

## THE BACHELOR OF MEDICINE AND BACHELOR OF SURGERY (MBCh.B)

### Introduction

The present curriculum has defined the following eight areas in which a doctor working in Uganda should be competent.

- Promotion of health and prevention of disease
- Patient Management
- Medical Legal duties
- Research
- Management & Administration
- Teaching and learning
- Understanding the role of Traditional Medicine
- Community Leadership.

In order to achieve these objectives emphasis has been put not only on science subjects but also the humanities such as sociology and psychology as well as communication skills. Community Clerkship during which time the student will be living in the community will have the same weight as the clinical subjects. Primary Health Care will be emphasized during Community Clerkship. The training will not only be Community Oriented but will also be problem solving and the students will be guided to do more self learning. This will emphasize to the students that the University is a place of learning rather than teaching. In this curriculum, integrated teaching will be done as much as possible.

### Degree Award

The degree of MBChB shall be awarded without classification but performance in individual courses shall be graded according to the approved semester system grading.

### Programme Structure

#### Duration

This is a five-year academic programme. Every academic year shall have two 17 week semesters and one 10 week recess term except in the Fifth year which will have no recess semester.

All courses in the MBChB programme are core (compulsory)

Year I: Semester I		
Course Code	Course	CU
ANA 1101	Histology & Embryology	
ANA 1102	Anatomy of upper & lower limbs	
PHY 1101	Physics Practicals	
PHY 1104	General, Blood & Respiratory Physiology	5
BCM 1101	Introduction to Biochemistry I	4
PSY 1101	Introduction to Psychology	4
FOM 1101	Introductory Economics	3
FOM 1102	Introductory Statistics	5
FOM 1103	Blood & Body Fluids	5
FOM 1104	Principles of Nursing & First Aid	2
FOM 1111	Introduction of Health Professionals Edu & Et	3
FOM 1112	Cells and Tissues	5
FOM 1113	Blood & Body Fluids	5
FOM 1114	Principles of Nursing & First Aid	2
Semester II		
ANA 1201	Thorax & Abdomen	5
ANA 1202	Pelvis and Perineum	1
PHY 1201	Cardiovascular, Gastro-Intestinal Track & Renal Physiology	5
BCM 1201	Introduction to Biochemistry II	4
SOC 1201	Sociology I	2
FOM 1201	Basic Computer Skills	5
FOM 1202	Cardiovascular & Respiratory Systems	5
FOM 1203	Foundations of Behavioral Sciences	5
FOM 1211	Cardiovascular & Respiratory Systems	5
FOM 1212	Digestion Nutrition & Metabolism	5
FOM 1213	Foundations of Behavioural Sciences	5
Recess Term		
SOC 1301	Sociology II	2
PSY 1301	Psychology II	2
GEN 1301	Genetics I	1
PHC 1301	Introduction to Biostatistics	1
PHC 1302	Research Methods	2
FOM 1301	Introduction to Community Health I	4

FOM 1302	Introduction to Community Health II	4
FOM 1311	Introduction to Community Health I	4
FOM 1312	Introduction to Community Health II	4
<b>Year II: Semester I</b>		
ANA 2101	Anatomy of Head and Neck	5
BCM 2101	Introduction to Medical Biochemistry I	4
PHY 2109	Endocrine & Reproductive Physiology	3
PSY 2106	Applied Psychology	1
PHA 2101	General Pharmacology	4
MCB 2101	Microbiology I-Bacteriology	4
PAT 2101	General Pathology	4
BDS 2102	Foundations of Dentistry 1	
FOM 2101	Biometrics	5
FOM 2102	Forestry Economics	5
FOM 2103	Natural Resources & Environmental Management	5
FOM 2111	Endocrine	5
FOM 2112	Reproductive & Urinary Systems	5
FOM 2113	Head and Neck	5
<b>Semester II</b>		
ANA 2201	Anatomy: Neuroanatomy	4
BCM 2201	Introduction to Medical Biochemistry II	4
PHY 2204	Neurophysiology	3
PHA 2201	Chemotherapy & Cytotoxic Agents	4
MCB 2201	Microbiology II Immunology & Parasitology	4
PAT 2201	Systemic Pathology	5
BDS 2202	Central Nervous System	
BDS 2203	Community & Diagnosis & Communication	
BDS 2204	Plague	
BCM 2214	Material Science	2
FOM 2201	Forestry Resource Assessment and Gis	5
FOM 2202	Resource Economics	5
FOM 2203	Community Diagnosis & Communication	5
FOM 2204	Material Science	5
FOM 2211	Principles of Microbiology & Pathology	5

