Faculty of Medicine, **Zagazig University** **Bachelor of Medicine & Surgery**	

Program Specification credit point bylaw 2023 (2026)

1. Basic Information

ProgramTitle (according to what is stated in the bylaw):	**Bachelor of Medicine and Surgery (MBBCH)**
Total number of credit points of the program:	**318 credit points**
Number of academic years/levels (expected program duration):	**5 academic years (10 semesters)**
Departments Participating in teaching the program:	**All faculty departments**
Faculty	**Faculty of Medicine**
University	**Zagazig University**
Program majors/divisions/tracks/specialities in the final year (if any):	**Not Applicable**
Partnerships with other parties and the nature of each (if any):	**Not Applicable**
Name of the program coordinator (attach the assignment decision):	**Vice Dean for Education and Student Affairs**
Program Specification Approval Date:	**9/17/2025**
Council responsible for Program Specification Approval (Attach the Decision / Minutes):	**Faculty Council**

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

The MBBCH undergraduate educational program, Faculty of Medicine, the Zagazig University aims to graduate competent, patient-centered physicians dedicated to maintaining health, promoting human well-being, and contributing to the development and empowerment of their community. Grounded in a strong foundation of professionalism and medical ethics, the program equips students to deliver safe, high-quality, patient-centered care, with a primary focus on primary health care and the effective management of common health problems within their community. Central to this mission is cultivating the essential doctor-patient relationship, alongside fostering the ability to work collaboratively within interprofessional healthcare teams while respecting individual roles and contributions. Furthermore, graduates are prepared to navigate and add value to the healthcare system by understanding its hierarchy and rules, utilizing sound managerial and leadership skills. Finally, the program instills a commitment to lifelong learning and continuous professional development, ensuring graduates are fully equipped to engage in advanced postgraduate education and scientific research.

3. Program Structure (Curriculum)

Program Components

Requirement Category/Type		Number of Courses	Number of Credit Hours/Points	Percentage from the total number of hours/points
University Requirements		1	1 credit points	0.31
Faculty/College Requirements (if applicable)			Not Applicable	
Program Requirements		33	317	99.68%
Requirements of the majors/ divisions/ tracks/specialisations in the final year (if any)			Not Applicable	
Other requirements	Field Training		Not Applicable	
	Graduation Project			
	Mandatory training year			

	Other (to be mentioned)			
Total Compulsory Courses		**33**	**280 CP**	**96.3%**
Elective Courses		**18**	**38 CP**	**3.7%**
Total		**51**	**318**	**100%**

- **Program courses according to the study plan**

8	**Semester**	**Course Code**	**Course Title**	**Course Type (Compulsory / Elective)**	**Requirement Category/ Type**	**Number of Credit Points**	**Number of Weekly Hours**			
								Theoretical teaching	**Practical training**	**Other/ self-learning**
الاول	فصل دراسي اول	UNI-101	حقوق الانسان	اجباري	جامعة	1	W 1	20	4	20
الاول	فصل دراسي اول	MED-102	Principles of medicine study & medical terminology	اجباري	كلية	2	Wk 2	18	6	20.5
الاول	فصل دراسي اول	MED-103	Basic Structure and Function	اجباري	كلية	12	1st 6 Wk. Wk 7	14 13	14 12	17 20
الاول	فصل دراسي اول	MED-104	Musculoskeletal &Integumentary systems	اجباري	كلية	12	1st 6 Wk. Week 7	14 13	14 12	17 20
الاول	فصل دراسي اول	MED-105	Professional practice I: Professionalism	اجباري	كلية	3	1st 10 WKs Wk 11	2 4	2 4	2 2
الاول	فصل دراسي ثاني	MED-106	Cardiopulmonary	اجباري	كلية	12	1st 6 Wk. Wk 7	14 13	14 12	17 20
الاول	فصل دراسي ثاني	MED-107	Digestive system & Nutrition	اجباري	كلية	12	1st 6 Wk. Wk 7	14 13	14 12	17 20
الاول	فصل دراسي ثاني	MED-108	Professional practice II: Basic clinical skills 1 6 hrs /week	اجباري	كلية	3	1st 10 Wks Wk 11	2 4	2 4	2 2

