ul style="list-style-type: none"> • lecture, • exercise classes, • clinical exercise classes • seminars, • design classes • laboratories, • lectureship, • diploma seminar, • professional internship.* <p>* mark where applicable</p>	Description of awarding ECTS points: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Activity</th> <th style="width: 30%;">Student workload</th> </tr> </thead> <tbody> <tr> <td>Participation in lectures</td> <td style="text-align: center;">15 hours</td> </tr> <tr> <td>Participation in practical classes</td> <td style="text-align: center;">30 hours</td> </tr> <tr> <td>Preparation for practical classes and colloquiums</td> <td style="text-align: center;">15 hours</td> </tr> <tr> <td>Examination preparation</td> <td style="text-align: center;">25 hours</td> </tr> <tr> <td>Consultations</td> <td style="text-align: center;">5 hours</td> </tr> <tr> <td>Total number of hours</td> <td style="text-align: center;">90 hours / 30</td> </tr> <tr> <td>Amount of ECTS points per module</td> <td style="text-align: center;">3ETCS</td> </tr> </tbody> </table>	Activity	Student workload	Participation in lectures	15 hours	Participation in practical classes	30 hours	Preparation for practical classes and colloquiums	15 hours	Examination preparation	25 hours	Consultations	5 hours	Total number of hours	90 hours / 30	Amount of ECTS points per module	3ETCS
Activity		Student workload															
Participation in lectures		15 hours															
Participation in practical classes	30 hours																
Preparation for practical classes and colloquiums	15 hours																
Examination preparation	25 hours																
Consultations	5 hours																
Total number of hours	90 hours / 30																
Amount of ECTS points per module	3ETCS																
B.Method of implementation <ul style="list-style-type: none"> • classes in a didactic room • on-line classes/<i>blended learning</i> • classes outside the didactic room (in this case must specify where they are held) 																	
C. Amount of hours in accordance with the approved curriculum Lectures – 15 hours Practical classes – 30 hours																	
Didactic cycle Semester 04																	
Subject status <ul style="list-style-type: none"> • mandatory / facultative 	Language of instruction Polish																
Didactic methods <ul style="list-style-type: none"> • informative lecture • problem-focused lecture • practical exercise classes • seminars 	Forms and methods of passing and general grading criteria or examination requirements <hr style="border-top: 1px dashed black;"/> A. Method of passing <ul style="list-style-type: none"> • examination • passing with a grade* <p>* mark where applicable</p> <hr style="border-top: 1px dashed black;"/> B. Forms of passing: <ul style="list-style-type: none"> • written examination: test / with open questions (exercises)/longer written statement • oral examination • oral assessment/colloquium • completion of a semester assignment: preparation of a design or presentation/conducting research and presenting its results(written/oral)/completion of a specified practical work • agreeing on a passing grade based on partial grades 																

received during the course of the semester*
* mark where applicable

C. Basic grading criteria

- knows the methods of evaluating the health condition of an individual and an entire population, describes the demographic structure of the population and based on this description evaluates the health problems of the population; defines risk of contracting a diseases, interprets measurements of incidence of disease and disabilities, evaluates the epidemiologic situation of commonly occurring diseases in a given country
- knows the principles of working with biological and infectious material, knows hospital and place of work hygiene, knows principles of hygiene and is familiar with disposing of hospital waste, knows the epidemiology of infectious and chronic diseases, methods of their prevention at various stages of the natural history of the disease and the role of epidemiologic supervision
- follows the principles of hygiene of work in order to avoid making medical errors and plans preventive measures at various levels of prevention

Definition of preparatory subjects and initial requirements

Formal requirements: subjects required to be admitted for the III semester of the II year of studies

Initial requirements: familiarity with the content of subjects from I and II semesters of the I year of studies

Subject aim

C1. Familiarizing the students with the basis of a hygienic way of life, work and study, hand hygiene;

C2. Familiarizing the students with basis of epidemiology, types of examinations

C3. Familiarizing the students with the epidemiology of infectious and non-infectious diseases

C4. Familiarizing the students with health risks

C5. Familiarizing the students with principles of nutrition and the hygiene of nutrition