FOM 2212	Neurolocomotor	5
FOM 2213	Community & Diagnosis & Communication	3
<b>Recess Term</b>		
PSY 2301	Psychotherapy & Counseling	2
MCB 2301	Microbiology III (Virology & Mycology)	2
ETH 2301	Introduction to Ethics	1
RAD 2301	Introduction to Radiology	1
PAT 2302	Haematology	2
BDS 2301	Foundations II	
FOM 2301	Practical Skills in Forest Resources Assessment	3
FOM 2302	Computer Skills	5
FOM 2311	Blood Haemopoetic Fluids Disorders	3
FOM 2312	Pathology & Development Psychology	5
<b>Year III: Semester 1</b>		
<i>The student is required to take either combination A or combination B.</i>		
Course Code	Course	CU
<b>Combination A:</b>		
PCH 3101	Clinical Pediatrics Methods I	5
PCH 3102	Paediatrics & Child Health I	4
BMS 3101	Principles of Surgery	5
BMS 3102	Endocrine & Gastroenterology	5
PHA 3101	Systemic Pharmacology	2
BDS 3102	Cariology I	
BDS 3103	Cariology II	
<b>Combination B:</b>		
OGN 3101	Lectures in Obs/Gynaecology	3
OGN 3102	Clinical Methods & skills in Obstetrics & Gynaecology I	4
OGN 3103	Obstetric and Gynaecological Practice I	5
MED 3101	Clinical Medicine Theory	4
MED 3102	Clinical Medicine Methods I	5
PHA 3101	Systemic Pharmacology	2
FOM 3101	Program Planning and Evaluation	5
FOM 3102	Digestion Nutrition & Metabolic Disorders	5
FOM 3103	Blood Haemopoetic Fluid Disorders	5
FOM 3111	Cardiovascular Respiratory Body system & Disorders	5

FOM 3113	Pharmacology & Therapeutics	5
<b>Semester II</b>		
<i>The student is required to take either combination A or combination B which he/she did not take in the previous semester.</i>		
Course Code	Course	CU
<b>Combination A:</b>		
PCH 3201	Clinical Paediatrics Methods I	5
PCH 3202	Paediatrics and Child Health I	4
BMS 3201	Principles of Surgery	5
BMS 3202	Endocrine & Gastroenterology	5
BDS 3201	Cobes/Electives Proposal Writing	
BDS 3202	Oral Surgery I	
BDS 3203	Oral Diagnosis & Pain	
<b>Combination B:</b>		
OGN 3201	Lectures in Obs/Gynaecology	3
OGN 3202	Clinical Methods & skills in Obstetrics & Gynaecology I	4
OGN 3203	Obstetric and Gynaecological practice I	5
MED 3201	Clinical Medicine Theory	4
MED 3202	Clinical Medicine Methods I	5
PHA 3201	Neuro & Psychopharm., Toxicology & Vitamins & Therap. gases	2
FOM 3211	Cobes/electives Proposal Writing	5
BMC 3201	Electives/Proposal Writing	
BMC 3203	Reproductive & Urinary Disorders	
BMC 3211	Electives/Proposal Writing	5
BMC 3212	Endocrine Disorders I	5
BMC 3213	Reproductive & Urinary Disorders	5
<b>Recess Term</b>		
ETH 3301	Medical Ethics I	1
PAT 3301	Forensic Medicine	3
PSY 3301	General, Child & Adolescent Psychiatry	3
GEN 3301	Genetics II – Clinical	1
PHC 3301	Introduction to Public Health	2
BDS 3301	Rehabilitative Dentistry I	
BDS 3302	Oral Medicine I	
BMC 3301	Tropical Infectious Diseases	
BMC 3302	Endocrine Disorders II	
BMC 3311	Tropical Infectious Diseases	

