



Occupational Safety And Health (BHP)

1. IMPRINT	
Academic Year	2024/2025
Department	Faculty of Medicine and Dentistry
Field of study	English Dentistry Division
Main scientific discipline	Medical sciences
Study Profile	General academic
Level of studies	Uniform MSc
Form of studies	Full-time program
Type of module / course	Obligatory
Form of verification of learning outcomes	Completion
Educational Unit / Educational Units	Department of Social Medicine and Public Health ul. Adolfa Pawińskiego 3a, 02-106 Warszawa pok. A 318 tel. (+48 22) 116 63 35 e-mail: msizp@wum.edu.pl Department of Labor Protection and Environment ul. Żwirki i Wigury 81, pok. 60

Head of Educational Unit / Heads of Educational Units	Prof. Aneta Nitsch-Osuch, MD, PhD aneta.nitsch-osuch@wum.edu.pl Marcin Kowalczyk, MSc marcin.kowalczyk@wum.edu.pl
Course coordinator	Prof. Aneta Nitsch-Osuch, MD, PhD aneta.nitsch-osuch@wum.edu.pl
Person responsible for syllabus	Irena Kosińska MSc, PhD, irena.kosinska@wum.edu.pl
Teachers	Irena Kosińska, MSc, PhD, irena.kosinska@wum.edu.pl Sylwia Ziarek Msc, sylwia.ziarek@wum.edu.pl

2. BASIC INFORMATION

Year and semester of studies	1 st year, 1 st semester	Number of ECTS credits	-
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teacher			
Lecture (L)		4	
Seminar (S)			
Practical classes (C)			
e-learning (e-L)			
Unassisted student's work			
Student's preparation for a seminar			
Student's preparation for a class			
Preparation for classes and completions (exam)		4	

3. COURSE OBJECTIVES

O1	The aim of education is to familiarize students with the principles of occupational health and safety and fire safety during their studies at the Medical University of Warsaw, with particular emphasis on the risks associated with practical classes
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4. STANDARDS OF LEARNING – DETAILED DESCRIPTION OF EFFECTS OF LEARNING (concerns fields of study regulated by the Regulation of Minister of Science and Higher Education from 26 of July 2019; does not apply to other fields of study)

<p>Code and number of effect of learning in accordance with standards of learning (in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</p>	<p>Effects in time</p>
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Knowledge – Graduate* knows and understands:

E.W5.	basics of disinfection, sterilisation, and aseptic management;
C.W28.	principles of occupational health and safety in dentistry;
D.W10.	concepts of patient's safety and safety culture and their organisational, communication and management aspects

Skills– Graduate* is able to:

C.U9.	work in a dental office while adhering to the principles of ergonomics;
E.U9.	recognise a life-threatening risk
G.U20.	organise the work environment to ensure the safety of the patient and others, considering the influence of human factors and principles of ergonomics.

* In appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019 „graduate”, not student is mentioned.

5. ADDITIONAL EFFECTS OF LEARNING (non-compulsory)

<p>Number of effect of learning</p>	<p>Effects of learning i time</p>
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Knowledge – Graduate knows and understands:

K1	
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Skills– Graduate is able to:

S1	
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Social Competencies – Graduate is ready for:

SC1	
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6. CLASSES		
Form of class	Class contents	Effects of Learning
Lecture 1 and Lecture 2	<p>Lecture 1 Legal regulations in Occupational Safety and Hygiene (student obligations and right) Potential threats on workplace during the study (physical, chemical, biological, psychosocial factors (including the risk of coronavirus) and protection against them. Post exposure prophylaxis procedure (PEP) tasks entailing exposure to HIV, HBV, HCV; Principles of ergonomomy (health aspects of work on computer, illumination) - basic principles. Occupational diseases of dentists related to the workplace will be presented</p> <p>Lecture 2 Proceedings in case of accident at work and in the event of special risk (fire, failure, a terrorist attack, flood and other). Principles of evacuation from buildings Attention will be paid to the behaviour of students in emergency situations, information will be provided on the location of the assembly point for evacuation Principles to administer first aid (basic principles). Students will receive instructions on what to do in the event of a patient's fainting or unconsciousness</p>	<p>E.W5. C.W28. D.W10. C.U9. E.U9. G.U20.</p>
<p>Attention: Lectures in the form of e-learning, posted on the e-learning platform and made available for a specified period of time (in the winter semester)</p>		

