

Introduction to International Medical Program

BACHELOR OF MEDICINE AND BACHELOR OF SURGERY (MBBS) IN TIMOR LESTE

IN COMPLIANCE, ACCREDITATION AND RECOGNISED BY
WFME: World Federation for Medical Education
ECFMG: Educational Commission for Foreign Medical Graduates
FAIMER: Foundation for Advancement of International Medical Education and Research
And
WDOMS: World Directory of Medical Education

CURRICULUM

FIRST PHASE TEACHING HOURS

S.NO	SUBJECT	HOURS
1	Foundation course	39
2	Human anatomy	620
3	Physiology (including molecular biology)	440
4	Biochemistry	232
5	Early clinical exposure	27
6	Community Medicine	40
7	Family adaptation program	27
8	Attitude, Ethics & Communication	26
9	Sports and extracurricular activities	10
10	Formative assessment and term examinations	60
	Total	1521

NOTE:

These include hours for lectures, small group teaching, tutorials, integrated learning, practical and self-directed learning.



SECOND PHASE TEACHING HOURS

S.NO	SUBJECT	TOTAL HOURS
1	Pathology	230
2	Pharmacology	230
3	Microbiology	190
4	Community Medicine	60
5	Family adaptation program	30
6	Forensic Medicine and Toxicology	42
7	Clinical Subjects	599
8	Attitude, Ethics & Communication	37
9	Sports and Extracurricular Activities	35
10	Pandemic module	28
	TOTAL	1521

NOTE:

1. Clinical postings shall be 3 hours/ day: Monday to Friday. There will be 15 hours per week for all clinical postings.
2. The total hours include lectures, small group teaching, tutorials, integrated learning, practical, clinical postings, self-directed learning.

THIRD PHASE PART - I TEACHING HOURS

S.NO	SUBJECT	HOURS
1	Electives	156
2	General Medicine	90
3	General Surgery	90
4	Obstetrics & gynecology	90
5	Pediatrics	65
6	Orthopedics + Physical Medicine and Rehabilitation	45



7	Forensic Medicine & Toxicology	130
8	Community Medicine	145
9	Family adaptation program	31
10	Otorhinolaryngology (ENT)	45
11	Ophthalmology	45
12	Clinical Postings	540
13	Attitude, Ethics & Communication	31
14	Pandemic module	18
	Total	1521

NOTE:

The total hours include lectures, small group teaching, tutorials, integrated learning, practical, clinical postings, self- directed learning.

THIRD PHASE PART - II TEACHING HOURS

S.NO	SUBJECT	HOURS
1	General Medicine	260
2	General Surgery	260
3	Obstetrics & gynecology	260
4	Pediatrics	120
5	Orthopedics+ Physical Medicine and Rehabilitation	85
6	Attitude, Ethics & Communication Module (AETCOM)	52
7	Dermatology	40
8	Psychiatry	45
9	Respiratory medicine	45
10	Otorhinolaryngology (ENT)	55
11	Ophthalmology	55
12	Radiodiagnosis + Radiotherapy	38
13	Anesthesiology	38
14	Pandemic module	28
	Total	1356



NOTE:

The total hours include lectures, small group teaching, tutorials, Integrated learning, Practical, Clinical Postings, Self-Directed Learning.

	SUBJECTS	PERIOD OF TRAINING IN WEEKS			TOTAL WEEKS
		II MBBS	II MBBS PART I	II MBBS PART II	
1	Electives	0	4	0	4
2	General Medicine	7	4	10	21
3	General Surgery	7	4	10	21
4	Obstetrics & gynecology	7	4	10	21
5	Pediatrics	4	4	5	13
6	Community Medicine	4	4	0	8
7	Orthopedics+ Physical Medicine and Rehabilitation, Trauma	2	2	4	8
8	Otorhinolaryngology	0	3	4	7
9	Ophthalmology	0	3	4	7
10	Respiratory Medicine	0	0	3	3
11	Psychiatry	0	2	4	6
12	Radio diagnosis	0	0	2	2
13	Dermatology	2	2	2	6
14	Dentistry	1	0	0	1
15	Anesthesia	0	0	3	3
16	Emergency medicine	2	0	1	3
	Total	36	36	62	134

LEARNER - DOCTOR PROGRAM (CLINICAL CLERKSHIP)

YEAR OF CURRICULUM	FOCUS
Year I	Introduction to hospital environment, early clinical exposure, understanding perspectives of illness, Family adaptation program
Year II	History taking, physical examination, assessment of change in clinical status, communication & patient education, Family adaptation program
Year III	All of the above & choice of investigations, basic procedures & continuity of care



Year IV	All of the above except Family adaptation program. Decision making, management & outcomes
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NOTE:

1. It implements competency based medical curriculum. During all years of MBBS, family adaptation program is compulsory.
2. After passing final year MBBS exam, students need to undergo 1-year compulsory rotating medical internship.

