

# Program Specification 2023

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## 1. Basic Information

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Program Title (according to what is stated in the bylaw):	Bachelor of Medicine & Surgery (MBBCH)
Total number of points of the program:	320 Points
Number of academic years/levels (expected program duration):	5
Department (s) Participating (if any) in teaching the program:	19
Faculty/Institute:	Medicine
University/Academy:	Merit
Program majors/divisions/tracks/specialties in the final year (if any):	
Partnerships with other parties and the nature of each (if any):	
Name of the program coordinator (attach the assignment decision):	Prof. Noha Hamed
Program Specification Approval Date:	10/7/2023
Council responsible for Program Specification Approval (Attach the Decision / Minutes):	

## 2. Program Aims (Brief description of the overall purpose the program)

The program aims to prepare graduates to promote health and well-being while upholding medical ethics and Egyptian laws. It equips students with the skills and experience needed for safe, patient-centered care and professional conduct. Students are trained to address common health issues in Egypt and build strong physician-patient relationships. Teamwork and collaboration are emphasized throughout the program. It also introduces students to the healthcare system and provides leadership and management skills. Community involvement and development are key components. Lastly, students gain research skills to support postgraduate education and scientific engagement.

Requirement Category/Type		Number of Courses	Number of Credit Hours/P oints	Percentage from the total number of hours/points
University Requirements		4	0	0
Faculty/College Requirements (if applicable)		-	-	-
Program Requirements		-	-	-
Requirements of the majors/ divisions/ tracks/ specializations in the final year (if any)				
Other requirements	Field Training			
	Graduation Project	-----		
	Mandatory training year	2 years as house officer		
	Other (to be mentioned)	-----		
Total Compulsory Courses		38	311	97.8
Elective Courses		3	9	2.8
Total		41	320	100

### 3. Program Structure (Curriculum)

- 3. Program Components

#### 3.a- Program duration:

The duration of the M.B.B.CH program is 5 academic years (10 semesters) followed by Two years clinical training as house officers.

#### 3-B- Program structure:

According to credit points: consist of (41) courses (320 credit points).

A. Compulsory courses: (38 course 311 credit points)

B. Elective courses: ( 3 courses 9 credit points)

#### The academic years divided into two phases

##### I- Pre-clinical phase: (150 points)

Level 1: First semester: 17 weeks (30 points)

Second semester: 16 weeks (30 point)

Level 2: Third semester: 19 weeks (30 points)

Fourth semester: 18 weeks (30 point)

Level 3: Fifth semester: 18 weeks (30 points)

##### II- Clerkship phase: (170 points)

Level 3: Sixth semester: 18 weeks (30 points)

Level 4: Seventh semester: 22 weeks (35 points)

Eighth semester: 21 weeks (35 points)

Level 5: Ninth semester: 22 weeks (35 points)

Tenth semester: 20 weeks (35 points)

• Program courses according to the expected study plan

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours/ Points	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
الاول	فصل دراسي اول	PSM-101	Principles of studying medicine	اجباري	كلية	1.5	13	6	
الاول	فصل دراسي اول	PMS-102	Principles of microscopic and macroscopic	اجباري	كلية	12	10	6	4
الاول	فصل دراسي اول	CBF-103	Cell biology and function	اجباري	كلية	12	10	6	4
الاول	فصل دراسي اول	PPS-132	Patient, physician & society	اجباري	كلية	4.3	2	2	-
الاول	فصل دراسي اول	UNI-1	English-1	اختياري	جامعة	0	1	-	-
الاول	فصل دراسي ثاني	INI-105	Infection and immunity	اجباري	كلية	12	10	6	4
الاول	فصل دراسي ثاني	MPT-104	Mechanism and principles of diseases & therapy	اجباري	كلية	12	10	6	4
الاول	فصل دراسي ثاني	IPC-133	Introduction to patient care	اجباري	كلية	4	2	2	-
الاول	فصل دراسي ثاني	ELE-1	Infection control	اختياري	كلية	2	2	-	-
الاول	فصل دراسي ثاني	UNI-2	English-2	اختياري	جامعة	0	1	-	-

