

*Quality with
Morality*



**COURSE
GUIDE
PHASE-II**

SESSION 2023-2024
BATCH : 10th MBBS



**CHATTAGRAM INTERNATIONAL
MEDICAL COLLEGE (CIMC)**

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PREFACE

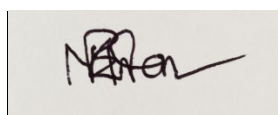
I am delighted to welcome 10th batch MBBS students to 3rd year (phase-II). CIMC is one of the emerging medical colleges in private sector in Bangladesh. Our mission is to achieve excellence in medical education, research and health care to the benefit of our community blended with morality.

In this phase you will be learning some of the most profound knowledge the human race has been able to discover and contribute to an ever-evolving field dedicated to helping humanity.

When the difficulty comes, remember you are here because you are worthy, because someone entrusted that one day you will be capable of taking care of the world that walks through your front door. You will internalize the Hippocratic oath we all take - do no harm. You will be caring, kind, empathetic to those who are going through the worst days of their lives and you will do so by carrying burdens on your shoulder only a few in the world are permitted to carry. You will do so with knowledge with grace with humility.

I hope you will seize every opportunity to broaden your intellectual horizons, develop a greater sense of social responsibility and achieve a balanced development in the moral, intellectual, physical, social and aesthetic aspects of your life.

With best wishes.



Dr. Sheikh Mohammad Erfan

Assistant Professor

Department of Forensic Medicine, CIMC

Phase II Coordinator

SL.	Contents	Page
1	Basic information about MBBS course	1
2	Introduction to Phase II	2-3
3	Class Routine	4
4	Allocation of teaching hours	5
5	Yearly planning	6
6	Integrated Teaching And Generic Topics	7
6	Department of Forensic Medicine	8-10
7	Department of Pharmacology	11-13
8	Department of Pathology	14
9	Department of Microbiology	15
10	Student Mentoring Program (SMP)	16

Basic Information About MBBS Course	
Name of the course:	Bachelor of Medicine & Bachelor of Surgery (MBBS)
Duration:	MBBS course comprises of 5 Years, followed by logbook based rotatory internship for one year
Course structure and duration:-	The MBBS course is divided into four phases

Phase	Duration	Subjects	Professional Examinations
1st Phase	1½ year	<ul style="list-style-type: none"> • Anatomy • Physiology • Biochemistry 	First Professional MBBS
2nd Phase	1 year	<ul style="list-style-type: none"> • Pharmacology & Therapeutics • Forensic Medicine 	Second Professional MBBS
3rd Phase	1 year	<ul style="list-style-type: none"> • Pathology • Microbiology • Community Medicine 	Third Professional MBBS
4th Phase	1½ year	<ul style="list-style-type: none"> • Medicine & Allied subjects • Surgery & Allied subjects • Obstetrics and Gynecology 	Final Professional MBBS

Special note: After taking admission into the first year of MBBS course, a student must complete the whole MBBS course (pass the final professional MBBS examination) within 12 years timeline.

Introduction to Phase II

- **Subjects of Phase II**

1. Pharmacology & Therapeutics
2. Forensic Medicine & Toxicology
3. General Pathology only for teaching learning & formative assessment
4. General Microbiology only for teaching learning & formative assessment

- **Generic Topics on Medical Humanities in phase II (05 hrs)**

1. Communication skill
2. Doctor patient relationship (DPR)
3. Physicians bedside manner,etiquette and rapport building with patients

- **Integrated Teaching topics in phase II (17 hrs)**

1. Electrocution and lightening
2. Burn
3. Drowning
4. Death
5. Poisoning
6. Substance abuse
7. Pulmonary Tuberculosis
8. Malaria

Academic Coordinator

Professor Dr. Md. Muslim Uddin

Vice Principal

Chattagram International Medical College

Phase II Coordinator

Dr. Sheikh Md. Erfan

Assistant Professor

Department of Forensic Medicine

Subject Coordinator

Forensic Medicine: Dr. Muhammad Redwanur Rahman, Associate professor and Head

Pharmacology: Dr. Fatiha Tasmin Jeenia, Associate professor

Student Representative

1.

2.

