

# Curriculum



## Diploma in Forensic Medicine (DFM)

**Bangabandhu Sheikh Mujib Medical University  
Shahbagh, Dhaka.**



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**1. Name of the Course : Diploma in Forensic Medicine (DFM)**

**2. Duration of Course : 2 (two) years**

**3. Date of Commencement : July of each year**

**4. Aims and Objectives : To produce forensic specialists competent enough to serve the community.**

**5. Eligibility for admission:**

a. MBBS or its equivalent degree recognized by BMDC.

b. Minimum 2 (two) years after passing MBBS or its equivalent degree recognized by BMDC.

**6. Course contents:**

**Paper-1:** Group - A :

1. The history of Medical Jurisprudence.
2. Recent advances in Forensic Medicine.
3. The Medico legal practice in Bangladesh, in Asiatic countries and in western countries.
4. Fundamentals of criminal procedure codes, Evidence act and Penal codes

5. Medical Ethics and legal requirements covering medical practices including Bangladesh Medical and Dental Council's jurisdictions and functions.
6. Medico-legal examination of the Living and the Dead and related matters e.g.
  - (a) Injuries of different nature,
  - (b) Criteria of death, estimation of time of death.
  - (c) Medico-legal autopsy.
  - (d) The pathology of sudden natural death, industrial and other occupational injuries & death.
  - (e) Medical, surgical and anaesthetic mishaps

**Paper-1: Group - B:**

1. Health and safety at work- protection of children and young persons.
2. Human organ tissue transplantation.
3. General Medico-legal investigations- pathological, Serological, Toxicological etc.
4. Investigation of the scene of the crime.

5. Identity of the living and dead.
6. Offences against the person–Hurt, Wounds, Firearms wounds, Accidents, Suicides, Homicides etc.

**Paper- 2: Group - A:**

1. Asphyxia.
2. Forensic Pathology, Forensic Deontology & Forensic Anthropology.
3. Sexual crimes and related aspects,
4. Forensic Psychiatry and Psycho sexual disorders
5. Forensic Ballistics, Blast injuries.
6. Sports Medicine.

**Paper- 2: Group- B:**

1. Fundamentals of lunacy acts, workmen's Compensation act, Factory Act, Health legislation.
2. Tortures, Human rights and doctors.

3. Pregnancy, Delivery and Abortion and its medico-legal aspects.
4. Infanticide and foeticide, SIDS and Cot death. Battered child
5. Examination of blood stains, Seminal Stains, Hairs & other trace evidences.

**Paper-3:** Group- A:

1. Toxicology and drug abuse.
2. Euthanasia / Mercy Killing & Medico-legal aspects.
3. Artificial Insemination – Broad outline – Legal aspects.
4. Test tube baby, Surrogate mother– Medico-legal aspects.
5. Any other recent advances in Forensic Medicine & allied sciences develop during the course of study.
6. DNA Profiling.

**Paper-3: Group- B:**

1. Artifacts.
2. The Pathology of wounds
3. Deaths in custody
4. Neglect, Starvation and hypothermia.
5. Burns and scalds.
6. Electrical fatalities
7. Social, Medical, Legal and Ethical problems with AIDS

**7. Training Rotation:**

- Department of Forensic Medicine ( One & half year)
- Department of Pathology , Microbiology & Biochemistry (Two month)
- National Forensic DNA Profiling Laboratory ( One month)
- Department of Radiology & Imaging ( One month)
- Casualty department/Emergency department (15 days)



- Chief Chemical examiner's office, CID Bangladesh Police. ( 15 days)
- Forensic Lab CID Bangladesh Police ( 15 days)
- One stop crisis center (OCC) 15 days

## **8. Summative Examination:**

- 8.1. Summative or exit examination will be held at the end of the course & then January & July of each year, the date determined by the university.
- 8.2. There will be three papers in written examination
- 8.3. Written question: In each paper there will be four questions. Two of them will be Long essay type and two will of SAQ, five in each question.
- 8.4. Clinical - Practical: There will be one long case and minimum three short cases. In long case 30 minutes will be for postmortem examination and 15 minutes for crossing by

two examiners. Fifteen minutes will be allotted for short cases. Two examiners will assess the candidate in long case. Two examiners will assess short cases of opposite group of students. In practical there will be 10 OSCE station.

- 8.5. Oral: There will be two boards. In each board there will be two examiners. Fifteen minutes for each board equally divided into two examiners. There will be 4 examiners, Associated professor and above. 50 % of the examiners will be external.
- 8.6. To pass, the candidate have to secure at least 60% marks in each of three components of written (three paper combindly), clinical –practical and oral examination.

<b>Components of examination</b>	<b>Paper</b>	<b>Marks allotted</b>	<b>Time</b>	<b>Pass marks</b>
a. Written	Paper- I	100	3 hours	
	Paper- II	100	3 hours	
	Paper- III	100	3 hours	
	<b>Total</b>	<b>300</b>		<b>180</b>
b. Clinical & practical	Clinical	100		120
	OSPE	100		
C. Oral		100		60
<b>Total</b>		<b>600</b>		<b>360</b>

## **9. Formative assessment:**

There will be formative assessment at the end of each six months of training by the supervisor/ department or by the institute. Three satisfactory certificates along with others will be pre-requisite for appearing in the final exit examination. The last six month will end with summative examination.

**10. Writing case note/ operational note  
(case book)**

- (a) Each student must have done at least 150 post-mortem examination up to the satisfaction of the Head of the department of Forensic Medicine of the College where he/she has undergoing the course and must prepare post-mortem report.
- (b) A case book has to be prepared duly certified by the Head of the department consisting of 10 autopsies.
- (c) Must prepare a case book of at least 05 clinical cases eg. Injuries, poisoning etc. of those who were admitted in the Medical College Hospital or attended the emergency/casualty department/ outdoor department of the hospital of a Medical College

**11. Eligibility for appearing in the final examination:**

- Two-year in-course training
- 3 (three) satisfactory 6-monthly report of formative assessment.
- 75% or more attendance in lecture and demonstrations.
- Satisfactory completion of log-book.
- Satisfactory completion of case -book



### **Diploma trainee's Block progress report**

Name of the trainee : Session :

Name of the course : Reg. No:

Name of the institute :

Period of block :

<b>Performance</b>	<b>Poor</b>	<b>Satisfactory</b>	<b>Good</b>	<b>Excellent</b>
Written*				
Clinical- Practical*				
Oral*				
Attendance*				
Attitude				

\* Poor: <50%, Satisfactory: ≥50-60%, Good: >60-75%, Excellent : >75%

**Note:** "Poor" grade in more than two performance during a particular block means deficient training and also cause disqualification for appearing in the final examination unless training in particular block is complete.

Signature: .....  
Head of the Department  
(Seal)