



MODULE / SYLLABUS
EDUCATION CYCLE 2024-2027

Module/subject name:		HOSPITAL-ACQUIRED INFECTIONS	
Direction:		NURSING	
Level of study*:		I degree (bachelor's degree) Second degree (master's)	
Education Profile:		practical	
Type of study*:		full-time / part-time	
Type of activities*:		mandatory X supplementary <input type="checkbox"/> elective <input type="checkbox"/> .	
Year and semester of study*:		Year of study*: I X II <input type="checkbox"/> III <input type="checkbox"/> .	Semester of study*: 1 X 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/>
Number of ECTS credits assigned		1,5	
Language of instruction:		Polish	
PSW Department Name:		Faculty of Health Sciences	
Contact (tel/email):		tel. 55 279 17 68 e-mail: dziekanat@psw.kwidzyn.edu.pl	
Type of module/course relating to professional preparation*:		<ul style="list-style-type: none"> • basic sciences <input type="checkbox"/> • social sciences and humanities <input type="checkbox"/> • sciences in the fundamentals of nursing care X • specialty care sciences <input type="checkbox"/> 	
Person responsible for the module/subject:			
Person(s) in charge:		According to the study plan	
Forms of student workload		Student workload (number of teaching hours)	
<i>Contact hours with an academic teacher (according to the study plan)</i>			
Lectures (W)		21	
Seminar (S)			
Conversations			
Exercise (C)		9	
Practical classes (ZP)			
BUNA - independent work of the student (according to the study plan).		10	
Student workload related to professional practice (<i>according to the study plan</i>)			
Total student workload - total number of		40	
Number of ECTS credits for the subject/module		1.5, including 0 BUNA	
Didactic methods	<ul style="list-style-type: none"> • informative lecture, • exercises, • Self-study, working with text 		
Assumptions and purpose of the subject	<p>— To familiarize the student with the legal regulations on the control of hospital infections and the legal liability of health care facilities.</p> <p>— Shaping the ability to define the clinical forms of the most common nosocomial infections and to take preventive measures to reduce the risk of infections in selected areas of the hospital for patients and staff.</p>		
Teaching tools	Aseptic practice kits, multimedia presentations and videos demonstrating hygiene procedures and infection control.		
Prerequisites	Fundamentals of biology and microbiology and parasitology as well as basic knowledge of hygiene with epidemiology.		
The matrix of learning outcomes for the module / subject in relation to methods of verification of achievement of the intended learning outcomes and the form of realization of learning activities			
Symbol learning outcome	Students who pass the module (subject) know/understand/are able to:	Methods of verifying the achievement of the intended learning outcomes	The form of implementation of teaching activities * enter symbol
C.W36.	Discusses the concepts of service-associated infections, including hospital-acquired infections, including the sources and reservoir of microorganisms in the out-of-hospital and hospital environment, including the routes of their spread.	<i>Written exam, project or oral response</i>	W/BUNA

C.W37.	Outlines ways to control the spread, prevent and control hospital-acquired infections.	<i>Written exam, project or oral response</i>	W/BUNA
C.W38.	Characterizes the mechanism and management of bloodstream infection, systemic infection, hospital-acquired pneumonia, urinary tract infection and surgical site infection.	<i>Written exam, project or oral response</i>	W/BUNA
C.U48.	Implements standards of practice to prevent hospital-acquired infections.	<i>Written and/or oral colloquium</i>	Ĉ
C.U49.	Uses measures to protect himself, patients and colleagues from infections.	<i>Written and/or oral colloquium</i>	Ĉ
O.K5.	He reaches out to experts when he has difficulty solving a problem on his own.	<i>Self-assessment, observation</i>	W/Ĉ/BUNA
O.K7.	Recognizes and recognizes his own limitations in knowledge, skills and social competence, and makes a self-assessment of deficits and educational needs.	<i>Self-assessment, observation</i>	W/Ĉ/BUNA

*W-lecture; S-seminar; K-conversations; Ĉ-exercises; ZP-practical;
PZ-practical;
BUNA-student independent work.

SAMPLE METHODS FOR VERIFICATION OF LEARNING OUTCOMES

In terms of knowledge (lectures/lectures): oral examination (*non-standardized, standardized, traditional, problem-based*); written examination - the student generates / recognizes the answer (*essay, report; short structured questions /SSQ/; multiple choice test /MCQ/; multiple response test /MRQ/; matching test; T/N test; answer completion test*),

In terms of skills (exercises/conversations): Practical exam; Objective Structured Clinical Examination /OSCE/; Mini-CEX (mini - clinical examination); Completion of an assigned task; Project, presentation.