7. LITERATURE
Obligatory
<ol style="list-style-type: none"> 1. Training materials (from lectures) 2. Internet site: www.osha.eu.int, www.who.int 3. Pathology of Environmental an Occupational Disease , Craighead E.J.;, Mosby, 1995 4. Occupational Health. Recognizing and Preventing Work-Related Disease, Levy B.S., Wegman D., H.: 2005
Supplementary
<ol style="list-style-type: none"> 1. Journal of Occupational & Environmental Medicine (selected numbers) 2. www.cdc.gov/niosh, www.ilo.org, www.ciop.pl

8. VERIFYING THE EFFECT OF LEARNING		
Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
<p>E.W5. C.W28. D.W10. C.U9. E.U9. G.U20.</p>	<p>Obligatory participation in e-learning lectures Lecture 1 – Lecture 2</p> <p>Survey solution.</p> <p>Test passing the content presented during the lectures. Obtaining a certificate.</p>	<p>Completion of all e-learning tasks.</p> <p>Completing a questionnaire examining the general state of the Student's knowledge of the principles of hygiene.</p>

	<p>The solution of the survey and test is a condition for obtaining a certificate</p> <p>Attention: The certificate is a document that is downloaded by the student to document the completion of the OHS subject. The student is obliged to send a personally signed Certificate to the e-mail address provided on the platform. It is kept as archival material for the duration of the studies.</p> <p>Details on how to download the "Certificate" and the procedure for sending it to the Department of Social Medicine and Public Health will be provided on the e-learning platform.</p>	<p>Single-choice test (20 questions; duration 10 minutes). Passing threshold: 12 points</p> <p>Final grade:</p> <p>2.0 (failed) - Receiving <12 points of correct answers from the test, absence from the lecture, no completed questionnaire.</p> <p>3.0 (satisfactory) - meeting all the criteria for passing,(test - 12-14points)</p> <p>3.5 (rather good) - meeting all pass criteria, (test - 15-16 points)</p> <p>4.0 (good) - meeting all criteria for passing, (test- 17 points)</p> <p>4.5 (more than good) - meeting all pass criteria, (test: 18 points)</p> <p>5.0 (very good) - meeting all the criteria for passing, (test: 19-20 points)</p>
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9. ADDITIONAL INFORMATION (information essential for the course instructor that are not included in the other part of the course syllabus e.g. if the course is related to scientific research, detailed description of, information about the Science Club)

1. Lectures posted on the e-learning platform present current data on health and safety issues and are necessary to pass the subject.
2. The subject is implemented under the Regulation of the Minister of Science and Higher Education of 30 October 2018 on how to ensure safe and hygienic working and education conditions at the university (Journal of Laws 2018, item 2090). (Pursuant to Article 51 paragraph 2 of the Act of 20 July 2018 - Law on Higher Education and Science (Journal of Laws, item 1668 and 2024))
3. Deadline for completing the subject on the basis of e-learning of the Medical University of Warsaw
4. Person responsible for teaching: dr inż. Irena Kosińska; email: irena.kosinska@wum.edu.pl
5. The SKN Hygiene and Prophylaxis of the Medical University of Warsaw operates at the Department of Social Medicine and Public Health; SKN supervisor - dr inż. Irena Kosińska irena.kosinska@wum.edu.pl (on environmental issues) and MD Anna Jagielska, MD, PhD; email: anna.jagielska@wum.edu.pl (nutrition) and Students Scientific Association of Healthcare Management (contact to a scientific supervisor Dr Magdalena Bogdan: mbogdan@wum.edu.pl). Information about the SSA is available on the Department's website.
6. At the last class of the subject, the final 10 minutes are devoted to the obligatory completion of the Assessment of Classes and Academic Teachers Survey

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ATTENTION

The final 10 minutes of the last classes in a block/semester/year should be devoted to completion by students Surveys of Assessment of Classes and Academic Teachers