DISTRIBUTION OF MARKS TO VARIOUS DISCIPLINES

Subject	Theory			Oral	Prac / Clin	Int. Assessment			Tot Min Sub	Remarks
	P I	P II	Tot			The	Pra	Tot		
1st Professional Exam										
Anatomy	50	50	100	20	40	20	20	40	200	One applied question of 10 marks in each
Physiology	50	50	100	20	40	20	20	40	200	“
Biochemistry	50	50	100	20	40	20	20	40	200	“
2nd Professional Exam										
Pathology	40	40	80	15	25	15	15	30	150	“
Microbiology	40	40	80	15	25	15	15	30	150	“
Pharmacology	40	40	80	15	25	15	15	30	150	“
Forensic Medicine	40	-	40	10	30	10	10	20	100	One question on clinical therapeutics
3rd Professional Exam Part - I										
Ophthalmology	40	-	40	10	30	10	10	20	100	One question on pre & clinical aspect of 10 marks
Otorhinolaryngology	40	-	40	10	30	10	10	20	100	“
Comm. Medicine	60	60	120	10	30	20	20	40	200	--
3rd Professional Exam Part - II										
Medicine	60	60	120	20	100	30	30	60	300	Paper I Gen.Med., Paper II Gen. Med. Including Psychiatry Skin & STD



										one question on basic & applied subject
Surgery	60	60	120	20	100	30	30	60	300	Paper I-sect. A Gen. Surg. Sect. B Ortho, Paper-II Gen.Surg incl. Anesthesia Dental disease & Radiology, one quest. One basic & allied subject
Obst. & Gynae	40	40	80	30	30	20	20	40	200	Paper I obst. Incl. Social obst. Paper II Gynae. Family Welfare and demography, one quest. On basic & allied subject
Pediatrics	40	-	40	10	30	10	10	20	100	Shall contain-one question on basic & allied subject

PASS PERCENTAGE

In each of the subjects a candidate must obtain 50% in aggregate with a minimum of 50% in Theory including orals and minimum of 50% in Practical/Clinical.

1. No student shall be permitted to join the Phase II (Para-clinical) group of subjects until he/she has passed in all Phase I (Pre-Clinical) subjects for which he will be permitted not more than four chances (actual examination), provided four chances are completed in three years from the date of enrollment.
2. After passing pre-clinical subjects, 1 ½ years (3 semesters) shall be devoted to para-clinical subjects. Phase II will be devoted to para-clinical and clinical subjects, along with clinical postings. During clinical phase (Phase III) pre-clinical and para-clinical teaching will be integrated into the teaching of clinical subjects where relevant.
3. Didactic lectures should not exceed one third of the time schedule, two third schedule should include practical's, clinicals or/and group discussions. Learning process should include living experiences, problem-oriented approach, case studies and communityhealth care activities.
4. Universities shall organize admission timings and admission process in such a way that teaching in first semester starts by second week of September each year.
5. Supplementary examination may be conducted within 6 months so that the students who pass can join the main batch and the failed students will have to appear in the subsequent year.
6. Passing in 1st Professional is compulsory before proceeding to phase II training.



7. A student who fails in the 2nd Professional examination, shall not be allowed to appear in 3rd Professional Part I examination unless he passes all subjects of 2nd Professional examination.
8. Passing in 3rd Professional (Part I) examination is not compulsory before entering for 8th and 9th semester training, however passing of 3rd professional (Part I) is compulsory for being eligible for 3rd Professional (Part II) examination.

EXAMINATION REGULATIONS

1. ATTENDANCE:

75% of attendance in a subject for appearing in the examination is compulsory provided he/she has 80% attendance in non-lecture teaching, i.e. seminars, group discussions, tutorials, demonstrations, practical, Hospital (Tertiary, Secondary, Primary) postings and bed side clinics, etc.

2. INTERNAL ASSESSMENT:

- (i) It shall be based on day-to-day assessment (see note), evaluation of student assignments preparation for seminar, clinical case presentation etc.
- (ii) Regular periodical examinations shall be conducted throughout the course. The question of number of examinations is left to the institution.
- (iii) Day-to-day records should be given importance during internal assessment.
- (iv) Weightage for the internal assessment shall be 20% of the total marks in each subject.
- (v) Students must secure at least 50% marks of the total marks fixed for internal assessment in a particular subject in order to be eligible to appear in final university examination of that subject.

NOTE:

Internal assessment shall relate to different ways in which students' participation in learning process during semesters is evaluated.