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours/ Points	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
الثاني	فصل دراسي اول	CVS-206	Cardiovascular system	اجباري	كلية	10	10	6	2
الثاني	فصل دراسي اول	RES-209	Respiratory system	اجباري	كلية	7	10	6	2
الثاني	فصل دراسي اول	URI-205	Urinary system	اجباري	كلية	5	12	6	2
الثاني	فصل دراسي اول	HEM-210	Hematology, blood & lymph system	اجباري	كلية	6	10-12	6	2
الثاني	فصل دراسي اول	IPC-234	Introduction to patient care 2	اجباري	كلية	2	1	1	-
الثاني	فصل دراسي اول	UNI-3	اساسيات تكنولوجيا المعلومات	اجباري	جامعة	0	2	-	-
الثاني	فصل دراسي ثاني	SMU-208	Skin & musculoskeletal system	اجباري	كلية	10	10	6	2
الثاني	فصل دراسي ثاني	GIT-207	GIT, Gastrointestinal system	اجباري	كلية	10	10	6	2
الثاني	فصل دراسي ثاني	HIC-211	Health & illness in the community	اجباري	كلية	6	10	8	-
الثاني	فصل دراسي ثاني	IPC-235	Introduction to patient care 3	اجباري	كلية	4	2	2	-
الثاني	فصل دراسي ثاني	UNI-4	السكان والبيئة و حقوق الانسان	Choose an item.	جامعة	0	2		

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours/ Points	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
الثالث	فصل دراسي اول	ERD-313	Endocrinology, /Reproduction & Development	اجباري	كلية	14.5	10	6	2
الثالث	فصل دراسي اول	NEU-312	Neurosciences	اجباري	كلية	12.5	10-12	6	2
الثالث	فصل دراسي اول	EBM-336	Evidence based medicine- Fundamentals	اجباري	كلية	1.5	1.5		
الثالث	فصل دراسي اول	IDP-337	Investigation and Discovery/Scholarly project Epidemiology and data management	اجباري	كلية	1.5	1.5		
الثالث	فصل دراسي ثاني	MED-314	Medicine 1	اجباري	كلية	11	10	6	4
الثالث	فصل دراسي ثاني	SUR-315	Surgery 1	اجباري	كلية	11	10	6	4
الثالث	فصل دراسي ثاني	FMT-316	Forensic medicine and toxicology	اجباري	كلية	6	2	2	
الثالث	فصل دراسي ثاني	ELE 2		اختياري	كلية	2	2	-	-

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours/ Points	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
الرابع	فصل دراسي اول	OBG-418	Gynecology & obstetrics	اجباري	كلية	17	10	6	4
الرابع	فصل دراسي اول	PED-419	Pediatrics	اجباري	كلية	17	10	6	4
الرابع	فصل دراسي ثاني	MTR-317	Medicine II	اجباري	كلية	15	10	6	4
الرابع	فصل دراسي ثاني	PYS-420	Psychiatry	اجباري	كلية	4	8	4	4
الرابع	فصل دراسي ثاني	SUR-421	Surgery II	اجباري	كلية	4	8	4	4
الرابع	فصل دراسي ثاني	ELE 3	Elective 3	اختياري	كلية	5	2	-	-
الرابع	فصل دراسي ثاني	FAM-422	Family medicine	اجباري	كلية	3	8	4	6
الرابع	فصل دراسي ثاني	RMS-424	Research methodology and basic statistics	اجباري	كلية	4	8	8	

Academic Level	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Hours/ Points	Number of Weekly Hours		
							Theoretical teaching	Practical training	Other
الخامس	فصل دراسي اول	OPH-523	Ophthalmology	اجباري	كلية	11	10	6	4
الخامس	فصل دراسي اول	ENT-524	Ear, Nose & Throat	اجباري	كلية	7	10-12	6	4
الخامس	فصل دراسي اول	SSS-526	Surgery 3	اجباري	كلية	17	10	6	4
الخامس	فصل دراسي ثاني	SUR-529	Surgery 4	اجباري	كلية	12	8-10	6	4
الخامس	فصل دراسي ثاني	MCI-525	Medicine 3	اجباري	كلية	6	8-10	6	4
الخامس	فصل دراسي ثاني	MND-530	Medicine 4	اجباري	كلية	6	8-10	6	4
الخامس	فصل دراسي ثاني	MCC-531	Medicine 5	اجباري	كلية	6	8-10	6	4
Choose an item.	فصل دراسي ثاني	FAM-539	Family medicine	اجباري	كلية	3	2		

#### 4. Academic Standards

- Adopted Academic Standards (NARS/ARS): NARS
- Date of Adoption of Standards in the governing Council: 9/16/2023
- \* Decision/Minutes of the governing Council to be attached