C6. Familiarizing the students with principles of environmental hygiene

Curriculum

A. Lecture content

1. Introduction to hygiene – history, basic terminology, basis of the subject

2. Personal hygiene, professional hygiene, nutritional hygiene

3. Epidemiology – history, definitions, goals, calculations, disease entity

4. Environmental factors, hospital infections, contaminations

5. Final test

B. Content of exercise classes

1. Introduction to hygiene – history, basic terminology, basis of the subject

2. Introduction to hygiene – history, basic terminology, basis of the subject

3. Personal hygiene, professional hygiene, nutritional hygiene

4. Personal hygiene, professional hygiene, nutritional hygiene

5. Epidemiology – history, definitions, goals, calculations, disease entity

6. Epidemiology

7. Environmental factors, hospital infections, contaminations

8. Environmental factors, hospital infections, contaminations

9. Making up mixed classes
10. Final colloquium

Literature

A. Literature required to receive a final credit for classes (pass an exam):

1. Epidemiologia w zdrowiu publicznym, ed. by Jerzy Bzdęga, Anita Gębska-Kuczerowska, Wydawnictwo Lekarskie PZWL, 2010
2. Epidemiologia w medycynie klinicznej i zdrowiu publicznym, Wiesław Jędrychowski, Kraków, 2010
3. Higiena – ed. by Jan Kazimierz Karczewski, Wydawnictwo Czelej, 2002

B. Supplementary literature

Act from 5th December 2008 on the prevention and combating of infections and infectious diseases in humans (Journal of Laws from 30th December 2008) as amended (Journal of Laws from 2012, item 892)

Educational effects:

Effect no	Description of an educational effect	Reference to field of study related effects	Reference to areas of effects
-----------	--------------------------------------	---	-------------------------------

Knowledge:

W1	Knows methods of evaluating the health condition of the individual and the entire population, various systems of disease and medical procedure classification	G.W1	
W2	Knows methods of identification and examination of risk factors, the benefits and faults of various types of epidemiologic examinations as well as measurements indicating the presence of a cause and effect relationship	G.W2	
W3	Knows the epidemiology of infectious and chronic diseases, methods of their prevention at various stages of the natural history of the disease as well as the role of epidemiologic supervision	G.W3	
W4	Knows the legal provisions and basic methods regarding medical experiments as well as conducting other medical studies taking into account the basic methods of data analysis	G.W8	
W5	Knows the legal provisions regarding protecting patient confidentiality, keeping medical documentation, penal, civil, and professional liability of the doctor	G.W11	
W6	Knows the terms violent death and sudden death as well as the differences between injury and trauma	G.W12	

Abilities:

U1	Can describe the demographic structure of the population and based on this evaluate the health problems of the population	G.U1	
U2	Can collect data on the presence of risk factors of infectious and chronic diseases as well as plan prophylactic activities on various levels of prevention	G.U2	
U3	Can interpret measurements of incidence of diseases and disabilities	G.U3	
U4	Can evaluate the epidemiologic situation of commonly occurring diseases in the Republic of Poland and worldwide	G.U4	

Methods used in the verification of educational effects

Educational effect	Type of grade
--------------------	---------------

	colloquiums	Solving problems during exercise classes	Solving problems in groups	Oral examination	Written examination
W1	X	X	X		
W2	X	X	X		
W3	X	X	X		
W4	X	X	X		
W5	X	X	X		
W6	X	X	X		
U1	X	X	X		
U2	X	X	X		
U3	X	X	X		
U4	X	X	X		

Criteria of evaluating educational effects					
Educational effect	For a grade of 3	For a grade of 3.5	For a grade of 4	For a grade of 4.5	For a grade of 5
W1	Amount of points obtained on the final test is between 60%-67%	Amount of points obtained on the final test is between 68%-75%	Amount of points obtained on the final test is between 76%-83%	Amount of points obtained on the final test is between 84%-91%	Amount of points obtained on the final test is between 92%-100%
W2	Amount of points obtained on the final test is between 60%-67%	Amount of points obtained on the final test is between 68%-75%	Amount of points obtained on the final test is between 76%-83%	Amount of points obtained on the final test is between 84%-91%	Amount of points obtained on the final test is between 92%-100%
W3	Amount of points obtained on the final test is between 60%-67%	Amount of points obtained on the final test is between 68%-75%	Amount of points obtained on the final test is between 76%-83%	Amount of points obtained on the final test is between 84%-91%	Amount of points obtained on the final test is between 92%-100%
U1	Amount of points obtained on the final test is between 60%-67%	Amount of points obtained on the final test is between 68%-75%	Amount of points obtained on the final test is between 76%-83%	Amount of points obtained on the final test is between 84%-91%	Amount of points obtained on the final test is between 92%-100%
U2	Amount of points obtained on the final test is between 60%-67%	Amount of points obtained on the final test is between 68%-75%	Amount of points obtained on the final test is between 76%-83%	Amount of points obtained on the final test is between 84%-91%	Amount of points obtained on the final test is between 92%-100%