

Uttar Pradesh University of Medical Sciences, Saifai, Etawah

**PHASE WISE TRAINING, TIME DISTRIBUTION, MARKING SYSTEM, ASSESSMENT OF M.B.B.S. COURSE
(As Per NMC Regulations on Graduate Medical Education (Amendment), 2019) w.e.f. 2019-20**

Distribution of subjects by Professional Phase			
Phase & Year of MBBS Training	Subjects & New Teaching Elements	Duration	University Examination
First Professional MBBS	Foundation Course 1 Month	1+13 Months	I Professional
	Human Anatomy, Physiology & Biochemistry Introduction of Community Medicine, Humanities		
	Early Clinical Exposure		
	Attitude, Ethics, and Communication Module (AETCOM)		
Second Professional MBBS	Pathology, Microbiology, Pharmacology, Forensic Medicine and Toxicology,	12 Months	II Professional
	Introduction to clinical subjects including Community Medicine		
	Clinical postings		
	Attitude, Ethics & Communication Module (AETCOM)		
Third Professional MBBS Part-I	General Medicine, General Surgery, Obstetrics & Gynecology, Pediatrics, Orthopedics, Dermatology, Psychiatry, Otorhinolaryngology, Ophthalmology, Community Medicine, Forensic Medicine and Toxicology, Respiratory medicine, Radiodiagnosis & Radiotherapy, Anesthesiology	13 Months	III Professional (Part-I)
	Clinical subjects /postings		
	Attitude, Ethics & Communication Module (AETCOM)		
Elective	Electives, Skills and assessment*	2 Months	
Third Professional MBBS Part-II	General Medicine, Pediatrics, General Surgery, Orthopedics, Obstetrics and Gynecology including Family welfare and allied specialties	13 Months	III Professional (Part-II)
	Clinical postings/subjects		
	Attitude, Ethics & Communication Module (AETCOM)		

*Assessment of electives shall be included in Internal Assessment.

Foundation Course (one month)			
Subjects/ Contents	Teaching Hours	Self Directed Learning Hours	Total hours
Orientation	30	-	30
Skills Module	35	-	35
Field visit to Community Health Center	8	-	8
Introduction to Professional Development & AETCOM module	-	-	40
Sports and extracurricular activities	22	-	22
Enhancement of language/ computer skills*	40	-	40
Total	-	-	175

* Based on perceived need of learners, one may choose language enhancement (English or local spoken or both) and computer skills. This should be provided longitudinally through the duration of the Foundation Course.

Teaching of Foundation Course will be organized by pre-clinical departments

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First Professional teaching hours				
Subjects	Lectures (hours)	Small Group Teaching/Tutorials/ Integrated learning/ Practical (hours)	Self directed learning (hours)	Total (hours)
Human Anatomy	220	415	40	675
Physiology*	160	310	25	495
Biochemistry	80	150	20	250
Early Clinical Exposure**	90	-	-	90
Community Medicine	20	27	5	52
Attitude, Ethics & Communication Module (AETCOM) ***	-	26	8	34
Sports and extracurricular activities	-	-	-	60
Formative assessment and Term examinations	-	-	-	80
Total	-	-	-	1736

* including Molecular Biology.
** Early clinical exposure hours to be divided equally in all three subjects.
*** AETCOM module shall be a longitudinal programme.

Second Professional teaching hours					
Subjects	Lectures (hours)	Small Group Teaching (Tutorials/ Seminars)/ Integrated learning (hours)	Clinical Postings (hours)*	Self directed learning (hours)	Total (hours)
Pathology	80	138	-	12	230
Pharmacology	80	138	-	12	230
Microbiology	70	110	-	10	190
Community Medicine	20	30	-	10	60
Forensic Medicine & Toxicology	15	30	-	5	50
Clinical Subjects	75**	-	540***	-	615
Attitude, Ethics & Communication Module (AETCOM)	-	29	-	8	37
Sports and extracurricular activities	-	-	-	28	28
Total	-	-	-	-	1440

* At least 3 hours of clinical instruction each week must be allotted to training in clinical and procedural skill laboratories. Hours may be distributed weekly or as a block in each posting based on institutional logistics.
** 25 hours each for Medicine, Surgery and Gynecology & Obstetrics.
*** The clinical postings in the second professional shall be 15 hours per week (3 hrs per day from Monday to Friday)

Third Professional Part I teaching hours				
Subjects	Teaching Hours	Tutorials/ Seminars/ Integrated Teaching (hours)	Self directed learning (hours)	Total (hours)
General Medicine	25	35	5	65
General Surgery	25	35	5	65
Obstetrics & Gynaecology	25	35	5	65
Paediatrics	20	30	5	55
Orthopaedics	15	20	5	40
Forensic Medicine & Toxicology	25	45	5	75
Community Medicine	40	60	5	105
Dermatology	20	5	5	30
Psychiatry	25	10	5	40
Respiratory Medicine	10	8	2	20
Otorhinolaryngology	25	40	5	70
Ophthalmology	30	60	10	100
Radiodiagnosis and Radiotherapy	10	8	2	20
Anesthesiology	8	10	2	20
Clinical Postings*	-	-	-	756
Attitude, Ethics & Communication Module (AETCOM)	-	19	6	25
Total	303	-	-	1551

* The clinical postings in the third professional part I shall be 18 hours per week (3 hrs per day from Monday to Saturday)