In terms of social competence: reflective essay; prolonged observation by supervisor/teacher-in-charge; 360° assessment (feedback from teachers, colleagues, patients, other colleagues); Self-assessment (including portfolio)

BUNA - the student's own work is verified through an assessment of the degree of realization of the established learning outcomes: a test to check the student's knowledge of the topics specified in the syllabus, but also through credit work, projects, presentations and any other mid-semester work.

TABLE OF PROGRAM CONTENT

Program content	Number of hours	Relation of learning outcomes to ACTIVITIES
LECTURES, semester I		
1. Examination of the patient admitted to the ward. Bacteriological analysis - current and periodic.	3	C.W36-38., O.K5., O.K7.
2. Disinfection as part of hospital infection prevention.	2	C.W36-38., O.K5., O.K7.
3. Sterilization as part of hospital infection control.	2	C.W36-38., O.K5., O.K7.
4. Characteristics of nosocomial infections of the respiratory system, gastrointestinal system, urinary system, central nervous system.	3	C.W36-38., O.K5., O.K7.
5. Perioperative antibiotic prophylaxis.	3	C.W36-38., O.K5., O.K7.
6. Organization of the cleaning system in health care facilities.	3	C.W36-38., O.K5., O.K7.
7. Principles of collecting material for bacteriological tests.	2	C.W36-38., O.K5., O.K7.
8. Hospital infection control.	3	C.W36-38., O.K5., O.K7.
EXERCISES, semester I		
<ul style="list-style-type: none"> • Epidemiology of nosocomial infections - sources and reservoir of microorganisms in the hospital environment. Routes of spread of infections. Standards of practice. • Apply measures to protect yourself, patients and colleagues from infections. 	9	C.U48.-49., O.K5., O.K7.
BUNA - independent student work, semester I		
<ul style="list-style-type: none"> • Microbial hazards from hospital waste. • Legislation on hospital infection control. • Alert pathogens and their impact on the incidence of infections. 	10	C.W36-38., O.K5., O.K7.

LITERATURE LIST

Primary Literature:

1. Bulanda M., Wójkowska-Mach J., *Hospital infections in health care units*, PZWL, Warsaw 2020.

Supplementary literature:

1. Bzdęga J., Gębska-Kuczerowska A., *Epidemiology in public health*, PZWL, Warsaw 2020.
2. Heczko P. B., Wójkowska-Mach J., *Hospital infections*, PZWL, Warsaw 2015.

Manner of passing and forms and basic evaluation criteria/examination requirements**Method of crediting**

- Exam - lectures
- Passing grade - exercises
- Credit without a grade - BUNA

Forms and criteria for passing**Lecture:**

The basis for obtaining credit is:

- Attendance 100%; confirmed by an entry on the attendance list,
- possible 10% absence balanced in a manner individually agreed with the class instructor,
- Obtaining a passing grade on the exam,
- BUNA credit

Exam:

- takes the form of a written test, multiple-choice test /MCQ/ with one correct answer (each correct answer is 1 point, no answer or incorrect answer 0 points, a minimum of 60% correct answers qualifies for a passing grade.

Grading criteria for the test

Evaluation	Very Good (5.0)	Good plus (4.5)	Good (4.0)	Sufficient plus (3.5)	Sufficient (3.0)	Unsatisfactory (2.0)
% of correct answers	93-100%	85-92%	77-84%	69-76%	60-68%	59% and below

Exercises

The basis for obtaining credit for a grade is:

- Attendance 100%; confirmed by an entry on the attendance list,
- Active participation in exercises (joining the discussion initiated by the lecturer, showing interest in the issues discussed during the exercises,)
- Positive evaluation of the colloquium - a test containing single-choice, multiple-choice and questions to be completed For a complete, correct answer, the student receives 1 point, incorrect or its absence 0 points, a minimum of 60% of correct answers qualifies for a positive grade

BUNA assessment criteria - student independent work - project/oral response.

Evaluation criteria	Evaluation: zal/nzal	
Compliance of the content of the work with the subject of education		
Substantive evaluation of the work		
Evaluation of the selection and use of sources		
Evaluation of the formal side of the work (footnotes, language)		
*(recommendations for work).		
	(evaluation)	(signature)

* if any of the criteria is not met, the work should be corrected according to the lecturer's recommendations.

Conditions for making up classes missed for excused reasons:

Making up missed classes is possible only in the case of a student's illness documented by a medical exemption or other fortuitous reasons. Excuses for classes and credit for the material covered during the period of absence are made by the lecturer conducting the class.

Both a student returning from dean's leave and a student repeating a year are required to attend all classes and take the exam. Only in the case of obtaining a grade of at least satisfactory (3.0) on an exam in a given year, a student repeating a year due to another subject may be exempted from having to attend classes and pass and pass the subject.

Acceptance:
pro-rector for teaching
affairs