## 5. Matrix of Academic Standards (Program Outcomes POs) with Courses

Course Code	Area 1: The Graduate as a Health Care Provider																
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17
PSM-101	✓																
PMS-102		✓		✓													
CBF-103																	
MPT-104								✓	✓								
INI-105								✓									
PPS -132		✓		✓							✓	✓		✓			
IPC-133	✓			✓								✓					
URI-205								✓									
CVS-206								✓									
GIT-207								✓									
SMU-208						✓		✓	✓	✓						✓	
RES-209	✓			✓	✓	✓	✓	✓			✓						
HEM-210						✓		✓			✓						
HIC-211																	
IPC-234	✓			✓	✓							✓		✓			
IPC-235	✓			✓	✓					✓	✓	✓					
NEU-312						✓	✓		✓	✓						✓	
ERD-313								✓									
EBM-336									✓				✓				
IDP-337	✓																
MED-314	✓	✓		✓	✓	✓	✓			✓		✓	✓	✓	✓	✓	✓
SUR-315	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		
FMT-316	✓					✓	✓				✓	✓		✓			
MTR-417	✓			✓		✓		✓					✓		✓		
OBG-418	✓	✓		✓	✓	✓		✓			✓	✓	✓	✓	✓		
PED-419	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PSY-420	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓		✓	
SUR-421	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓		✓	✓	✓
FAM-422	✓	✓	✓		✓												
OPH-523	✓	✓		✓		✓	✓	✓									
ENT-524	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓		
MCI-525	✓					✓				✓	✓		✓				
SSS-526	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		
ORTH-527	✓	✓		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓			
URO-528	✓			✓		✓				✓	✓			✓			
SUR-529a	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		
SUR-529b	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		
MND-530	✓	✓		✓		✓			✓	✓			✓			✓	
MCC-531	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		
FAM-539	✓	✓	✓	✓	✓	✓											

Course Code	Area 2: The Graduate as a Health Promoter								
	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
PSM-101									
PMS-102									
CBF-103									
MPT-104									
INI-105									✓
PPS-132									✓
IPC-133									✓
URI-205									✓
CVS-206			✓						
GIT-207			✓						
SMU-208			✓	✓	✓	✓			✓
RES-209			✓						✓
HEM-210	✓		✓	✓		✓			
HIC-211	✓	✓	✓	✓	✓	✓	✓	✓	
IPC-234									✓
IPC-235									✓
NEU-312				✓	✓	✓			
ERD-313				✓	✓	✓			✓
EBM-336									
IDP-337	✓								
MED-314						✓		✓	
SUR-315									
FMT-316			✓	✓		✓			
MTR-417			✓						
OBG-418			✓	✓	✓	✓	✓		✓
PED-419							✓		✓
PSY-420			✓	✓	✓	✓	✓		
SUR-421			✓	✓	✓	✓	✓		✓
FAM-422		✓	✓	✓		✓			
OPH-523			✓			✓			
ENT-524					✓	✓			✓
MCI-525									✓
SSS-526			✓		✓	✓			✓
ORTH-527			✓		✓	✓			✓
URO-528			✓	✓					✓
SUR-529a			✓		✓	✓			✓
SUR-529b			✓		✓	✓			✓
MND-530				✓					
MCC-531			✓		✓	✓			✓
FAM-539									

Course Code	Area 3: The Graduate as a Professional								
	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
PSM-101									
PMS-102	✓	✓							
CBF-103									
MPT-104	✓	✓							
INI-105	✓								✓
PPS -132	✓	✓	✓	✓	✓	✓	✓		✓
IPC-133	✓	✓		✓					
URI-205	✓								✓
CVS-206									
GIT-207									
SMU-208	✓	✓	✓						
RES-209	✓								
HEM-210									
HIC-211	✓		✓						
IPC-234	✓	✓	✓	✓	✓				
IPC-235	✓	✓	✓	✓	✓				
NEU-312	✓							✓	✓
ERD-313	✓							✓	✓
EBM-336								✓	✓
IDP-337	✓								
MED-314	✓	✓	✓	✓	✓			✓	✓
SUR-315	✓	✓	✓	✓	✓			✓	✓
FMT-316	✓	✓	✓	✓	✓			✓	✓
MTR-417	✓							✓	
OBG-418	✓	✓		✓	✓		✓	✓	✓
PED-419	✓	✓	✓	✓	✓		✓		✓
PSY-420	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUR-421	✓	✓	✓	✓	✓	✓	✓	✓	✓
FAM-422					✓				
OPH-523	✓		✓	✓					
ENT-524	✓		✓	✓	✓	✓	✓	✓	✓
MCI-525	✓				✓	✓		✓	✓
SSS-526	✓		✓	✓	✓	✓	✓	✓	✓
ORTH-527	✓		✓	✓	✓	✓	✓	✓	
URO-528	✓		✓	✓	✓	✓	✓	✓	✓
SUR-529a	✓		✓	✓	✓	✓	✓	✓	✓
SUR-529b	✓		✓	✓	✓	✓	✓	✓	✓
MND-530									
MCC-531	✓		✓	✓	✓	✓	✓	✓	✓
FAM-539	✓	✓	✓		✓	✓	✓	✓	✓

