

## DESCRIPTION OF THE COURSE OF STUDY

<b>Course code</b>	<b>0912-7LEK-C10-ZS</b>	
<b>Name of the course in</b>	Polish	<b>Zakażenia szpitalne</b>
	English	<b>Hospital-Acquired Infections</b>

### 1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

<b>1.1. Field of study</b>	Medicine
<b>1.2. Mode of study</b>	Full-time
<b>1.3. Level of study</b>	Uniform Master's studies
<b>1.4. Profile of study*</b>	General academic
<b>1.5. Person preparing the course description</b>	prof. zw. dr hab. Robert Bucki
<b>1.6. Contact</b>	wnoz_inm@ujk.edu.pl

### 2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

<b>2.1. Language of instruction</b>	<b>English</b>
<b>2.2. Prerequisites*</b>	none

### 3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

<b>3.1. Form of classes</b>	Lecture- 15h	
<b>3.2. Place of classes</b>	Traditional classes in the didactic classes of Faculty of Medicine and Health Sciences	
<b>3.3. Form of assessment</b>	Credit with grade	
<b>3.4. Teaching methods</b>	Informative lecture	
<b>3.5. Bibliography</b>	<b>Required reading</b>	1. Hospital-Acquired Infections Julia B. Wilcox, Nova Science, 2009 - Medical
	<b>Further reading</b>	1 Epidemic of Medical Errors and Hospital-Acquired Infections. By William Charney 2. <a href="https://books.google.pl/books?isbn=0470698608">https://books.google.pl/books?isbn=0470698608</a>

### 4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

<p><b>4.1. Course objectives</b> (<i>including form of classes</i>)</p> <p><b>C1.</b> Familiarization with important issues related to epidemiology of nosocomial infections.</p> <p><b>C2.</b> Understanding the possibility of supervision and control of nosocomial infections, with particular reference to infections caused by multi-resistant strains.</p> <p><b>C3.</b> Understanding the management rules in the endemic hospital environment.</p> <p><b>C4.</b> Understanding the specificity of infections in selected groups of patients.</p> <p><b>C5.</b> Getting to know the post-exposure procedures</p>
<p><b>4.2. Detailed syllabus</b> (<i>including form of classes</i>)</p> <p>1. Introduction to the epidemiology of nosocomial infections.</p> <p>2. Epidemic environment, epidemiological inquiry, focus of inflammation, supervision.</p> <p>3. The role of the microbiological laboratory in the control of nosocomial infections, screening in preventing the spread of resistant strains.</p> <p>4. Hospital infections in selected clinical areas.</p> <p>5. Protection of medical personnel and post-exposure proceedings</p>

#### 4.3 Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of <b>KNOWLEDGE</b> the graduate knows and understands:		
W01	the basics of microbiological and parasitological diagnosis;	C.W19.
W02	the foundation for the diagnosis of gene and chromosome mutations responsible for hereditary and acquired diseases, including cancer;	C.W9.
W03	the epidemiology of infections with viruses, bacteria as well as fungal and parasites infections, including geographical range of their occurrence	C.W13.
W04	the structure of chromosomes and the molecular mechanisms of mutagenesis;	C.W4.
within the scope of <b>ABILITIES</b> the graduate knows how to:		
U01	interpret the results of microbiological tests;	C.U10
U02	Assess environmental hazards and uses basic methods allowing to detect the presence of harmful agents (biological and chemical) in the biosphere;	C.U6

#### 4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes (code)	Method of assessment (+/-)																							
	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Group work*			Others*					
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes					
	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...			
W01				+																				
W02				+																				
W03				+																				
W04				+																				
U01				+																				
U02				+																				

\*delete as appropriate

#### 4.5. Criteria of assessment of the intended learning outcomes

Form of classes	Grade	Criterion of assessment
lecture (L)	3	61% - 68%. Mastering program content at the elementary level, chaotic answers, guidance questions necessary
	3,5	69% -76%. Mastering program content at the elementary level, systematized answers, teacher's help required.
	4	77% -84%. Mastering program content at the elementary level, systematized answers, independent. Solving problems in typical situations.
	4,5	85% -92% The scope of the presented knowledge goes beyond the basic level based on the supplementary reference literature. Solving problems in new and complex situations.
	5	93% -100% The scope of the presented knowledge goes beyond the basic level based on independently acquired scientific sources of information

**5. BALANCE OF ECTS CREDITS – STUDENT’S WORK INPUT**

Category	Student's workload
	Full-time studies
<i>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</i>	<b>15</b>
<i>Participation in lectures*</i>	<b>15</b>
<i>Participation in classes, seminars, laboratories*</i>	
<i>Preparation in the exam/final test*</i>	
<i>Others*</i>	
<i>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</i>	<b>10</b>
<i>Preparation for the lecture*</i>	<b>10</b>
<i>Preparation for the classes, seminars, laboratories*</i>	
<i>Preparation for the exam/test*</i>	
<i>Gathering materials for the project/Internet query*</i>	
<i>Preparation of multimedia presentation</i>	
<i>Others (please specify e.g. e-learning)*</i>	
<b>TOTAL NUMBER OF HOURS</b>	<b>25</b>
ECTS credits for the course of study	<b>1</b>

*\*delete as appropriate*

**Accepted for execution** (date and legible signatures of the teachers running the course in the given academic year)

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