8	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Points	Number of Weekly Hours			
								Theoretical teaching	Practical training	Other/ self-learning
الاول	فصل دراسي ثاني	E-109	Student selected component (SSC) (elective) I	اختياري	كلية	3	1st 11 weeks Week 12	2 4.5	2 -	2 2
الثاني	فصل دراسي اول	MED-201	Endocrine & Reproductive systems	اجباري	كلية	12	1st 6 Wk. Week 7	14 13	14 12	17 20
الثاني	فصل دراسي اول	MED-202	Nervous system & Special senses	اجباري	كلية	12	1st 6 Wk. Week 7	14 13	14 12	17 20
الثاني	فصل دراسي اول	MED-203	Professional practice III: Basic clinical skills 2 & Infection control	اجباري	كلية	3	1st 10 weeks Week 11	2 4	2 4	2 2
الثاني	فصل دراسي اول	E-204	Student selected component (SSC) (elective) II	اختياري	كلية	3	1st 11 weeks Week 12	2 4.5	2 -	2 2
الثاني	فصل دراسي ثاني	MED-205	Urinary system	اجباري	كلية	6	1st 3 Wk. Week 4.	15 5 -	15 4 -	15 36
الثاني	فصل دراسي ثاني	MED-206	Principles of Diseases and Pharmacological Basis of Drug Therapy	اجباري	كلية	12	1st 6 Wk. Week 7	14 13	14 12	17 20
الثاني	فصل دراسي ثاني	MED-207	Systemic pathology and therapeutics I	اجباري	كلية	10.5	1st 5 Wk. Week 6.	15 10	15 9	15 26
الثاني	فصل دراسي ثاني	MED-208	Professional practice IV	اجباري	كلية	1.5	1st 10 weeks		2	1

8	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Points	Number of Weekly Hours			
								Theoretical teaching	Practical training	Other/ self-learning
			(Clinical communication skills & consultation				Week 11	2		2
الثالث	فصل دراسي اول	MED-301	Infection & immunity	اجباري	كلية	12	1st 6 Wk. Week 7	14 13	14 12	17 20
الثالث	فصل دراسي اول	MED-302	Systemic pathology and therapeutics II	اجباري	كلية	10.5	1st 5 Wk. Week 6. Week 7.	15 10 2.5	15 9 1.5	15 26 41
الثالث	فصل دراسي اول	MED-303	Professional practice V: medical ethics & legal responsibilities, clinical Communication skills & consultation, principles of primary health care (PHC) & Psychology and behavioral sciences	اجباري	كلية	4.5	1st 8 weeks Week 9 Week10,11,12, 13	2 3 3	3 3 4 4	4 4 4
الثالث	فصل دراسي اول	E-304	Student selected component (SSC) (elective) III	اختياري	كلية	3	1st 11 weeks	2	2	2
الثالث	فصل دراسي ثاني	MED-305	Community medicine	اجباري	كلية	10.5		3.5	7	5
الثالث	فصل دراسي ثاني	MED-306	Ophthalmology	اجباري	كلية	12		4	8	6
الثالث	فصل دراسي ثاني	MED-307	Forensic medicine &	اجباري	كلية	7.5		2	5.5	4

8	Semester	Course Code	Course Title	Course Type (Compulsory / Elective)	Requirement Category/ Type	Number of Credit Points	Number of Weekly Hours			
								Theoretical teaching	Practical training	Other/ self-learning
			clinical toxicology							
الرابع	فصل دراسي اول	MED-401	Pediatrics	اجباري	كلية	22.5		6	13.5	10.5
الرابع	فصل دراسي اول	MED-402	Medicine I	اجباري	كلية	12		2.5	8	4.5
الرابع	فصل دراسي ثاني	MED-403	Medicine II	اجباري	كلية	22.5		6.5	13	9.5
الرابع	فصل دراسي ثاني	MED-404	Family medicine	اجباري	كلية	7.5		2.5	4	3
الرابع	فصل دراسي ثاني	MED-405	Professional practice VI: Professionalism, Research methodology, basic statistics & Evidence based medicine)	اجباري	كلية	4.5		2	2	2
الخامس	فصل دراسي اول	MED-501	Ear, Nose and throat (ENT)	اجباري	كلية	9		3.5	7	4.5
الخامس	فصل دراسي اول	MED-501	Surgery I	اجباري	كلية	22.5		6	13.5	10.5
الخامس	فصل دراسي اول	E-503	Student selected component (SSC) (elective) IV	اختياري	كلية	3	1st 11 weeks Week 12	2 4.5	2 -	2 2
الخامس	فصل دراسي ثاني	MED-504	Surgery II & emergency	اجباري	كلية	12		3.5	7	4.5
الخامس	فصل دراسي ثاني	MED-505	Obstetrics & gynecology	اجباري	كلية	22.5		5.5	14	10.5