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Third Professional Part II teaching hours				
Subjects	Teaching Hours	Tutorials/ Seminars/ Integrated Teaching (hours)	Self directed learning (hours)	Total (hours) *
General Medicine	70	125	15	210
General Surgery	70	125	15	210
Obstetrics & Gynaecology	70	125	15	210
Paediatrics	20	35	10	65
Orthopaedics	20	25	5	50
Clinical Postings**	-	-	-	792
Attitude, Ethics & Communication Module (AETCOM)***	28	-	16	43
Electives	-	-	-	200
Total	-	-	-	1780

* 25% of allotted time of third professional shall be utilized for integrated learning with pre- and para- clinical subjects and shall be assessed during the clinical subjects examination. This allotted time will be utilized as integrated teaching by para-clinical subjects with clinical subjects (as Clinical Pathology, Clinical Pharmacology and Clinical Microbiology)

** The clinical postings in the third professional part II shall be 18 hours per week (3 hrs per day from Monday to Saturday)

*** Hours from clinical postings can also be used for AETCOM modules.

Clinical postings				
1- The clinical postings in the second professional shall be 15 hours per week (3 hrs per day from Monday to Friday).				
2- The clinical postings in the third professional part I shall be 18 hours per week (3 hrs per day from Monday to Saturday).				
3- The clinical postings in the third professional part II shall be 18 hours per week (3 hrs per day from Monday to Saturday).				
Subjects	Period of training in weeks			
	II MBBS	III MBBS Part I	III MBBS Part II	Total weeks
Electives	-	-	8* (4 regular clinical posting)	4
General Medicine ¹	4	4	8+4	20
General Surgery	4	4	8+4	20
Obstetrics & Gynaecology ²	4	4	8+4	20
Pediatrics	2	4	4	10
Community Medicine	4	6	-	10
Orthopedics - including Trauma ³	2	4	2	8
Otorhinolaryngology	4	4	-	8
Ophthalmology	4	4	-	8
Respiratory Medicine	2	-	-	2
Psychiatry	2	2	-	4
Radiodiagnosis ⁴	2	-	-	2
Dermatology, Venereology & Leprosy	2	2	2	6
Dentistry & Anesthesia	-	2	-	2
Casualty	-	2	-	2
Total	36	42	48	126

* In four of the eight weeks of electives, regular clinical postings shall be accommodated.
Clinical postings may be adjusted within the time framework.

¹ This posting includes Laboratory Medicine (Para-clinical) & Infectious Diseases (Phase III Part I).

² This includes maternity training and family welfare (including Family Planning).

³ This posting includes Physical Medicine and Rehabilitation.

⁴ This posting includes Radiotherapy, wherever available.

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Marks distribution for various subjects			
Phase of Course	Writtend Theory Total	Pracitcals/Orals/ Clinicals	Pass Criteria
First Professional			Internal Assessment: 50% combined in theory and practical (not less than 40% in each) for eligibility for appearing for University Examinations
Human Anatomy - 2 papers	200	100	
Physiology - 2 papers	200	100	
Biochemistry - 2 papers	200	100	
Second Professional			
Pharmacology - 2 Papers	200	100	
Pathology - 2 papers	200	100	
Microbiology - 2 papers	200	100	
Third Professional Part – I			
Forensic Medicine & Toxicology - 1 paper	100	100	
Ophthalmology – 1 paper	100	100	
Otorhinolaryngology – 1 paper	100	100	
Community Medicine - 2 papers	200	100	University Examination Mandatory 50% marks separately in theory and practical (practical = practical/clinical + viva)
Third Professional Part – II			
General Medicine - 2 papers *	200	200	
General Surgery - 2 papers **	200	200	
Pediatrics – 1 paper	100	100	
Obstetrics & Gynaecology - 2 papers	200	200	
* The discipline of Orthopedics, Anesthesiology, Dentistry and Radiodiagnosis will constitute 25% of the total theory marks incorporated as a separate section in paper II of General Surgery. ** The discipline of Psychiatry and Dermatology, Venereology and Leprosy (DVL), Respiratory Medicine including Tuberculosis will constitute 25% of the total theory marks in General Medicine incorporated as a separate section in paper II of General Medicine.			

Criteria for passing
1- In subjects that have two papers, the learner must secure at least 40% marks in each of the papers with minimum 50% of marks in aggregate (both papers together) to pass in the said subject. 2- A candidate shall obtain 50% marks in University conducted examination separately in Theory and Practical (practical includes: practical/ clinical and viva voce) in order to be declared as passed in that subject.

Eligibility to appear for Professional examinations
Attendance
1- Attendance requirements are 75% in theory and 80% in practical /clinical for eligibility to appear for the examinations in that subject. In subjects that are taught in more than one phase – the learner must have 75% attendance in theory and 80% in practical in each phase of instruction in that subject. 2- If an examination comprises more than one subject (for e.g., General Surgery and allied branches), the candidate must have 75% attendance in each subject and 80% attendance in each clinical posting. 3- Learners who do not have at least 75% attendance in the electives will not be eligible for the Third Professional - Part II examination.
Internal Assessment:
Learners must secure at least 50% marks of the total marks (combined in theory and practical / clinical; not less than 40 % marks in theory and practical separately) assigned for internal assessment in a particular subject in order to be eligible for appearing at the final University examination of that subject. Internal assessment marks will reflect as separate head of passing at the summative examination.

:: MOST IMPORTANT ::
1- A maximum number of four permissible attempts would be available to clear the first Professional University examination, whereby the first Professional course will have to be cleared within 4 years of admission to the said course. Partial attendance at any University examination shall be counted as an availed attempt. 2- A learner shall not be entitled to graduate after 10 years of his/her joining of the first part of the MBBS Course