BMC 3312	Endocrine Disorders II	
<b>Year IV: Semester I</b>		
<i>A student shall do either combination C or combination D</i>		
Course Code	Course	CU
<b>Combination C:</b>		
PHC 4101	Epidemiology and Biostatistics	2
PHC 4102	Health Policy and Management	2
PHC 4103	Disease Control & Environmental Health	3
PHC 4104	Community Health	3
PSY 4101	Clerkships in Psychiatry	4
PSY 4102	Social Psychiatry	2
MED 4101	Medical Specials	3
ETH 4101	Medical Ethics II	1
BDS 4101	Clinical Medicine Relevant to Dentistry	
BDS 4102	Clinical Surgery Relevant of Dentistry	
BDS 4103	Conservative Dentistry I	
BMC 4101	Clinical Medicine I	
BMC 4102	Clinical Surgery I	
BMC 4103	Paediatrics Child Health I	
BMC 4104	Obstetrics & Gynaecology I	
BMC 4106	Psychiatry	
BMC 4111	Clinical Medicine I	5
BMC 4112	Clinical Surgery I	5
BMC 4113	Paediatrics Child Health I	5
BMC 4114	Obstetrics & Gynaecology I	5
BMC 4115	Cobes Project	5
BMC 4116	Psychiatry	5
<b>Combination D:</b>		
ICC 4101	Community diagnosis & Primary Health Care	5
BMS 4101	Surgical Specials I (ophthalmology, ear, nose throat)	4
BMS 4102	Anaesthesia	4
RAD 4101	Chest Radiology	1
ETH 4101	Medical Ethics II	1
FOM 4105	Human Resource Management	3
FOM 4111	Cobes Project	5

<b>Year IV: Semester II</b>		
<i>A student shall do either combination C or combination D which he/she did not take in the previous semester.</i>		
Course Code	Course	CU
<b>Combination C:</b>		
PHC 4201	Epidemiology and Biostatistics	2
PHC 4202	Health Policy and Management	2
PHC 4203	Disease Control & Environmental Health	3
PHC 4204	Community Health	3
PSY 4201	Clerkships in Psychiatry	4
ETH 4201	Medical Ethics	1
MED 4201	Medical Specials	3
PSY 4202	Social Psychiatry	2
<b>Combination D:</b>		
ICC 4201	Community diagnosis & Primary Health Care	5
BMS 4201	Surgical Specials I (ophthalmology, ear,nose throat)	4
BMS 4202	Anaesthesia	4
DEN 4202	Periodontology I	5
RAD 4201	Chest Radiology	1
ETH 4201	Medical Ethics II	1
BDS 4201	Oral Surgery II	
BDS 4202	Rehabilitative Dentistry II	
BDS 4203	Cobes Investigative Project	
BMC 4211	Clinical Medicine I	5
BMC 4213	Paediatrics Child Health I	5
BMC 4214	Obstetrics & Gynaecology I	5
BMC 4215	Psychiatry	5
FOM 4211	Cobes Project	5

### Recess Term

This will be an elective period for all students who will be required to participate in a new or on-going research project or have a practical experience in Medical Practice or health services delivery institution. This is mandatory and will be assessed as Pass or Fail, based on a satisfactory report by the student and a report obtained from the host department or organisation.

