



Forensic Medicine

1. IMPRINT	
Academic Year	2022/2023
Department	Faculty of Dental Medicine
Field of study	English Dentistry Division
Main scientific discipline <i>(in accord with appendix to the Regulation of Minister of Science and Higher education from 26th of July 2019)</i>	Medical sciences
Study Profile <i>(general academic / practical)</i>	General academic
Level of studies <i>(1st level / 2nd level / uniform MSc)</i>	Uniform MSc
Form of studies	Stationary
Type of module / course <i>(obligatory / non-compulsory)</i>	Obligatory
Form of verification of learning outcomes <i>(exam / completion)</i>	Completion
Educational Unit / Educational Units <i>(and address / addresses of unit / units)</i>	Chair and Department of Forensic Medicine, Oczki 1 St., Warsaw 02-007, Poland phone 22 628-89-75 fax 22 628-89-75 ext. 33 www.medycynasadowa.wum.edu.pl

Head of Educational Unit / Heads of Educational Units	prof. Paweł Krajewski, MD, PhD
Course coordinator (title, First Name, Last Name, contact)	prof. Paweł Krajewski, MD., PhD; pawel.krajewski@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)	Mieszko Olczak, MD., PhD; mieszko.olczak@wum.edu.pl
Teachers	Marcin Fudalej MD., PhD; marcin.fudalej@wum.edu.pl Agnieszka Dąbkowska, MD., PhD; agnieszka.dabkowska@wum.edu.pl Mieszko Olczak, MD., PhD; mieszko.olczak@wum.edu.pl

2. BASIC INFORMATION			
Year and semester of studies	IV year, VIII semester	Number of ECTS credits	1
FORMS OF CLASSES		Number of hours	ECTS credits calculation
Contacting hours with academic teacher			
Lecture (L)			
Seminar (S)	9		0,36
Discussions (D)			
e-learning (e-L)			
Practical classes (PC)	6		0,24
Work placement (WP)			
Unassisted student's work			
Preparation for classes and completions	10		0,4

3. COURSE OBJECTIVES	
O1	Adaptation of medical and dental knowledge for the purposes of law
O2	The use of a dental examination for medico-legal assessment of cranio-facial injuries
O3	Human identification based on dentition

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:

G.W33.	rules for dealing with the postmortem
G.W35.	issues related to serology and forensic genetics
G.W36.	basics of forensic toxicology
G. W37.	rules for drawing up opinions as an expert in criminal cases

Skills– Graduate* is able to:

G.U28.	assess postmortem changes
G.U29.	identifies the human body on the basis of a dental examination
G.U30.	assess the effects of facial and skull injuries and qualify them in criminal and civil proceedings

* 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
Seminars	S1-Seminar 1: Medico-legal thanatology; Educational contents: post-mortem changes, procedures applied to bodies found at the crime scene, human identification based on dental data	G.W33., G.U28., G.U29.
	S2-Seminar 2: The basics of forensic toxicology and forensic genetics; Educational contents: indications for forensic toxicology evaluation, methods of tissue/sample collection, types of samples used for toxicology and DNA testing, research methods in forensic laboratories and analysis of the results	G.W35., G.W36.
	S3-Seminar 3: Head and cranio-facial injuries, and their forensic implications; Educational contents: how to recognize cranio-facial injuries in cadavers, dental malpractice	G.W37., G.U30.
Practical classes	C1-Practical Class 1- Medico-legal examination (autopsy) of the dead - Educational contents: dental examination, documentation of injuries, recognizing of early and late post-mortem changes	G.U28., G.U29., G.U30.
	C2-Practical Class 2 - Autopsy of unidentified corpse /or case of traumatic death - Educational contents: dental record comparison, assessment of external and/or internal fatal injuries	G.U28., G.U29., G.U30.

7. LITERATURE
Obligatory
Simpson's Forensic Medicine R. Shephard, Arnold 2003
Supplementary
Encyclopedia of Forensic Sciences J.A.Siegel, P.J. Saukko, 2013 Academic Press Forensic Analysis of the Skull M.Y.Iskan, R.P. Helmer, Wiley-Liss

8. VERIFYING THE EFFECT OF LEARNING		
Code of the course effect of learning	Ways of verifying the effect of learning	Completion criterion
G.W33., G.W35., G.W36., G.W37., G.U28., G.U29., G.U30.	Continuous assessment in the classroom – on seminars, and practical classes	Active participation in the class, 100% attendance (a maximum one day absence during the course could be accepted, however absence on the seminar must be covered by writing an essay covering the topic of a seminar, and absence on autopsy (practical class) – by assisting in additional autopsy after regular teaching hours
		Assessment: 2.0 (failed) - More than one absence during classes, no

		<p>active participation in seminar classes or classes, lack of basic knowledge in the field of thanatology, opinions and toxicological and genetic diagnostics in forensic medicine</p> <p>3.0 (satisf.) - The condition of completing the course is attendance at all classes, participation in exercises and seminars and demonstrating skills in the medical and forensic issues covered by the curriculum at the basic level</p> <p>3.5 (more than satisf.) - The condition for obtaining the grade is attendance at all classes, participation in exercises and seminars, and demonstrating skills in medical and forensic issues covered by the curriculum at a level above elementary</p> <p>4.0 (good) - Active participation in exercises and seminars and demonstrating the skills of practical application of dental knowledge in forensic and medical opinions</p> <p>4.5 (more than good) - Active participation in exercises and seminars as well as skills in the practical application of dental knowledge in forensic medical opinions in high level</p> <p>5.0 (very good) - Active participation in exercises and seminars and demonstrating the skills of practical application of dental knowledge in forensic and medical opinion in very high level</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. All classes are held in Forensic Medicine Department facility at Oczki 1 St., Warsaw.
2. The use of mobile phones or other recording devices during forensic class **is strictly prohibited**.
3. A student can miss maximum one day of the course, however absence on the seminar must be covered by writing an essay covering the topic of a seminar, and absence on autopsy (practical class) – by assisting in additional autopsy after regular teaching hours. Students can get credit only after completing all Department's requirements. If student's absences exceed limitations listed above, he/she is required to take a complete course with another group.
4. White coat and protective glasses are required for practical classes

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