



Ministry of Higher Education and Scientific Research
University of Warith Al-Anbiyaa
College of Medicine
Department of Pathology and Forensic Medicine
Academic Year 2024-2025

Academic Program and Course Description Guide

Course Description Form

1. Course Name:
Forensic Pathology
2. Course Code:
3. Semester / Year:
2024-2025
4. Description Preparation Date:
July 2024
5. Available Attendance Forms:
Attendance
6. Number of Credit Hours (Total) / Number of Units (Total)
60 hours (theory)+60 hours (practical) (6 units)
7. Course administrator's name (mention all, if more than one name)
Names: 1.Lectuerer Dr. Sura Ghassan Abdul-Ameer Email: sura.ga@UOWA.edu.iq 2.Lecturer Dr. Ali Rahim Handhal
8. Course Objectives
Course Objectives 1. Teaching the students the basic principles of Forensic pathology/Medicine 2. Teaching the students the legal ways for dealing with situations of violence, normal events and poisonings accidents 3. Providing the students the necessary skills of study, careful examination and ways of linking signs with causes of death
9. Teaching and Learning Strategies
1. Theoretical lectures 2. Practical training
10. Course Structure
Week

1 st semester	Subject	Main Objectives
Week 1	Forensic Medicine	<ol style="list-style-type: none"> 1. Introduction and brief history 2. Forensic systems used in Iraq and the world 3. The forensic doctor and the forensic medical conditions 4. The forensic doctor, death diagnosis, cadaver examination, and the possible signs for death
Week2	The chemical changes of cadaver	<ol style="list-style-type: none"> 1. Determining time of death (Primary laxity, body coldness, blood regression, and mortal silence) 2. Determining time of death/continued
Week 3	Late signs of death	<ol style="list-style-type: none"> 1. Secondary laxity 2. Decay 3. Saponification 4. Mumification
Week 4	Wounds	<ol style="list-style-type: none"> 1. Introduction, wounds classification, and influencing factors 2. Bruises (Abrasions and bruises) 3. Importance of forensic medicine 4. Bruising and cutting wounds 5. Puncturing and sharp wounds
Week 5	Fire gun wounds	<ol style="list-style-type: none"> 1. Introduction, gun (weapon) and equipment types 2. General features of the wounds 3. Launch distances and direction 4. Setting how (Accidental, suicidal, criminal and contrived) 5. Injuries of explosions
Week 6	Wounds of transport accidents	<ol style="list-style-type: none"> 1. Sable's injuries 2. Driver's injuries 3. Heavy vehicles' injuries
Week 7	Specific body parts injuries	<ol style="list-style-type: none"> 1. Head injuries 2. Neck injuries 3. Chest and abdomen injuries
Week 8	High atmosphere, low atmosphere and electricity injuries	<ol style="list-style-type: none"> 1. Introduction and classification 2. Injuries of high and low atmosphere 3. Atmospheric shock
Week 9	High atmosphere injuries (continued)	<ol style="list-style-type: none"> 1. Fire and scalding burns 2. Electrical and chemical burns
Week 10	Suffocation	<ol style="list-style-type: none"> 1. Introduction and classification 2. Airways obstruction from outside 3. Suffocation (continued) 4. External pressure on the neck 5. External pressure on the chest and abdomen
Week 11	Drowning	<ol style="list-style-type: none"> 1. Drowning in fresh water, drowning in salt water and drowning in sewage water 2. Water immersion signs and the diagnostic signs 3. Causes of death
Week12	The sudden death	<ol style="list-style-type: none"> 1. Introduction, classification and goals 2. Sudden death (continued)

		3. Causes of death according to body systems
Week 13	The sudden death (continued)	Sudden death under general anesthesia and surgical operations
Week 14	Pediatric forensic medicine	1. Deaths of fetuses and newborns 2. Cradle death syndrome 3. Abused child syndrome
Week 15	Review	
Mid-year exam		
2 nd semester		
Week 16	Sexual crimes	1. Introduction 2. Required cases to be referred 3. Anatomy & physiology of genital organs 4. General features of hymen membrane 5. Clinical signs of hymen perforation
Week 17	Sexual rape	1. Homosexuality 2. Gestation, abortion and partition
Week 18	Impotence, infertility and fatherhood approval	
Week 19	DNA	
Week 20	Identity recognition of the dead and the living	
Week 21	Blood spots, sperm spots and hair	
Week 22	Forensic toxins	1. Introduction 2. Ways of taking samples 3. Influencing factors 4. Classification 5. Corrosive toxins 6. Acids and bases
Week 23	Irritant, metal and inhaled toxins	
Week 24	Alcohols, gases and inhaled petroleum products	
Week 25	Narcotics and non-narcotics substances	
Week 26	Professional conduct	1. The medical part 2. The basic principles for medical practice 3. Responsibility of specialty 4. Duties of fellowship 5. The medical secret 6. Duties of doctor towards his career 7. The medical clinic

		8. Doctor's position toward a medical mistake
Week 27	The medical jurisprudence	1.The concept of medical jurisprudence and its goals 2. The jurisprudential rulings related to patients, treatment and legal rights
Week 28	Revision	
Week29	The monthly exam.	
Week 30	Revision	

11.Course Evaluation

The total mark (100%) will be distributed according to the responsibilities and duties of the student like: daily attendance, daily quizzes, monthly exams, oral and written exams, reports, etc.....

12.Learning and Teaching Resources

Required Texts: The forensic medicine and medical career ethics, by: Dhiyah Noori Hassan, 1981.

Recommended books and references

Electronic References, Websites