4. Academic Standards

- **Adopted Academic Standards (NARS/ARS): NARS**
  Adoption of the competency-based National Academic Reference Standards (NARS) for the Medical Sector (2017 edition).
  Date of Adoption of Standards in the Governing Council: 9/9/2023
  *** Decision/Minutes of the governing Council to be attached**

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

Compulsory Courses	Competency Area I: The Graduate as a Healthcare 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
MED-102																	
MED-103																	
MED-104								*									
MED-105				*			*										
MED-106								*									
MED-107						*		*									
MED-108		*		*	*	*	*				*				*		
MED-201								*									
MED-202								*									
MED-203		*			*						*				*		
MED-205								*									
MED-206						*		*									
MED-207								*									
MED-208	*	*	*	*	*		*		*				*	*		*	
MED-301								*									
MED-302								*									
MED-303					*								*	*			
MED-305		*			*	*	*	*	*	*	*	*	*	*			
MED-306	*			*		*				*	*	*	*		*		
MED-307	*			*		*				*			*		*		
MED-401	*			*		*			*	*			*		*		
MED-402	*	*		*		*		*		*		*	*				
MED-403	*	*	*	*		*		*		*		*	*				
MED-404	*	*	*	*	*	*		*		*		*	*		*		

Compulsory Courses	Competency Area I: The Graduate as a Healthcare 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
MED-405									*								
MED-501	*	*		*	*	*	*	*	*	*	*	*	*	*	*		
MED-502	*	*		*	*	*	*	*	*	*	*	*	*	*	*		
MED-504	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	
MED-505	*	*		*	*	*	*	*	*	*	*	*	*	*			

Compulsory Courses	Competency Area II: The Graduate as a Health Promoter								
	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
MED-102									
MED-103									
MED-104			*						
MED-105		*							
MED-106									
MED-107			*						
MED-108									
MED-201									
MED-202									
MED-203	*	*							*
MED-205									
MED-206	*			*		*			*
MED-207									
MED-208		*					*		
MED-301				*		*			
MED-302				*		*			
MED-303	*	*		*					
MED-305	*	*	*	*	*	*	*	*	
MED-306				*	*				
MED-307			*	*	*	*	*	*	
MED-401			*		*				
MED-402							*		
MED-403			*				*		
MED-404		*	*	*	*	*	*	*	
MED-405									
MED-501		*	*	*	*	*	*		*
MED-502		*	*	*	*	*			*
MED-504		*				*			*

Compulsory Courses	Competency Area II: The Graduate as a Health Promoter								
	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
MED-505		*	*	*	*	*	*		*

Compulsory Courses (Name and code)	Competency Area III: The Graduate as a Professional								
	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
MED-102									
MED-103									
MED-104									
MED-105	*	*	*	*	*		*		
MED-106									
MED-107									
MED-108									
MED-201									
MED-202									
MED-203	*	*							*
MED-205									
MED-206									
MED-207									
MED-208	*		*	*	*			*	
MED-301									
MED-302									
MED-303					*	*		*	*
MED-305	*	*	*						
MED-306						*			
MED-307						*			
MED-401					*	*			
MED-402						*			
MED-403				*	*				
MED-404	*		*	*	*			*	
MED-405		*				*			*
MED-501	*	*	*		*	*		*	
MED-502	*	*	*		*	*		*	
MED-504	*	*			*	*		*	
MED-505	*	*	*		*	*		*	

Compulsory Courses	Competency Area IV: The Graduate as a Scholar and Scientist							
	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
MED-102	*	*						
MED-103	*	*						*
MED-104	*	*						*
MED-105								
MED-106	*	*						*
MED-107	*	*						*
MED-108								*
MED-201	*	*						*
MED-202	*	*						*
MED-203								*
MED-205	*	*						*
MED-206					*	*	*	*
MED-207					*	*	*	*
MED-208								
MED-301					*	*		*
MED-302					*	*	*	*
MED-303			*					
MED-305	*	*	*					
MED-306	*				*	*		*
MED-307					*	*	*	*
MED-401			*			*	*	
MED-402					*			*
MED-403					*			*
MED-404			*	*	*	*		*
MED-405								
MED-501					*	*	*	*
MED-502	*	*			*	*	*	*
MED-504	*	*			*	*	*	*
MED-505	*				*	*	*	*

