

أداة مراجعة توصيف برنامج

* المؤسسة: كلية الطب (جامعة الزقازيق)

* البرنامج: بكالوريوس الطب والجراحة (البرنامج التقليدي)

* العام الدراسي: 2021-2018

* تاريخ اعتماد التوصيف من مجلس المؤسسة: لم يذكر

تعليقات	الاستيفاء		العنصر	
	لا	نعم		
<p>○ مسمي بعض الأقسام غير متطابق مع اللائحة مثل:</p> <p><input checked="" type="checkbox"/> Pharmacology</p> <p><input checked="" type="checkbox"/> Community, Environmental and Occupational Medicine</p> <p><input checked="" type="checkbox"/> Dermatology</p> <p><input checked="" type="checkbox"/> Rheumatology and rehabilitation</p> <p><input checked="" type="checkbox"/> Anaesthesiology</p> <p><input checked="" type="checkbox"/> Diagnostic Radiology</p> <p>○ تاريخ تبني المعايير NARS 2017 غير مكتمل</p> <p>○ تاريخ اعتماد البرنامج غير مكتمل</p>	✓		استيفاء المعلومات الأساسية اسم وتاريخ إقرار البرنامج (بالمقارنة بما ورد باللائحة الداخلية)	1
		✓	صياغة الأهداف العامة للبرنامج واضحة وتسهم في استيفاء مواصفات الخريج	2
		✓	نواتج التعلم تغطي جميع مجالات التعلم المعرفية والمهارية	3
		✓	المعرفة والفهم	الصياغة سليمة SMART، والأفعال الأدائية تناسب المخرجات لكل مجال وقابلة للتحقق والقياس
<p>○ 3.5 & 3.13 are better to be merged together</p> <p>○ 3.11 & 3.16 are better to be merged together</p>		✓	المهارات الذهنية	
<p>○ 2.2 & 2.3 are better to be merged</p> <p>○ 2.21, 2.23 & 2.24: Show is better to be replaced by action verb</p> <p>○ 2.29: action verb is missing</p> <p>○</p>		✓	المهارات العملية والمهنية	
<p>○ 4.1 & 4.4 are better to be merged together.</p> <p>○ 4.10: Professional skill. Better to be merged with 2.15</p> <p>○ 4.13, 4.19, 4.24, 4.26 & 4.35: action verb is missing</p>		✓	المهارات العامة	
		✓	المعايير الأكاديمية للبرنامج (NARS or ARS)	4
			<p>- محددة</p> <p>- تتحقق من خلال مخرجات البرنامج التعليمية المذكورة بالتوصيف (فحص المصفوفة)</p>	
		✓	العلامات المرجعية للبرنامج محددة Benchmarks (إن وجدت)	5

6	هيكل ومكونات البرنامج، بالمقارنة مع اللائحة: - مدة البرنامج محددة - هيكل البرنامج محدد: ساعات معتمدة / نقاط معتمدة / فصول دراسية/سنة دراسية - عدد الساعات / الوحدات محددة: نظري - عملي - أجمالي - النسب المئوية للمقررات المختلفة ((ان وجد وتبعاً لللائحة) - التدريب الميداني محدد (ان وجد وتبعاً لللائحة)	✓	
7	مقررات البرنامج - محددة لكل فصل/سنة/مستوى(بالمقارنة مع اللائحة الداخلية) - تحقق مخرجات البرنامج التعليمية المذكورة بالتوصيف (فحص المصفوفة).	✓	<ul style="list-style-type: none"> لم يذكر الحاسب الآلي ضمن مقررات الفرقة الأولى: 30 ساعة. مراعاة تطابق مدة الدراسة الإكلينيكية باللائحة مع ما ورد بالبرنامج (اسابيع وليس ساعات) لم يذكر دراسة الباثولوجيا الإكلينيكية لم يتم تحديد الساعات (الأسابيع) العملية والنظرية لكل تخصص من الباطنة والجراحة الخاصة طبقاً لللائحة عدد الساعات النظرية في الجراحه العامة والجراحة الخاصة غير مطابق لللائحة (216 وليس 252).
8	متطلبات الالتحاق بالبرنامج (بالمقارنة مع اللائحة الداخلية).	✓	
9	القواعد المنظمة لاستكمال البرنامج (بالمقارنة مع اللائحة الداخلية).	✓	
10	طرق التدريس والتعلم بالبرنامج: - مناسبة وكافية لتحقيق نواتج التعلم - يذكر بالتعليق الطرق الغير نمطية ان وجدت(بالإضافة للمحاضرات والتدريب العملي والميداني) ومدى اتساقها مع ما هو مذكور بتوصيف المقررات ومدى تحققها وتنفيذها من خلال ملاحظات ومقابلات الزيارة	✓	لم يتم الإشارة الي طرق التدريس او عن وجود طرق غير نمطية او لا
11	- طرق وقواعد التقييم بالبرنامج: - متنوعة - تتناسب وتحقق نواتج التعلم - يذكر بالتعليق الطرق الغير نمطية ان وجدت(بالإضافة للنظري والعملي والشفهي) ومدى اتساقها مع ما هو مذكور بتوصيف المقررات ومدى تحققها وتنفيذها من خلال ملاحظات ومقابلات الزيارة.	✓	<ul style="list-style-type: none"> لم يتم الإشارة الي وجود طرق غير نمطية او لا وكذلك: Field visit assessment اعمال السنة الدرجة النهائية للطب الشرعي والسموم الإكلينيكية 300 درجة وفقاً لللائحة وليس 200
12	طرق تقويم البرنامج: - متنوعة - الوسيلة محددة (استقصاء رأي، مقابلة، تقرير،).	✓	محدد اعداد والأفضل تحديد نسبة من الكل (20%) مثلاً.
13	اعتماد التوصيف: - المسؤول عن البرنامج - التوقيع - التاريخ	✓	
14	مرفقات: - عند تبني (ARS): يرفق ARS + مصفوفة اتساق بين (NARS) & (ARS) - مصفوفة نواتج التعلم للبرنامج مع المعايير الأكاديمية - مصفوفة المقررات مع نواتج التعلم للبرنامج	✓	مصفوفة نواتج التعلم للبرنامج مع المعايير الأكاديمية (2017) للتدقيق والمراجعة