Extra-Curricular Affairs Division (ECAD)

Dr. Sheikh Md. Erfan, In-charge

Assistant Professor of Forensic Medicine

Md. Raquibul Hakim

Administrative Officer

Class Routine

Day	8-9 am	9-10 am	10-11 am	11-11.30 am	11.30 am-12.30 pm	12.30 pm- 2.30 pm	5-7pm
Sat	Pharma Lecture	Ward		Tea Break	Surgery /Allied Lecture	Pharma Tutorial	Ward
Sun	Forensic Lecture	Ward			Medicine/Allied Lecture	Forensic Tutorial	
Mon	-----	Forensic -Lecture	Ward		Pharma Lecture	Pharma Tutorial	
Tue	Pharma Lecture	Ward			Patho/Micro lecture	Forensic Tutorial	
Wed	Forensic - Lecture	Ward			Patho /Micro Lecture	Patho Tutorial	
Thu	Pharma Lecture	Ward			Forensic - Lecture	Pharma / Micro Tutorial	

Allocation of teaching hours

2nd Phase: Hour Distribution												
Subject		Lecture (in hours)	Tutorial (in hours)	Practical/ Demonstration (in hours)	Others (in hours)	Integrat ed teaching (IT) (in hours)	Clinical bedside teaching (in weeks)	Formative Exam		Summative exam		Total (in hours)
								Prepa ratory leave	Exa m time	Prepa ratory leave	Exa m time	
Teaching-learning, both formative & summative assessment	Pharmacology & Therapeutics	100	30	50	Clinical Pharmac ology 15	17	-	10 days	15 days	10 days	15 days	195
	Forensic Medicine & Toxicology	100	45	40 hrs Visit to Morgue, Thana & court = 12 days	-		-					185+12da ys
Teaching- learning and only formative assessment	General Pathology	35	40	07	-	-	-	-	-	-	-	82
	General Microbiology	13	07	15	-	-	-	-	-	-	-	35
	Medicine & Allied subjects	28	-	-	-	-	21 weeks	-	-	-	-	28
	Surgery & Allied subjects	35	-	-	-	-	20 weeks	-	-	-	-	35
Total		311 hrs	122 hrs	112 hrs + 12 days	15 hours	17 hours	41 weeks	25 days		25 days		560 hrs + 12 days
Grand Total		577 hrs + 12 days					42 weeks	45 days				560 +17 (IT) = 577 hrs + 12 days
Generic Topics on Medical Humanities: (i) Communication skill, (ii) Doctor–patient relationship (DPR) & Physicians’/bedside manner, etiquette and rapport building with patients will be taught within 2 nd phase.												(iii) 5 hrs
Time for integrated teaching, examination preparatory leave and formative and summative assessment is common for all subjects of the phase												
Preventive aspects of all diseases will be given due importance in teaching learning considering public health context of the country and others parts of the world.												
Related behavioral, professional & ethical issues will be discussed in all clinical and other teaching learning sessions												

Yearly planning

1st term

Class Starts from 05/02/2025

1st card examination 15/03/2025

2nd card examination 30/04/2025

Preparatory leave 01-05 May 2025

1st term examination 06/05/2025

1st term supplementary examination 20/05/2025

2nd term

Class 27/05/2024

3rd card examination 10/07/2025

4th card examination 30/08/2025

Preparatory leave 05 -11 september 2025

2nd term examination 12/09/2025

2nd term supplementary examination 25/09/2025

Preparatory leave for Second Professional examination October 2025

Second Professional examination November 2025

Generic Topics

Sl. No	Topics	Date
1	Communication skill	05/02/2025
2	Doctor patient relationship (DPR)	06/02/2025
3	Physicians bedside manner, etiquette and rapport building with patients	07/02/2025

Integrated Teaching

Sl No	Topics	Date
1	Electrocution and lightening	08/03/2025
2	Burn	15/03/2025
3	Drowning	15/04/2025
4	Death	25/02/2025
5	Poisoning	24/07/2025
6	Substance abuse	01/08/2025
7	Pulmonary Tuberculosis	22/06/2025
8	Malaria	07/07/2025

Chattagram International Medical College

3rd year MBBS (Phase-II) 2025

Department of Forensic Medicine

Faculty Members

Name of the Teachers	Designation
Dr. Muhammad Redwanur Rahman	Associate Professor & Head of the Department
Dr. Sheikh Mohammad Erfan	Assistant Professor
Dr. Md. Faisal	Assistant Professor (CC)
Dr. Hasibul Hossain	Lecturer

Distribution of teaching - learning hours

Lecture	Tutorial	Practical	Total teaching hours	Other classes (Integrated Teaching / Assignment)	Formative Exam		Summative exam	
					Preparatory leave	Exam time	Preparatory leave	Exam time
100 hours	45 hours	40 hours + *12 days	185 hours + 12 days	20 hours	07 days	12 days	07 days	12 days
<i>(Time for exam, preparatory leave and formative & summative assessment is common for all subjects of the phase) * 12 days (8 days at mortuary + 4 days for court visit, police station, OCC visit & DNA / Forensic Lab)</i>								