Compulsory Courses	Competency Area V: *The graduate as member of the health team and a part of the 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**
MED-102												
MED-103												
MED-104												
MED-105	*	*	*	*			*					*
MED-106												
MED-107												
MED-108			*	*								
MED-201												
MED-202												
MED-203		*	*	*			*			*		
MED-205												
MED-206												
MED-207											*	
MED-208		*			*				*	*		
MED-301												
MED-302												
MED-303												
MED-305	*	*	*	*	*	*		*			*	
MED-306		*										
MED-307								*				
MED-401					*		*					
MED-402												
MED-403												
MED-404	*	*	*	*	*			*	*			
MED-405											*	
MED-501	*	*		*		*	*					
MED-502	*	*		*		*	*					
MED-504	*	*		*		*	*					
MED-505	*	*		*		*	*					

Compulsory Courses	Competency Area VI: *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**
MED-102										
MED-103										
MED-104										
MED-105	*	*	*	*	*	*				
MED-106										
MED-107										
MED-108										
MED-201										
MED-202										
MED-203										
MED-205										
MED-206	*	*		*		*				
MED-207	*	*	*							
MED-208	*					*			*	*
MED-301	*	*	*							
MED-302	*	*	*							
MED-303										
MED-305	*	*	*	*	*	*			*	
MED-306										
MED-307										
MED-401	*	*	*					*		
MED-402										
MED-403										
MED-404		*	*					*		
MED-405							*	*	*	*
MED-501	*		*							
MED-502	*	*	*							
MED-504	*	*	*							
MED-505	*		*	*						

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

Lectures

Case-Based Learning (CBL)

Team-Based Learning (TBL)

Flipped classroom

Bedside teaching

Clinical skills laboratories

Seminars and tutorials

E-learning platforms

Field visits and community-based learning

Projects and assignments

Peer-assisted learning

Role play

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

Periodic assessment

1. **Quizzes**
   - **Single** best answer questions (SBA),
   - Extended matching questions (EMQs), short essay questions (SAQ)
   - Modified essay questions (MEQ)
   - Structured essay questions (SEQ)
2. **Active learning assessment: Team-based learning (TBL), Flipped learning, field visits**:
   - Scoring rubric for flipped classroom
   - SBA, case scenarios for TBL.
   - Assignment-specific assessment criteria (e.g. calculated rates, presentations')
3. **Tutorial/ Practical assignment:** Practical Procedures (DOPS) Clinical skills (MiniCEx) Other Assignment output Portfolio DOPS checklist Scoring rubric Assignment specific assessment criteria Scoring rubric /assessment criteria

Final Eam:

1- Written exam

•Selective Response questions (e.g. Single best answer (SBA), Extended matching questions (EMQs))

•Constructive Response questions (e.g. short answer questions (SAQs), label a diagram, Modified Essay Questions, Structured essay questions)

2- Practical/Clinical exams

- Objective Structured Clinical Examination (OSCE) –
Objective Structured Practical Examination (OSPE)
- OSLAR: Objective structured Long Examination Record
- OSVE: Objective structured Video Examination - VOSCE: Video/ Virtual Objective
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8. Program Key Performance Indicators (if any)

No.	Performance Indicator	Target Level	Method	Measurement
1.	Student satisfaction rate	≥ 85	Surveys	Likert-scale questionnaires
2.	Pass and progression rates	≥ 90%	Academic records	Exam results database
3.	Employer/stakeholder feedback	≥ 75–85%	interviews	Structured questions

Name & Signature Program Coordinator	Name & Signature Vice Dean for Education and Student Affairs

Mapping of Skills mentioned in NARS achieved in 2023 bylaws

Skill	Semester	Module	Teaching methods	Assessment methods
A- Physical examination				
Measuring body temperature	S7	MED 402	Clinical	OSCE (clinical station with observer)
Measuring pulse rate, respiratory rate and blood pressure	S2 S7	MED 106 MED 402	Clinical Practical	OSCE (clinical station with observer)
Anthropometric Measurements and assessment of nutritional status	S7	MED 401	Clinical	OSCE (clinical station with observer)
Chest examination	S7	MED 401 MED 402	Clinical	OSCE (clinical station with observer)
Heart examination	S7	MED 401 MED 402	Clinical	OSCE (clinical station with observer)
Abdominal examination	S7 S7	MED 401 MED 402	Clinical, virtual simulation	OSCE (clinical station with observer)
Locomotor system examination	S10	MED 504	Clinical	OSCE (clinical station with observer) Data interpretation skills
Nervous system examination	S7 S7	MED 401 MED 403	Clinical	OSCE (clinical station with observer) Data interpretation skills
Examination of the jugular veins	S7	MED 402	Clinical	OSCE
Ear examination	S9	MED 501	Clinical	OSCE (clinical station with observer) Data interpretation skills
Throat examination	S9	MED 501	Clinical	OSCE (clinical station with observer) Data interpretation skills
External Eye and fundus examination	S6	MED 306	Clinical	Pole player with observer)
Breast examination	S9	MED 502	Virtual simulation	Data interpretation skills
Examination of the thyroid	S7 S9	MED 403 MED 502	Clinical	OSCE (clinical station with observer)