ملحوظة: لم يرفق تقرير البرنامج بعد لعدم اكتمال امتحانات الفرقة السادسة للعام الدراسي 2019/2018

* الأستاذ الدكتور المراجع:
د/ زينب نبيل احمد سعيد

* التاريخ: 2019/12/6

تقرير عام عن مراجعة توصيف المقررات لبرنامج بكالوريوس الطب والجراحة التقليدي

كلية الطب- جامعة الزقازيق

تم مراجعة توصيف بعض المقررات لجميع الفرق الدراسية (التشريح الأدمي وعلم الأجنة- الفسيولوجي- الميكروبيولوجي- طب وجراحة العيون- الباطنة العامة وفروعها – التوليد وامراض النساء) وقد تم بذل كثير من الجهد لإخراج التوصيف مكتملة الأركان طبقا لمتطلبات الهيئة القومية لضمان جودة التعليم والاعتماد والتزمت جميع التوصيفات بذلك إلا انه قد لوحظ تكرار ما يلي في معظم توصيف المقررات:

- عدم اتساق بيانات المقرر من حيث عدم مطابقة مسمي القسم لما ورد باللائحة لبعض الأقسام(ذكر ذلك في مراجعة توصيف البرنامج).
- عدم ذكر إجمالي عدد الساعات النظرية / العملية في التوصيف بالمقارنة مع اللائحة الداخلية/ توصيف البرنامج
- عدم تطابق مصفوفة المخرجات المستهدفة للبرنامج وتلك الخاصة بتوصيف المقررات، ولذلك فهي تحتاج للمراجعة الدقيقة.
- عدم تواجد مصفوفة للتدريس والتعلم / للتقويم مع ILOS للمقرر لجميع المقررات
- لا توجد أي أساليب غير نمطية للتدريس والتعلم / للتقويم لمعظم المقررات ماعدا توصيف مقرر الباطنة العامة وفروعها والتوليد وامراض النساء.
- لم يذكر مجموع الدرجات في معظم المقررات لمطابقته باللائحة حيث يكفي بالنسبة المؤوية ماعدا قسم التوليد وامراض النساء.
- تاريخ اعتماد التوصيف لا بد ان يكون محددًا باليوم ولا يكفي بالشهر والسنة.
- صياغة قائمة الكتب والمراجع لا بد ان تشمل (عنوان الكتاب، المؤلفين، الناشر، الطبعة، تاريخ الإصدار).
- بعض الكتب والمراجع لا تتسم بالحدثة (اخر 5 سنوات)
- لم يتم الإفادة عن تقرير المقرر لجميع المقررات

الأستاذ الدكتور المراجع:

ا.د/ زينب نبيل احمد سعيد

2019/12/ 9



ZAGAZIG UNIVERSITY - FACULTY OF MEDICINE

**BACHELOR OF MEDICINE AND SURGERY
(MBBCh)
PROGRAM SPECIFICATIONS**

2018/2021



PROGRAM SPECIFICATIONS

A. Basic Information

Program Title:

Bachelor of Medicine and Surgery (M.B.B.Ch.)

Program type:

Single

Program duration:

Six years

Program coordinator:

..... Vice dean of student affair

يدكر الاسم :[Comment [N11]

External reviewer:

.....