Course Code	Course	CU
BMC 4301	Surgical Specials	5
BMC 4302	Medical Specials	

BMC 4311	Surgical Specials I	4
BMC 4312	Medical Specials I	4
<b>Year V: Semester I</b>		
<i>A student will be required to take either combination X or Y</i>		
Course Code	Course	CU
<b>Combination X:</b>		
BDS 5101	Periodontology II	
BDS 5102	Conservative Dentistry	
BDS 5103	Orthodontics	
BMS 5101	Surgical Special II	4
BMS 5102	Essential Surgical Skills	3
PCH 5101	Clinical Paediatric Methods II	5
PCH 5102	Paediatrics and Child Health II	3
PSY 5101	Clinical Psychiatry	1
PHA 5101	Pharmacotherapeutics	1
<b>Combination Y:</b>		
OGN 5101	Lectures in Obs/Gynae II	3
OGN 5102	Clinical Methods & skills in Obstetrics & Gynaecology II	4
OGN 5103	Obstetric and Gynaecological practice II	5
MED 5101	Clinical Medicine Theory II	4
MED 5102	Clinical Medicine Methods II	5
PSY 5101	Clinical Psychiatry	1
PHA 5101	Pharmacotherapeutics	1
FOM 5115	Surgical Specials II	5
FOM 5116	Medical Specials II	5
<b>Year V: Semester II</b>		
<i>A student will be required to take either combination X or Y which he/she did not take during the previous semester.</i>		
Course Code	Course	CU
<b>Combination X:</b>		
BDS 5201	Child Dentistry	
BDS 5202	Oral Surgery IV	
BDS 5203	Forensic Dentistry Jurisprudence	
BMC 5211	Clinical Methods II	5
BMC 5212	Clinical Surgery II	5
BMC 5213	Paediatrics Child Health II	5
BMC 5214	Obstetrics & Gynecology II	5
BMS 5201	Surgical Special II	4
BMS 5202	Essential Surgical Skills	3
PCH 5201	Clinical Paediatric Methods II	5
PCH 5202	Paediatrics and Child Health II	3

PHA 5201	Pharmacotherapeutics	1
PSY 5201	Clinical Psychiatry	1
<b>Combination Y:</b>		
OGN 5201	Lectures in Obs/Gynae II	3
OGN 5202	Clin. Methods & skills in Obstetrics&Gynaecology II	4
OGN 5203	Obstetric and Gynaecological practice II	5
MED 5201	Clinical Medicine Theory II	4
MED 5202	Clinical Medicine Methods II	5
PSY 5201	Clinical Psychiatry	1

FOM 5211	Medical Specials II	5
FOM 5212	Surgical Specials II	5

\*BMS 511 Surgical Specials II includes the following subjects:

- Tropical Surgery
- Urology
- Neurosurgery
- Cardiothoracic Surgery
- Orthopaedic Surgery
- Paediatric Surgery
- Essential Surgical Skills
- Done in rotation

## BACHELOR OF SCIENCE DEGREE IN SPEECH AND LANGUAGE THERAPY

### Programme administration

The programme will be conducted according to the semester system. Each semester will have specific courses to be covered and examined. Completion of all the courses will be required for completion of the programme.

### Programme Outline

<b>Year I: Semester I</b>		
Course Code	Course	CU
EAN 1101	Anatomy	4
EPH 1102	Physiology	4
EFA 1103	First Aid and Nursing	3
EPC 1104	PHC & Communication Skills	4
ESM 1105	Social Psychology and Medical Ethics	3
	<b>TOTAL</b>	<b>10</b>
<b>Semester II</b>		
SST 1201	Basic Principles in SLT and Communication Disability	5
SLT 1202	Observation and Assessment	3
SLT 1203	Development of Communication	4
SLT 1204	Introduction to Linguistics	4
	<b>TOTAL</b>	<b>16</b>

### Recess term

This will be used partially for research and for a clinical placement. Students will be expected to report back on their clinical placement with a written report signed by the placement superior who will have appended any comments as he/she will see appropriate.

Course Code	Course	CU
SLT 1301	Computing	2
SLT 1302	Preparation for Clinical Placements	3
SLT 1303	COBES	4
	<b>TOTAL</b>	<b>9</b>
	<b>TOTAL YEAR I</b>	<b>43</b>
<b>Year II: Semester I</b>		
Course Code	Course	CU
ERM2101	Research Methods	4
EMA 2102	Management and Administration	4
SLT 2103	Psychology for SLT	4
SLT 2104	Speech and Language delay/disorder	4
SLT 2105	Anatomy and Physiology for SLTs	3
	<b>TOTAL</b>	<b>19</b>
<b>Semester II</b>		
SLT 2208	Acquired Neurological Disorders	5
SLT 2202	Learning Difficulties (Including Autistic Spectrum Disorders)	4
SLT 2203	Physical Difficulties	4
SLT 2204	Linguistic Analysis	3
SLT 2205	Voice and Laryngectomy	3
	<b>TOTAL</b>	<b>19</b>
<b>Recess Term</b>		
SLT 2302	Research Project	4
SLT 2303	COBES	4
	<b>TOTAL</b>	<b>8</b>
	<b>TOTAL YEAR 2</b>	<b>46</b>