TIME DISTRIBUTION FOR INTERNSHIP

Sr.No	Nature of Posting	Department/Specialty	Duration	Remarks
1	Mandatory Exclusive	Community Medicine	12 weeks	a) Postings should be in Community Health Centers (CHC) / Rural Health Centre (RHC) with rotation of: i) 3 weeks - General Surgery ii) 3 weeks - General Medicine iii) 3 weeks - Obstetrics and Gynecology b) Not more than 15 interns at any given time in one center. c) As provided in the Minimum requirements for Annual MBBS Admission Regulation (2020) section A.1.14 related to Community Medicine must be followed.
2	Mandatory Exclusive	General Medicine	6 weeks	Include postings in out- patient, in-patient wards and admission day emergency and exposure to High Dependency Units (HDU) and Intensive Care Units (ICU).
3	Mandatory Exclusive	Psychiatry	2 weeks	Predominantly Out-patient postings with exposure to handling emergencies.
4	Mandatory Exclusive	Pediatrics	3 weeks	Includes postings in Out-patient, In-patient wards and Admission Day Emergency postings and exposure to Neonatal or Pediatric High Dependency and Intensive Care Units (HDU/NICU/PICU)
5	Mandatory Exclusive	General Surgery	6 weeks	Includes postings in Out-patient, In-patient wards, Admission Day Emergency and both Minor and Major Operation Theatres and exposure to High Dependency Units (HDUs) and Intensive Care Units (ICUs)
6	Mandatory Exclusive	Anesthesiology and Critical Care	2 weeks	Includes postings in Operation Theatre, Intensive Care Units, Basic Life Support (BSL) training and additionally Pain Clinic and Palliative Care, if available.



7	Mandatory Exclusive	Obstetrics and Gynecology including Family Welfare and Planning	7 weeks	Includes postings in Out- patient, In-patient wards, Admission Day Emergency, Labour Room and Operation Theatres and exposure to High Dependency Units (HDU), Intensive Care Units (ICU) and Family Planning methods.
8	Mandatory Exclusive and Concurrent PMR with Orthopedics	Orthopedics including Physical Medicine and Rehabilitation (PM&R)	2 weeks	Includes postings in Out- patient, In-patient, Admission Day Emergency, Plaster Room and Operation Theatres Postings in Physical Medicine and Rehabilitation (Pm&R) may run concurrent in afternoons/mornings equivalent to 4 half-day (14% of total postings)
9	Mandatory Exclusive	Emergency / Trauma/ Casualty	2 weeks	Includes postings related to Resuscitation areas, Triage, In-patient wards and Operation Theatre, Basic Life Support as well as exposure to procedures
10	Mandatory Exclusive	Forensic Medicine and Toxicology	1 week	Include Autopsy postings
11	Mandatory Exclusive	Dermatology, Venereology and Leprology	1 week	Predominantly Out- patient postings with exposure to handling emergencies,
12	Mandatory Exclusive	Otorhinolaryngology	2 weeks	Predominantly Out- patient postings with exposure to handling emergencies, Minor as well as Major Operation Theatres
13	Mandatory Exclusive	Ophthalmology	2 weeks	Predominantly Out- patient postings with exposure to handling emergencies, Minor as well as Major Operation Theatres
14	Mandatory Exclusive	Broad Specialties Group	4 weeks Total 2 weeks minimum	a) Respiratory Medicine and Directly Observed Treatment Short Course in Tuberculosis (DOTS-TB) Center b) Radio diagnosis c) Lab Medicine d) Geriatric Medicine
15	Mandatory Exclusive	International Health Care	1 week	Yoga

Note 1: Electives may be selected by candidates as per their choice:

Distribution for electives:



- a) Major broad specialty: One minimum for 1 week.
- b) Remaining 3 weeks - Any broad specialty or 2 weeks for broad specialties group and 1 week for international health care.

Note 2: Exposure of interns is mandatory in the following relevant areas during posting for training in clinical departments, namely:

- a) Laboratory Medicine and Clinical Biochemistry.
- b) Histopathology and Cytopathology.
- c) Hematology, and Transfusion Medicine / Blood Bank.
- d) Microbiology (including Virology).
- e) Hospital Infection Control, Biomedical Waste Management, Central Sterile Supply Units.
- f) Medical Record Keeping.
- g) Hospital Information Services.

COURSE DURATION: The MBBS course will be offered for four years and six months, and a one-year internship or housemanship subsequently.

According to the decree law No. 68/2022 of September 14, Chapter VII, Article 50, higher education establishments, i.e. universities, enjoy academic autonomy; therefore, universities have the freedom to implement, introduce, or restructure curriculum when required, that is futuristic and intends to enhance the curriculum competent to international standards in accordance with the statutes of the institution to which they belong in addition to their own.

OFFICIALLY ENDORSEMENT OF CURRICULUM BY

H.E. José Honório da Costa Pereira Jerónimo
The Minister of Higher Education, Science and Culture
Dili, Timor Leste