Academic Calendar

Term & Duration	Classes	Subjects	Term Examination
1st Term February, 2025 to April, 2025	Lecture Tutorial Practical	<ul style="list-style-type: none"> ➤ Forensic Medicine & Medical jurisprudence ➤ Legal procedure ➤ Identification ➤ Death and post mortem changes ➤ Medico-legal autopsy ➤ Injury and its type, medico-legal aspect of wound, mechanical injuries, firearm injuries, thermal injuries, regional injuries ➤ Starvation ➤ Asphyxial Death; Hanging, strangulation, drowning, suffocation ➤ Impotency and sterility, virginity and defloration ➤ Sexual offences ➤ Marriage and divorce, paternity and legitimacy ➤ Infanticide, torture and neglect, BBS ➤ Trace evidences and artifacts, forensic science lab ➤ Mass Disaster, Sports medicine ➤ DNA Profiling 	May, 2025
2nd Term May, 2025 to August, 2025	Lecture Tutorial Practical	<ul style="list-style-type: none"> ➤ Medical law and ethics ➤ Pregnancy and delivery, Abortion ➤ Assisted reproductive technology ➤ Forensic psychiatry ➤ General toxicology ➤ Agricultural poison ➤ Corrosive poison ➤ Organic (snakes) and non-organic irritant, metallic poison ➤ CNS depressants (alcohol, opium) ➤ Stupefying and deliriant (Datura and cannabis) ➤ Barbiturates, acetaminophen, benzodiazepine ➤ Cardiac poison and spinal poison ➤ Asphyxiant and war gas ➤ Food poisoning and puffer fish ➤ Substances and solvent abuse 	September, 2025
October, 2025	Revision classes + Preparatory leave		
November, 2025	2nd Professional MBBS Examination		

Summary of the Forensic Medicine Academic Programme

	1st Term	2nd Term	Total
Lecture/Revision	71 hours	29 hours	100 hours
Practical/ Demonstration	27 hours	13 hours	40 hours
Tutorial	35 hours	10 hours	45 hours
Integrated Teaching/Assignment	05 hours	05 hours	10 hours
			Total= 185+10 hours

N.B: Morgue,Court,Police station and OCC visit schedule of total 12 days will be done according to the schedule given by CMU

Summative Assessment and Marks distribution of Forensic Medicine

Components	Marks	Total Marks
Formative assessment	10	10
WRITTEN EXAMINATION		
MCQ (Multiple True-False 10+SBA 10)	20	90
SAQ+SEQ	70	
PRACTICAL EXAMINATION		
Formative for Practical	35	100
OSPE (13 X 5)	65	
ORAL EXAMINATION (Structured) 2 Boards	50+50	100
Grand Total		300

Chattagram International Medical College

3rd year MBBS (Phase-II) 2025

Department of Pharmacology

Faculty Members

Name of the Teachers	Designation
Dr. A.Z.M Asheak - E- Elahi	Associate Professor & Head of the Department
Dr. Fatiha Tasmin Jeenia	Associate Professor
Dr. Ali Asadullah Hossaini	Lecturer
Dr. S M Rezaul Karim	Lecturer
Dr. Anwar Hassan Shakib	Lecturer
Dr. Shaheemul Abrar	Lecturer

Distribution of teaching - learning hours

Lecture	Tutorial	Practical and Demonstration	Clinical Case Report	Total teaching hours	Integrated teaching hour for Phase II	Formative Exam		Summative exam	
						Preparatory leave	Exam time	Preparatory leave	Exam time
100 hrs	30 hrs	50 hrs	15 hrs	195 hrs	15	10 days	15 days	10 days	15 days
<i>Time for integrated teaching, examination, preparatory leave of formative & summative assessment is common for all subjects of the phase</i>									
Related behavioral, professional & ethical issues will be discussed in all teaching learning sessions									

Academic Calendar

Term & Duration	Classes	Subjects	Term Examination
1st Term February, 2025 to April, 2025	Lecture Tutorial Practical	<ul style="list-style-type: none"> ➤ General Pharmacology ➤ Pharmacokinetics ➤ Pharmacodynamics ➤ Quantitative aspects of drug action ➤ Drug interaction at different level ➤ Drug safety and Pharmacovigilance ➤ Autonomic Pharmacology ➤ Diuretics and Drugs used in Hypertension ➤ Antianginal, Antiarrhythmic, Antiplatelet, Anticoagulant, Fibrinolytic, lipid regulating drugs ➤ Drugs used in heart failure ➤ Hematinics ➤ Drugs used in Diabetes Mellitus, Steroidal agents, Drugs for hypothyroidism and Anti-thyroid, Hormonal Contraceptives, Drugs acting on Uterus and HR ➤ Gastrointestinal Pharmacology 	May, 2025
2nd Term May, 2025 to August, 2025	Lecture Tutorial Practical	<ul style="list-style-type: none"> ➤ Central Nervous System ➤ Autacoids ➤ NSAIDS ➤ General aspects of chemotherapy ➤ Cell wall synthesis inhibitors ➤ Protein synthesis inhibitors ➤ Sulfonamide and cotrimoxazole ➤ Quinolones and fluoroquinolones ➤ Drugs used in Tuberculosis, Leprosy, Malaria, Kala-azar, Amebiasis (Also other uses of Metronidazole), Filariasis and Helminthiasis ➤ Antifungal, Antiviral, Anti-scabies and Cancer Chemotherapy ➤ Clinical pharmacology 	September, 2025
October, 2025	Revision classes + Preparatory leave		
November, 2025	2nd Professional MBBS Examination		

