



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: Forensic Medicine with Law	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medicine
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	<i>Year IV, semester VII, VIII</i>
ECTS credits (incl. semester breakdown)	4
Type/s of training	<i>seminars (20h)/ practical (30h)</i>
Form of assessment*	<input type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input checked="" type="checkbox"/> final examination <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	<i>Prof. hab. n. med. Mirosław Parafiniuk</i>
Tutor responsible for the module	dr Joanna Dowejko, joanna.dowejko@pum.edu.pl
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Language	English

* replace into where applicable

Detailed information

Module objectives		After completing the module, the student should acquire elementary knowledge in the field of forensic medicine and elements of forensics. The subject program includes the following thematic blocks: - forensic toxicology - forensic medicine with medico-legal issues - forensic genetics
Prerequisite /essential requirements	Knowledge	<i>Competences at the level of biological sciences and medicine. Basic knowledge in the field of medicine, genetics and toxicology.</i>
	Skills	
	Competences	<i>Responsibility for the undertaken tasks, ability to work in a group</i>

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	basic legal regulations regarding the organization and financing of the health care system, universal health insurance and the principles of organization of medical entities,	K_G.W6	SL,O,S,EP
W02	the legal obligations of a physician regarding announcing death;	K_G.W7	
W03	legal regulations and basic methods regarding the medical experiment and conducting other medical research, including basic methods of data analysis;	K_G.W8	
W04	legal regulations concerning transplants, artificial procreation, termination of pregnancy, aesthetic procedures, palliative treatment, mental diseases;	K_G.W9	
W05	basic regulations regarding pharmaceutical law;	K_G.W10	
W06	knows the regulations of pharmaceutical law	K_G.W11	
W07	the concept of sudden death and the differences between trauma and injury;	K_G.W12	
W08	legal bases and rules of conduct for the doctor during the examination of the body at the place of its disclosure and the forensic medical examination of the body	K_G.W13	

W09	Forensic opinion principles in cases of pedicide and road accident scene reconstruction.	K_G.W14	SL,O,S,EP
W10	Rules of forensic opinion preparation	K_G.W15	
W11	Principles of forensic and medical opinions regarding the ability to participate in procedural activities, biological effect and health impairment	K_G.W16	
W12	Conception of medical error, most common causes of medical error and principles of making assessments following a medical error.	K_G.W17	
W13	Principles of material sampling for hemogenetic and toxicological examination	K_G.W18	
U01	Describing the demographics and assessing the health problems of a population	K_G.U1	
U02	Writing medical certificates for the patients, their families and other entities	K_G.U6	
U03	Identifying symptoms of possible domestic violence during examinations of children	K_G.U7	
U04	Drawing blood for toxicological tests and securing the homogeneity examination material samples	K_G.U9	

Table presenting LEARNING OUTCOMES in relation to the form of classes

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical	Clinical classes	Simulations	E-learning	Other...
W01	K_G.W6		X					
W02	K_G.W7		X					
W03	K_G.W8		X					
W04	K_G.W9		X	X				
W05	K_G.W10		X					
W06	K_G.W11		X					
W07	K_G.W12		X					
W08	K_G.W13		X					
W09	K_G.W14		X	X				
W10	K_G.W15		X	X				
W11	K_G.W16		X	X				
W12	K_G.W17		X	X				
W13	K_G.W18		X	X				
U01	K_G.U1		X					
U02	K_G.U6		X					

U03	K_G.U7		X				
U04	K_G.U9		X	X			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Winter semester			
Seminars			
TK01	Introduction to forensics, Forensic ethology and Cranial injuries	2	K_G.W6,K_G.W7,K_G.W8,K_G.W9,K_G.W10,K_G.W11, K_G.W12,K_G.W13,K_G.W14,K_G.W15 ,K_G.W16,K_G.W17,K_G.W18,K_G.U1, K_G.U6K_G.U7, K_G.U9
TK02	Thanatology - the study of death and its causes	2	
TK03	Forensic Law, Basic legal aspects of health care	2	
TK04	Forensic toxicology	2	
TK05	General aspects of trauma	2	
TK06	Infanticide	2	
TK07	Sexual and sex-related crimes	2	
TK08	Forensic autopsy and the natural death	2	
TK09	Firearm injuries	2	
TK10	Traffic accidents	2	
Practical classes			
TK01	Forensic Law	4	K_G.W6,K_G.W7,K_G.W8,K_G.W9,K_G.W10,K_G.W11, K_G.W12,K_G.W13,K_G.W14,K_G.W15 ,K_G.W16,K_G.W17,K_G.W18,K_G.U1, K_G.U6K_G.U7, K_G.U9
TK02	Forensic autopsy	4	
TK03	Forensic anthropology	4	
TK04	Living person examination	4	
TK05	Crime scene and trace evidence examination	4	
TK06	Histopathology	4	
TK07	Human identification – DNA analysis.	4	
TK08	Forensic toxicology	2	

Booklist
Obligatory literature:
1. John M. Butler: Advanced Topics in Forensic DNA Typing: Interpretation 2010
2. John M. Butler: Fundamentals of Forensic DNA Typing 2009
3. Richard Shepherd: Simpson's Forensic Medicine 2003
4. Burkhard Madea: Handbook of Forensic Medicine 2014
Supplementary literature:
1 . Robert B. Pickering, David Bachman, The Use of Forensic Anthropology 2009
2. John S. Buckleton, Forensic DNA Evidence Interpretation, 2005
3. Anthony Busuttill, Paediatric Forensic Medicine and Pathology, 2008