Lymph nodes examination	S7 S8 S9	MED 401 MED 403 MED 502	Clinical	OSCE (clinical station with observer)
PV examination	S9	MED 502	Virtual	Data interpretation skills
Assessment of uterine fundus level in pregnancy	S10	MED 505	Skill lab, Virtual simulation	Data interpretation skills
PR examination	S9	MED 502	Skill lab	OSCE (practical station with observer)
Examining lumps	S9	MED 502	Clinical	OSCE (clinical station with observer)
B- Basic diagnostic & intervention procedures				
Performing venipuncture and collecting blood samples	S8	MED 403	Virtual simulation	Data interpretation skills
Inserting a cannula into peripheral veins	S2	MED 108	Skill lab	OSCE (practical station with observer)
Establishing peripheral intravenous access and setting up an infusion; use of infusion devices	S2	MED 108	Skill lab	OSCE (practical station with observer)
Giving intramuscular, subcutaneous, intradermal and intravenous injections	S2	MED 108	Skill lab	OSCE (practical station with observer)
Suturing of superficial wounds.	S3	MED 203	Skill lab	OSCE (practical station with observer)
Performing cardiopulmonary resuscitation and basic life-support	S2	MED 108	Skill lab	OSCE (practical station with observer)
Performing and interpreting basic bedside laboratory tests	S7 S8	MED 402 MED 403	clinical	Data interpretation skills
Performing and interpreting ECG	S2 S7	MED 106 MED 402	Practical Clinical	Data interpretation skills
Managing an electrocardiograph (ECG) monitor	S2 S7	MED 106 MED 402	Practical Clinical	Data interpretation skills
Taking swabs for different diagnostic purposes	S3	MED 203	Virtual simulation	Data interpretation skills

Using a nebulizer for administration of inhalation therapy	S7	MED 402	Clinical	Data interpretation skills
Performing male and female bladder catheterization	S9	MED 502	Skill lab	OSCE (practical station with observer)
Administering basic oxygen therapy	S2	MED 108	Practical	Data interpretation skills
Wound care and basic wound dressing	S3	MED 203	Virtual simulation	Data interpretation skills
Managing Blood transfusion	S8	MED 403	Virtual simulation	Data interpretation skills
Inserting a nasogastric tube.	S3	MED 203	Skill lab	OSCE (practical station with observer)
Administering local anesthetics	S10	MED 504	Virtual simulation	Data interpretation skills
Performing the procedure of normal labor	S10	MED 505	Virtual simulation	Data interpretation skills
C- Practical skills				
Dissecting the different parts and organs of the human body	S1 S1 S2 S2 S3 S3 S4	MED 103 MED 104 MED 106 MED 107 MED 201 MED 202 MED 205	Practical	Data interpretation skills
Performing Biochemical and microscopic urine and stool analysis	S1 S2 S2 S3 S4	MED 103 MED 106 MED 107 MED 201 MED 205	Virtual simulation	Data interpretation skills
Performing basic biochemical blood tests	S1 S2 S2 S3 S4	MED 103 MED 106 MED 107 MED 201 MED 205	Practical Virtual simulation	Data interpretation skills

Preparing urine and stool specimen for microscopic examination	S1	BMS DD 1-1	Virtual simulation	Data interpretation skills
Identification of parasites and parasitic ova under the microscope	S1	BMS DD 1-1 BMS DI 1-1	Practical	Data interpretation skills
Identification of different normal tissue sections under the microscope	S1 S1 S2 S2 S3 S3 S4	MED 103 MED 104 MED 106 MED 107 MED 201 MED 202 MED 205	Practical	Data interpretation skills
Identification of different pathological alterations in tissue sections under the microscope	S4 S4 S5	MED 206 MED 207 MED 302	Practical	Data interpretation skills
Identification of gross pathological alterations in different body organ specimens	S4 S4 S5	MED 206 MED 207 MED 302	Practical	Data interpretation skills
Determining blood group and performing cross matching and comptability tests	S1	MED 103	Practical	Data interpretation skills
Preparing and examining blood films and assessing hemoglobin value in a blood sample	S1	MED 103	Practical	Data interpretation skills
Obtaining and handling a blood sample for culture	S4	MED 207	Practical	Data interpretation skills
Performing and interpreting basic respiratory function tests.	S2 S7	MED 106 MED 402	Practical	Data interpretation skills