Course Code	Area 4: The Graduate as a Scholar and Scientist							
	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
PSM-101								
PMS-102	✓	✓	✓	✓			✓	
CBF-103	✓	✓			✓	✓		✓
MPT-104		✓	✓		✓			✓
INI-105	✓				✓			✓
PPS 1A-132								
IPC-133								
URI-205	✓				✓			✓
CVS-206	✓	✓	✓		✓	✓	✓	✓
GIT-207	✓	✓	✓		✓	✓	✓	✓
SMU-208	✓		✓		✓	✓	✓	
RES-209	✓	✓			✓	✓	✓	✓
HEM-210		✓			✓	✓		✓
HIC-211								
IPC-234								
IPC-235								
NEU-312	✓	✓	✓					
ERD-313	✓	✓	✓		✓	✓	✓	
EBM-336								
IDP-337	✓							
MED-314			✓		✓			✓
SUR-315						✓	✓	
FMT-316	✓	✓	✓	✓		✓	✓	✓
MTR-417								
OBG-418	✓	✓			✓		✓	✓
PED-419	✓		✓					
PSY-420					✓	✓	✓	
SUR-421	✓	✓	✓		✓	✓	✓	
FAM-422	✓	✓						
OPH-523	✓	✓						
ENT-524					✓		✓	✓
MCI-525	✓				✓	✓		✓
SSS-526					✓		✓	✓
ORTH-527					✓		✓	✓
URO-528					✓		✓	✓
SUR-529a					✓		✓	✓
SUR-529b					✓		✓	✓
MND-530								
MCC-531					✓		✓	✓
FAM-539	✓	✓	✓		✓	✓	✓	✓

Course Code	Area 5: The Graduate as a Member of the Health Team and Health Care System											
	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10	5.11	5.12
PSM-101					✓							
PMS-102				✓	✓							
CBF-103												
MPT-104				✓	✓	✓						
INI-105			✓			✓						
PPS 1A-132	✓	✓	✓	✓	✓							
IPC-133					✓							
URI-205			✓			✓						
CVS-206			✓		✓							
GIT-207			✓		✓							
SMU-208			✓	✓		✓						
RES-209		✓	✓	✓	✓	✓						✓
HEM-210												
HIC-211	✓	✓	✓	✓	✓	✓	✓	✓			✓	
IPC-234		✓	✓	✓	✓	✓						✓
IPC-235		✓	✓	✓	✓	✓						✓
NEU-312												
ERD-313			✓			✓						
EBM-336												
IDP-337												
MED-314	✓		✓		✓	✓						
SUR-315	✓		✓		✓	✓				✓		
FMT-316	✓	✓	✓		✓					✓		
MTR-417						✓						
OBG-418	✓	✓	✓	✓	✓		✓		✓	✓		✓
PED-419	✓		✓			✓	✓		✓	✓		
PSY-420	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
SUR-421	✓	✓			✓	✓	✓			✓		✓
FAM-422												
OPH-523		✓								✓		
ENT-524	✓	✓	✓	✓	✓	✓	✓		✓			✓
MCI-525	✓	✓	✓		✓	✓	✓		✓	✓		
SSS-526	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
ORTH-527	✓	✓	✓	✓	✓		✓			✓		✓
URO-528	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
SUR-529a	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
SUR-529b	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
MND-530												
MCC-531	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓
FAM-539											✓	

