Załącznik nr 5 do zarządzenia nr 189/2025

COURSE SPECIFICATION

Course code: 0912.7.LEK.A.EHS

Course title in Polish: Bezpieczeństwo i higiena pracy z elementami ergonomii
Course title in English: Elements of Health and Safety with elements of ergonomics

1. Placement of the course within the study programme

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's study
1.4. Profile of study	General academic
1.5. Course specification author	Dr Jacek Szkurłat
1.6. Contact	jacek.szkurlat@ujk.edu.pl

2. Generał characteristics of the course

2.1. Language of instruction	English
2.2. Entry requirements	-

3. Detailed characteristics of the course

3.1. Type of classes	Lectures: 5h
3.2. Place of course delivery	Lectures in the teaching rooms of the UJK Collegium Medicum
3.3. Form of assessment	credit
3.4. Teaching methods	Informative lecture
3.5.a. Basic reading list	Legal acts regarding ensuring safe learning conditions at the university.
3.5.b. Supplementary reading list	S. Gillespie, K. Bamford, Medical Microbiology and Infection at a Glance, John Wiley & Sons, London 2012. D. L. Katz, J. G. Elmore, D. M. Wild, S. C. Lican, Jekel's Epidemiology, Biostatistics, Preventive Medicine, and Public Health. Elsevier. Elsevier Health Sciences, Philadelphia 2013.

4. Objectives, content and learning outcomes

4.1. Course objectives (taking into account the form of classes)

- **CO1.** familiarizing students with basic information on the purpose, subject and principles of occupational health and safety and education
- **CO2.** preparation for practical application of safe education principles
- **CO3.** raising awareness of responsible preparation for education and work

4.2. Course content (taking into count the form of classes)

Lectures

1. Basic occupational health and safety regulations
2. Health and safety regulations and rules at universities
3. Tasks of the rector and persons conducting classes in the field of ensuring safe and hygienic conditions for education
4. Principles of safe education, including the use of technical equipment
5. Principles of ergonomics in the organisation of education at the university

6. Burdensome, harmful and dangerous factors related to education
7. Education-related accidents – causes and prevention

4.3. Course learning outcomes

Course learning outcomes (code)	Upon completion of the course, the student	Alignment with programme learning outcomes
in the area of knowledge knows and understands:		
W01	The implications of the human body exposure to chemical and physical factors and prevention principles;	C.W13.
W02	Etiology, pathogenesis, pathophysiology, transmission routes, forms and prevention of iatrogenic infections;	C.W14.
W03	Principles of disinfection, sterilization and aseptic procedures;	C.W17.
W04	The concepts of patient safety and safety culture and their organizational, communication and management aspects.	D.W20.
W05	Principles of management in case of exposure to potentially infectious material;	E.W34.
W06	Legal regulations concerning patient rights and the Patient Ombudsman, as well as important legal regulations in the field of labor law, the basics of practicing as a physician, and the functioning of the medical selfgovernment;	G.W5.
W07	The concept and typology of medical errors, adverse events, their most common causes, consequences, principles of prevention, and expert opinion in such cases;	G.W18.
in the area of skills knows how to:		
U01	Assess harmful ionizing radiation dose on normal as well as diseased body tissues and adhere to the principles of radiation protection;	B.U2.
U02	Use of appropriate personal protective equipment according to the clinical situation;	E.U15.
U03	Explain to healthcare recipients their basic rights and the legal basis for providing these services;	G.U5.
U04	Act in a way that avoids medical errors and ensures the quality of healthcare and patient safety, and critically analyze medical errors and adverse events;	G.U8.
U05	Organize the work environment in a way that ensures the safety of the patient and other people, taking into account the influence of human factors and ergonomic principles;	G.U10.
U06	Use personal protective equipment appropriate to the clinical situation;	H.U24.
in the area of social competences is able to:		
K01	Recognize his/her own limitations and self-evaluate educational deficiencies and needs;	K.S5.
K02	Promote healthy lifestyle;	K.S6.
K03	Use reliable information sources;	K.S7.
K04	Take responsibility for own decisions made during professional activities including own safety and safety of other people.	K.S11.

4.4. Assessment methods for learning outcomes

Assessment method (+/-)

Course learning outcomes (code)	Oral/written/ practical examinaion /other (specify)*	Test on-line*	Project*	In-class activity*	Independent study*	Group work*	Other (Observation)*

Type of classes

1: / 2:	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...	L	C	...
W01-W07				+																	
U01-U06				+																	
K01-K04																			+		

Annotation. 1: form of classes; 2: learning outcomes

4.5. Assessment criteria for learning outcomes

Type of classes:

LECTURE (L) (including classes conducted with the use of distance learning methods and techniques)

Grade	Assessment criteria
credit	From 50% of the points from the final test

5. ECTS credit allocation – student workload

Category	Student workload (full-time mode)	Student workload (part-time mode)
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER (CONTACT HOURS)	**5**	
Participation in lectures*	5	
Participation in seminars/laboratories*		
Other (specify) e.g. classes conducted with the use of distance learning methods and techniques*		
INDEPENDENT STUDY (NON-CONTACT HOURS)	**0**	
Preparation for lectures*		
Preparation for seminars/laboratories*		
Preparation for examination/test*		
Gathering materials for project, online research*		
Preparation of a multimedia presentation*		
Other (specify)*		
TOTAL HOURS	**5**	
ECTS CREDITS for the course	**0**	

*** delete as appropriate**

Approved for implementation (date and legible signatures of course instructors in the given academic year):

……