

المركز الوطني لضمان جودة واعتماد
المؤسسات التعليمية والتدريبية



المتطلبات الأكاديمية للمقرر الدراسي

اسم المؤسسة التعليمية: Faculty of Medicine ElMarj

اسم البرنامج التعليمي: Bachelor of Medicine and Surgery (MBBS)

اسم المقرر: الطب الشرعي و السموم

رمز المقرر: 1412

العام الدراسي 4th year

المتطلبات الأكاديمية للمقرر الدراسي

١. معلومات عامة:

Forensic Medicine and Clinical Toxicology	اسم المقرر الدراسي	١
Dr. Awatif Shamata	منسق المقرر	٢
Forensic Medicine and Clinical Toxicology	القسم / الشعبة التي تقدم البرنامج	٣
II	الأقسام العلمية ذات العلاقة بالبرنامج	٤
84 hrs	الساعات الدراسية للمقرر	٥
English	اللغة المستخدمة في العملية التعليمية	٦
4 th year	السنة الدراسية/ الفصل الدراسي	٧
مجلس الكلية - 2024	تاريخ وجهة اعتماد المقرر	٨

١,١ عدد الساعات الأسبوعية:

محاضرات 64 معامل ٢٠ تدريب ☐ المجموع ٨١

٢- أهداف المقرر:

1. To create the awareness and orientation among the prospective doctor with the legal issues interlacing the medical practice in different situations.
2. To orient the prospective doctor with the medical aspects of the criminal behavior and judicial procedures.
3. To provide the prospective doctor with basic physiology and pathophysiology of death.
4. To equip the prospective doctor with essential knowledge and skills in dealing with poisonous.
5. To make the prospective doctor aware of the ethic of the medical practice including medico legal aspects and respect of death.
6. To improve the communication skills of the prospective doctor in the team work and self-learning.
7. To Enable the prospective doctor to acquire and maintain abilities necessary for self-learning and lifelong learning.

٣-مخرجات التعلم المستهدفة:
أ.المعرفة والفهم.

A.1.Describe medicolegal aspects of death, postmortem changes and different types of identification.	1أ
A.2.Detail different types of kinetic and non-kinetic injuries and their medicolegal aspects.	2أ
A.3.Recognize sexual offencesand their ruling in Libyan law, and medicolegal aspects of pregnancy, delivery and abortion.	3أ
A.4.Clarify common injuries of a physical child abuse, and the possible causes of the infant death.	4أ
A.4.Discuss skull fracture patterns, and to judge general practitioner responsibility towards each type of head injuryand how to avoid complication.	5أ
A.5.Define different types of violent asphyxia, and death under anaesthesia.	6أ
A.6.Discuss medical ethics and malpractice.	7أ
A.7.Describe common toxic substances and drugs regrading toxic dose, clinical pictures, investigation and treatment.	8أ
A.8. Recognize Postmortem examination and investigation, and traditional and recent documentation forensic methods.	9أ

ب-المهارات الذهنية:

B.1.Appraise a problem in given X-ray or skeletal remains or mutilated body.	1ب
B.2.Diagnose the type of the wound in overlapping injuries.	2ب
B.3.Analyse a medicolegal problem using blood group and DNA typing.	3ب
B.4.Compare injuries with causative instrument, and to estimate the direction of inflection and the time of impaction.	4ب
B.5.Differentiate between traumatic and pathological brain injuries and meningeal injuries.	5ب
B.6.Differentiate between antemortem and postmortem injuries.	6ب
B.7.Distinguish between pathological and accidental causes of infanticide.	
B.8.Estimate time passed since death and cause of death from postmortem changes.	

