



Occupational Safety And Health At Work/Study

1. IMPRINT	
Academic Year	2023/2024
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 Oczki 3, 02-007 Warsaw tel: (+48 22) 621 51 97 tel./fax: (+48 22) 621 52 56

	e-mail: msizp@wum.edu.pl Department of Labor Protection and Environment Oczki 3., str. 02-007 Warsaw
Head of Educational Unit / Heads of Educational Units	Prof. Aneta Nitsch-Osuch, , MD, PhD Marcin Kowalczyk, MSc ; marcin.kowalczyk@wum.edu.pl
Course coordinator (title, First Name, Last Name, contact)	Prof. Aneta Nitsch-Osuch, MD, PhD msizp@wum.edu.pl
Person responsible for syllabus (First name, Last Name and contact for the person to whom any objections concerning syllabus should be reported)	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 <i>(in accordance with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i></p>	<p>Effects in time</p>
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Knowledge – Graduate* knows and understands:

E.W5.	principles of organising rescue operations in catastrophes and breakdowns, rescue phases and the scope of providing aid to the injured
G.W19.	principles of occupational health and safety in dentistry

Skills– Graduate* is able to:

E.U6.	plan the procedure in the case of exposure to blood-borne infections
G.U12.	identify harmful and disruptive factors in the place of work, residence or study
G.U20.	work in accordance with the principles of ergonomic work organization
G.U21.	apply sanitary and epidemiological and occupational health and safety regulations

** 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)*

Number of effect of learning	Effects of learning i time
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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	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;	E.U6.,G.U12., G.U21., G.W19.
Lecture 2	Principles of ergonomy (health aspects of work on computer, illumination) - basic principles. Occupational diseases of dentists related to the workplace will be presented	G.U 20., G.U21.
Lecture 3	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	E.W5., G.U12.
Lecture 4	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	G.U20., E.U6. E.W5.
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)		

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 and 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
E.W5., G.W19., E.U6., G.U12., G.U20., G.U21.	<p>Obligatory participation in e-learning lectures Lecture 1 – Lecture 4.</p> <p>Survey solution.</p> <p>Test passing the content presented during the lectures. Obtaining a certificate.</p> <p>The solution of the survey and test is a condition for obtaining a certificate</p> <p>Attention:</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>Single-choice test (20 questions; duration 10 minutes). Passing threshold: 12 points</p> <p>Final grade:</p>

	<p>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>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 then 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 Dr. 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.

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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