

Bachelor's Degree in Medicine and Surgery

1. **Faculty:** Health Sciences
2. **Department or Center:** Medicine
3. **Program Level:** Bachelor (Undergraduate)
4. **Program Code:** MBBS
5. **Full time or part time program (or both):** Full Time
6. **Proposed Location and Mode of delivery:** Face to Face & Blended
Central Campus-Belmopan & Belize City

7. **Professional or technical occupations the program prepares graduates for including further study:**
The graduate of this program will become a qualified and competent individual, who is eligible to sit the Board exam to become a Medical Doctor.
8. **Admission Requirements:**
 - Candidates must be at least 18 years of age at the beginning of the academic year of entry in accordance with the laws of Belize.
 - Possess an Associate degree in Pre-Medical Science with a minimum GPA of 3.0
 - Or an Associate Degree in Science (Biology/Chemistry) with a GPA of 3.0 –These students must complete 1 year transition program.
 - Or Associate Degree in
 - Or Bachelor's Degree in Biology with a minimum GPA of 3.0.
 - Or Bachelor's Degree in Chemistry with a minimum GPA of 3.4.
 - Must meet the technical standards of the program (Observation, communication, motor, intellectual, and behavioral and social attributes)

Admission Prerequisites to the University of Belize School of Medicine

All applications will be carefully reviewed by a Medical School Admissions Committee who will weigh and score a variety of factors. This process will include the revision of the transcripts to verify a minimum of 60 credit hours which must include the following as core subjects at minimum along with other science subjects or electives (**cannot be more than 10 years old**):

2 semester of Chemistry (General) with labs (4 x2=8 credits)

1 semester of Chemistry (Inorganic) with labs (4 credits)

1 semester of Chemistry (Organic) with labs (4 credits)

1 semester of Chemistry (Organic and Biochemistry) (3 credits)

4 semester of Biology with labs –Cytology, Reproductive Biology, Genetics, Animal physiology (4 x 4 =16 credits)

2 semester of General Physics with labs (4 x 2 credits)

2 semester of English Language Arts (3x2=6 credits)

4 semester of Maths-Algebra, Calculus 1, Calculus 2, Statistics 1, Statistics 2 (4 x4 =16 credits)

Other Electives

A minimum grade point average of 3.0 is required for acceptance into the program.

Evaluation for admission will be done on an individual basis. Potential students will be able to demonstrate

interest, passion and commitment to medical profession through an essay, recommendations and past social work especially for service to the poor, and underserved community. Applicants with undergraduate degrees will receive additional consideration as will those whose resumes show a strong background in the health sciences.



NAME: _____
ID #: _____
ADVISOR: _____

**Faculty of Health Sciences
School of Medicine**

Sequence Effective Semester 2024-1

BACHELOR'S DEGREE MEDICINE BACHELOR'S OF SURGERY (MBBS)

Course Code			Course Name	Credits	Status	Grade	Pre-requisites	Co-requisites
Year 1 Semester I								
MEDI 3001/L			Gross Anatomy I	5	PC		BIOL 1151/L, BIOL 1332/L, BIOL 2352/L	MEDI 3001L
MEDI 3201/L			Medical Biochemistry	4	PC		CHEM 1201, CHEM 1032	MEDI 3201L
MEDI 3351/L			Histology I	4	PC		BIOL 1151	MEDI 3351L
MEDI 3101			Embryology	4	PC		BIOL 1151/L, BIOL 1332, BIOL 2351, BIOL2352L	MEDI 3101/L
MEDI 3161			Introduction to Clinical and Community Medicine I	1	PC		CRTH 1014, PHIL 1014	
MEDI 3051/L			Physiology I	4	PC		BIOL 1151/L, BIOL 1332/L, BIOL 2352/L	MEDI 3051L
MEDI 3021			Medical Sociology	2	PC			
MEDI 3201			Case Studies in Medicine	2	PC			MEDI 3001/L, MEDI 3351/L, MEDI 3051/L
Total Credits				26				
Year 1 Semester II								
MEDI 3252/L			Gross Anatomy II	5	PC		MEDI 3001/L	MEDI 3252L
MEDI 3262			Medical Genetics	3	PC		BIOL2351/L, BIOL 2352/L	
MEDI 4002			Medical Ethics	3	PC		PHIL1014	