ج-المهارات العلمية والمهنية:

C.1.Perform external examination and autopsy, and to collect required post-mortem samples.	1ج
C.2.Demonstrate the biological profile of unknown body.	2ج
C.3.Write a primary medicolegal report of different types of injuries, and a proper death certificate in the natural death.	3ج
C.4. Diagnose different cases of natural and unnatural sexual offences, and criminal abortion.	4ج
C.5.Examine cases of pregnancy and delivery from medico-legal point of view.	5ج
C.6.Interpret the physical child abuse and differentiate the fatal child abuse and common murder.	6ج
C.7.Consider infanticide after confirming that he was live born infant and then estimate survival time, the manner of the death and the cause of death.	7ج
C.8.Investigate different types of violent asphyxia and determine the cause of death in these cases.	8ج
C.9. Manage patients with different type of common poisons	9ج

د-المهارات العامة:

D.1.Practice self-learning and evaluation.	1د
D.2.Work effectively within a team.	2د
D.3.Participate in problem solving.	3د
D.4.Obtain informed consent from patients.	4د
D.5.Consider a doctor duty to patients and colleagues.	5د
D.6. Adhere to legal and ethical frame of medical practice.	6د

4-محتوى المقرر:

Week	Topic	Total hours	Lectures	Practical
1	Death Post-mortem changes	7	4	3
2	Identification General toxicology	7	6	1
3	Volatile poisons and noxious gases	7	6	1

4	Wounds (Kinetic injury) Injury due to physical agents (non-kinetic injury)	7	4	3
5	Plant poisoning + animal poisoning	7	6	1
6	Firearm & explosive injuries Metallic irritant poisoning	7	6	1
7	Regional injuries Corrosive	7	3	4
8	Asphyxia Road traffic accident + Medical ethics	7	6	1
9	Pesticide + Food poisoning Analgesic & antipyretics + Sedative hypnotics	7	6	1
10	Child abuse + Infanticide + SIDS M.L.I of Pregnancy, delivery & abortion + Sexual offences	7	6	1
11	Postmortem examination & investigation Forensic documentation methods	7	4	3
12	Medical ethics and liability	7	7	0
	Total	84	64	20

5- طرق التعليم والتعلم:

١. الدروس النظرية (المحاضرات).
٢. الدروس العملية.
٣. حلقات النقاش (Tutorials)
٤. محاضرات الكترونية.
٥. Team Based Learning (TBL).
٦. Flipped classroom.
٧. Problem based learning (PBL).

6- طرق التقييم:

Evaluation method	Evaluation date	Percentage	Feedback
Mid-term examination (paper)	At the end of the rotation	30%	30
Final examination:	At the end of year:	60%	70
	Written examination	40%	40
	Oral examination	10%	10
	Practical examination	10%	10
Activities and attendance		10%	10
Total		100%	100

7- المراجع والدوريات:

References Title	Publisher	Release	Author	Where to find it
Assessed notes	//	//	//	Teacher
Simpson's Forensic Medicine	London: CRP Press.	12 th edition.	Richard Jones and Steven B Karch.	Web siteand Library.
Principles of clinical toxicology	CRC Press Taylor and Francis group.	3 rd edition.	Thomas A. Gossel and J. Douglas Bricker.	Web siteand Library.

8- الإمكانيات المطلوبة لتنفيذ المقرر:

ملاحظات	الإمكانيات المطلوب توفرها	ت
	القاعات الدراسية المجهزة	
	Forensic medicine museum.	1
	مراجع طبية (مكتبة)	2
	أجهزة حاسوب + توفير إنترنت	3
	Small interactive class rooms for interactive teaching.	4

منسق المقرر.... د عواطف شماطة..... التوقيع

منسق البرنامج..... د وائل اسماعيل..... التوقيع

التاريخ...../...../.....م

مصفوفة المقرر الدراسي (الطب الشرعي)

Week	Knowledge and comprehension									Intellectual skills							
	A1	A2	A3	A4	A5	A6	A7	A8	A9	B1	B2	B3	B4	B5	B6	B7	B8
1	X							X							X		X
2	X									X		X					
3							X										
4		X									X		X				
5							X										
6		X															
7							X										
8		X			X								X				
9							X										
10			X	X										X		X	
11							X	X									
12						X			X								