Course Code	Area 6: The Graduate as a Lifelong Learner and Researcher									
	6.1	6.2	6.3	6.4	6.5	6.6	6.7	6.8	6.9	6.10
PSM-101		✓	✓	✓		✓				
PMS-102	✓		✓			✓		✓		
CBF-103										
MPT-104	✓	✓	✓			✓				
INI-105	✓	✓	✓			✓				✓
PPS 1A-132										
IPC-133										
URI-205	✓	✓	✓			✓			✓	
CVS-206	✓	✓	✓			✓			✓	
GIT-207	✓	✓	✓			✓			✓	
SMU-208										
RES-209	✓	✓		✓						
HEM-210										
HIC-211	✓	✓	✓	✓						
IPC-234	✓	✓			✓	✓				✓
IPC-235	✓	✓			✓	✓				✓
NEU-312										
ERD-313	✓	✓	✓		✓					✓
EBM-336				✓				✓	✓	
IDP-337						✓				✓
MED-314	✓	✓								
SUR-315	✓	✓	✓							
FMT-316	✓	✓	✓							
MTR-417	✓			✓						✓
OBG-418	✓	✓	✓		✓		✓			
PED-419	✓	✓	✓	✓		✓		✓		✓
PSY-420	✓	✓	✓	✓	✓	✓				
SUR-421	✓	✓			✓					✓
FAM-422										
OPH-523					✓	✓				
ENT-524	✓	✓	✓	✓	✓		✓		✓	
MCI-525	✓	✓		✓		✓	✓		✓	
SSS-526	✓	✓	✓	✓	✓	✓		✓		
ORTH-527	✓	✓	✓							
URO-528	✓	✓	✓	✓		✓		✓		
SUR-529a	✓	✓	✓	✓	✓	✓		✓		
SUR-529b	✓	✓	✓	✓	✓	✓		✓		
MND-530										
MCC-531	✓	✓	✓	✓	✓	✓		✓		✓
FAM-539										

<b>Elective Course Code</b>	<b>Course Name (if available)</b>	<b>Academic Standards (NARS Code Only)</b>
ELE 1	Elective Course 1 (Year 1) Infection control	1.10, 2.2, 3.2, 5.3
ELE 2	Biostatistics (Year 3)	4.6, 6.4, 6.5
ELE 3	Principles of medical education (Year 4)	3.8, 6.1, 6.2, 6.6

## **6. Teaching and Learning strategies/methods to achieve Program Outcomes:**

**1-Lectures**

**2- Small group discussion**

**Practical/ clinical**

**Skill lab training**

**Flipped lectures**

**, Field training**

**Presentation**

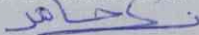
## **7. Student Assessment strategies/methods to verify and ensure students' acquisition of Program Outcomes:**

1. Formative (0%)
2. Summative
  2. A Mid block exam (20% from total marks)  
Consist of 75% multiple choice questions and 25% short essay questions.
  - 2.B- Final written exam (40% from total marks)  
Consist of 75% multiple choice questions and 25% short essay questions.
2. Practical (OSPE) / Clinical (30% of total mark).  
Clinical (OSCE),  
Consist of two
  - \* OSCE 1: Static OSCE (15%)
  - \* OSCE 2: Dynamic OSCE (15%)
- Portfolio (10% from total mark includes assignment, quiz, presentation and project)

## 8. Program Key Performance Indicators

No.	Performance Indicator	Target Level	Method	Measurement
1	Proportion of courses successfully achieving Intended Learning Outcomes (ILOs) and NARS competencies	100%	Course files and blueprint alignment review	Annual Quality Assurance Unit Report
2	Alumni are satisfied with the program's effectiveness and their readiness for medical practice	≥ 80%	Questionnaire, interviews	Annual Alumni Evaluation Report
3	Stakeholder (Employers) satisfaction with graduates' clinical competence and professional conduct	≥ 80%	Questionnaire, interviews	Annual Employer/Stakeholder Feedback Report
4	Student satisfaction rate regarding the curriculum, instructional methods, and clinical training	≥ 80%	End-of-semester electronic surveys	Statistical Survey Analysis
5	On-time graduation rate of students completing the 5-year academic program	≥ 85%	Institutional enrollment and examination records	Annual Program Report
6	Student passing rates in objective standardized clinical exams (OSCE/OSPE)	≥ 80%	Examination grading and blueprint weighting records	Exam Committee Statistical Report

Name & Signature  
Program Coordinator



Prof/ Noha Hamed Abdelgelil

Name & Signature  
Vice Dean for Education and Student Affairs

Prof/ Amal Abdel Fattah