Summary of the Pharmacology Academic Program

	Term I	Term II	Total Teaching hours
Lectures/Revision	50 hours	50 hours	100 hours
Practical's & Demonstrations	30 hours	20 hours	50 hours
Tutorials	20 hours	10 hours	30 hours
Clinical case report Assignment with presentation		15hours	15 hours
Total	100 hours	95 hours	195 hours

Summative Assessment and Mark Distribution of Pharmacology & Therapeutics

Components	Marks	Total Marks
Formative assessment	10	10
WRITTEN EXAMINATION		
MCQ (Multiple True-False 10+SBA 10) SAQ+SEQ	20 70	90
PRACTICAL EXAMINATION		
Traditional Practical Examination OSPE	60 40	100
ORAL EXAMINATION (Structured) 2 Boards	50+50	100

13

Grand totals =300

Grand Total

300

Department of Pathology

Faculty Members

Name of the Teachers	Designation
Prof. Dr. Nasrin Sultana	Professor & Head of the Department
Dr. Tahmina Hossain	Assistant Professor
Dr. Sarifa Anjuman	Lecturer
Dr. Tofayel Islam	Lecturer
Dr. Farhad Rahman	Lecturer

Consolidated teaching hours for Phase II

Topics	Theoretical		Practical	Total (hours)	Assessment
	Lecture	Tutorial			
As per academic calendar	35	40	07	82	Term 1A

Academic Calendar

Term & Duration	Classes	Subjects
Term 1A		General Pathology
	Lecture Tutorial Practical	<ul style="list-style-type: none"> ➤ Introduction to pathology <ul style="list-style-type: none"> • Cellular adaptation • Cell injury • Acute inflammation • Chronic inflammation • Healing and repair ➤ Edema and electrolyte disorder ➤ Hyperemia and congestion ➤ Hemorrhage and shock ➤ Thrombosis, embolism and infarction ➤ Neoplasia ➤ Carcinogenesis ➤ Tumor immunity, laboratory diagnosis of tumor, paraneoplastic syndrome ➤ Genetics ➤ Immunopathology ➤ Infectious disease ➤ Nutritional disorder

N.B : Topics selection will be done by respective departments

Department of Microbiology

Faculty members

Name of the teachers	Designation
Prof. Dr. Tipu Sultan	Professor and Head
Dr. Khan Mashreul Alam	Professor
Dr. Mohammed Sheran	Associate Professor
Dr. Taskin Jahan	Assistant Professor
Dr. Mohammad Abul Kalam Azad	Lecturer
Dr. Mezbaul Karim Jewel	Lecturer

Consolidated teaching hours for Microbiology in 3rd Year

Topics	Theoretical		Practical	Total (hours)	
	Lecture	Tutorial			
General Microbiology	13	07	15	35	Assessment

Academic Calendar

Term & Duration	Classes	Subjects
1st Term February, 2025 to April, 2025	Lecture Tutorial Practical	➤ General bacteriology (Selected topics from the followings): <ul style="list-style-type: none"> • Introduction to Microbiology • Bacterial cell • Bacterial classification and staining • Nutrition and cultivation of bacteria • Sterilization and disinfection • Antimicrobial agent • Host parasite relationship • Pathogenesis of bacterial diseases
2nd Term May, 2025 to August, 2025	Lecture Tutorial Practical	➤ Selected topics from the followings: <ul style="list-style-type: none"> • General virology • General parasitology • General mycology

N.B : Topics selection will be done by respective departments

STUDENT MENTORING PROGRAMME (SMP)

Mentors

Name of Mentors	Roll No
Dr.A.Z.M Asheak- E- Elahi	1-7
Dr. Muhammad Rewanur Rahman	8-14
Dr. Fatiha Tasmin Jeenia	15-21
Dr. Sheikh Md. Erfan	22-28
Dr. Md. Faisal	29-36
Dr. Hasibul Hossain	37-44
Dr. Anwar Hassan Shakib	45-52
Dr. Shaheemul Abrar	53-60



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