MEDI 3402/L			Human Nutrition	4	PC		BIOL 1151/ L, MEDI 3201/L	MEDI 3402 L
MEDI 3162			Clinical and Community Medicine 2	1	PC		MEDI 3161	
MEDI 3052/L			Physiology II	4	PC		MEDI 3051/ L	MEDI 3052 L
MEDI 3202			Case Studies in Medicine	2	PC		MEDI 3201	MEDI 3252/L, MEDI 3052/L
Total Credits				22				
Year 2 Semester I								
MEDI 4251/L			Gross Anatomy III	4	PC		MEDI 3252/L	MEDI 4251 L
MEDI 4151/L			Pharmacology I	4	PC		CHEM 1212/L, CHEM 1032, CHEM 1252/L	MEDI 4151 L
MEDI 4051/L			Pathology I	4	PC		MEDI 3352/ L, MEDI 3201	MEDI 4051 L, 4502/L
MEDI 4021			Clinical and Community Medicine 3	1	PC		MEDI 3162	
MEDI 4261/L			Molecular Medicine	4	PC		MEDI3262	MEDI 4261 L
MEDI 4161/L			Physiology III	4	PC		MEDI 3052/L	MEDI 4161/L
MEDI 4201/L			Epidemiology and Biostatistics	4	PC		MEDI 3152/L, MATH 2151, MATH2352	MEDI 4201 L
MEDI 4101			Case Studies in Medicine	4	PC		MEDI 3302	MEDI 4251/L, MEDI 4161/L, MEDI 4051/L
Total Credits				25				
Year 2 Semester II								
MEDI 4062			Psychology and Psychopathology	4	PC		MEDI 4051/L	
MEDI 4152/L			Pharmacology II	4	PC		MEDI 4161/L	MEDI 4152L
MEDI 4052/L			Pathology II	4	PC		MEDI 4051/L	MEDI 4152L
MEDI 4022			Clinical and Community Medicine 4	2	PC		MEDI 4021	
MEDI 4452/L			Immunology and Microbiology	4	PC		MEDI 4251/L, MEDI 4161/L	MEDI 4452L
MEDI 4162/L			Chemical Pathology and Haematology	4	PC		MEDI 4051/L	MEDI 4162L
Total Credits				22				

Year 3 Semester I						
MEDI 5161	Clinical and Community Medicine 5	2	PC		MEDI 4162	
MEDI 5221	Healthcare Management	3	PC			
MEDI 5241	Research Methods and the Evidence Based Approach to Medicine	4	PC			
MEDI 5261	Pathophysiology	4	PC		MEDI 3052/L, MEDI 4052/L	
MEDI 5281	Forensic Medicine and Toxicology	3	PC		MEDI 3201/L, MEDI 4551/L, MEDI 4052	
Total Credits		16				
Year 3 Semester II						
MEDI 5881	Internal Medicine I	10 weeks	PC			
MEDI 5992	General Surgery I	10 weeks	PC			
MEDI 5931	Family Medicine	6 weeks	PC			
Total Weeks		26 weeks				
Year 4 July - May						
MEDI 6991	Obstetrics and Gynecology I	10 weeks	PC			
MEDI 6921	Psychiatry	6 weeks	PC			
MEDI 6931	Ophthalmology /Accident & Emergency	6 weeks	PC			
MEDI 6041	Pediatrics	6 weeks				
MEDI 6051	Ophthalmology- Anaesthesia	6 weeks	PC			
MEDI 6061	Radiology-Orthopedics	6 weeks	PC			
MEDI 6071	Radiology- Community Health	6 weeks	PC			
Total Credits		46 weeks				
Year 5 July-May						
MEDI 7011	Medicine II	10 weeks	PC			
MEDI 7021	SurgeryII	10 weeks	PC			
MEDI 7012	Obstetrics and Gynecology II	10 weeks	PC			
MEDI 7042	Pediatrics	5 weeks	PC			
MEDI 7072	Community Health	5 weeks	PC			
MEDI 7061	Elective	5 weeks	PC			
Total Credits		45 weeks				

*** Students must complete and pass ALL courses in each semester with a C+ in order to take the end of year exams which if passed qualifies them to move into the subsequent year.**

Note: After completing year 1 students must take and pass with a minimum of 75% the comprehensive exam in (1) Anatomy and Physiology and (2) Biochemistry and Molecular Medicine.

Note: After completing year 2 students must take and pass with a minimum of 75% the comprehensive exam in (1) Pharmacology, Epidemiology, Genetics and Microbiology/Immunology and (2) pathology

Note: After completing year 3 students must take and pass with a minimum of 75% the comprehensive exam in (1) Health care management and Research methods and (2) pathophysiology and Forensic Medicine

Note : At the end of year 5 students must take the MBBS comprehensive Exam.

Acceptance Conditions: _____ _____ _____ _____	Date Completed: February 2024
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Graduation requirement: Successfully complete all courses in program sequence and pass the MBBS exam with a minimum score of 75%.

Definitions		
Professional Core	PC	Courses in your major. They often carry the name of the major in the code e.g. MEDI--Grade needed: C with overall PC GPA 2.5
Electives	EL	An optional course, not on the program sequence. Can be any subject which is offered at the University. Grade Needed: C
Pre-requisite	PR	A required course taken prior to taking the desired course. Grade Needed is a C.
Co-requisite	CR	Courses that should be taken along with the desired course. Grade Needed is a C+.