Responsible Departments:

• Community, Environmental and Occupational Medicine

• Forensic Medicine and Clinical Toxicology

• Ophthalmology

• Ear, Nose and Throat

• Internal Medicine

• Chest

• Cardiology

• Neurology

• Tropical medicine

• Dermatology

• Clinical pathology

• Rheumatology and rehabilitation

• Psychiatry

• Paediatric medicine

• General Surgery

• Human Anatomy and Embryology

• Medical Physiology

• Histology and Cell Biology

• Medical Biochemistry

• Pharmacology

• Pathology

• Parasitology

• Microbiology and Medical Immunology

• Urology

• Neurosurgery

• Orthopaedics

• Cardiothoracic

• Anaesthesiology

• Diagnostic Radiology

• Obstetrics and Gynaecology

Approval Date:

--/--/20--

B. Specific Information

1. Program Aims:

Zagazig Faculty of Medicine undergraduate educational program, adopts the National Academic Reference Standards (NARS) for Medicine, issued by the National Authority for Quality Assurance and Accreditation in Education (NAQAAE) and aims at:

1. Graduating ***Professional Primary Health Care Providers*** who are qualified to:

a. Work to maintain normal health, and deal with common health problems in the society.

b. Be aware of the importance of a good doctor/patient relationship, and work to establish and maintain it.

c. Act in accordance with rules of medical ethics.

d. Display appropriate communication, clinical and practical skills.

e. Show appropriate attitudes and professional behavior

f. Be a lifelong learner.

g. Engage in post- graduate and research studies.

h. Practice basic administrative skills.

[Comment] طباً للأنحة: الصحة العامة
ب المجتمع

[Comment] Clinical طباً للأنحة
pharmacol

[Comment] طباً للأنحة
•Dermatology & Venerology

[Comment] الروماتيزم والتأهيل والطب
بيعي

[Comment] التخدير والعناية المركزة
راحية

[Comment] Radiology

[Comment] الجراحة

[Comment] يعتمد قبل المراجع الخارجي
ة اخري بعد الاعتماد



2. Fulfilling the community health requirements according to the most recent applications in medicine.
3. Collaboration with Ministry of Health (MOH) and other health and education facilities at the national, regional and international levels to develop a model of education combining the integrated and traditional curricula.

2. Intended Learning Outcomes (ILOs):

By graduation, students enrolled in **M.B.B.Ch. program at Zagazig Faculty of Medicine**, are expected to be able to:

1. Knowledge and Understanding (KU)

1.1 Describe normal Human Body including: Normal structure and function of the body (as an intact organism) and of each of its major systems; molecular, biochemical, and cellular mechanisms which are important in maintaining the body homeostasis.

1.2 identify the main developmental changes in humans; effect of growth, development and aging on the individual and his family; basics of normal and abnormal human behaviours.

1.3 Recognize altered structure and function of the body and its major systems that are seen in various diseases.

1.4 describe aetiology, pathogenesis, clinical features, diagnoses and complications of common and life threatening illnesses affecting the body and each of its major organ systems, presenting throughout the age spectrum.

1.5 Describe principles of management of common and life threatening illnesses including: Pharmacological and non-pharmacological basics; non-invasive and invasive intervention; basic pre- and post-operative care; pain relief and palliative care.

1.6 Describe Population Health and Health Systems including: The determinants of health, principles of disease prevention and early detection of common community health problems; principle and organization of National Health Care System.

1.7 describe the epidemiological principles of demography and biological variability; principles of disease surveillance and screening; communicable disease control and health promotion; population-based approaches to health care services and their role in improving medical practice and health promotion.

1.8 Identify basics of ethics as well as medico legal aspects of health problems, malpractice and common medical errors

1.9 Define the action, metabolism, therapeutic uses and toxic effects of drugs and the different methods of disease treatment and /or prevention

1.10 Recognize basics of patient's safety and safety procedures during practical and clinical years

1.11 Recall principles of clinical/practical audit

1.12 Describe measures for infection control.

1.13 Describe the bases of the different types of scientific research and research needs in the community

1.14 Recognize the role of nutrition and physical activity in health

Comment [N110]: Minor editing revision is required in term of grammar & structure

MBBCh : [Comment [N110]]



1.15 Recognize the economic, psychological, social, and cultural factors that interfere with well being

2. Practical/ professional skills

2.1 Perform basic sciences practical skills relevant to future practice as primary health care providers.

2.2 Take a structured, patient centred history

2.3 Record a structured, patient centered history

Better to be merged :[Comment [N1

2.4 Perform full physical examination of patients that is appropriate to age, gender, acute and chronic clinical conditions while being culturally sensitive.

2.5 Assess the mental state of the patient

2.6 Record patients data clearly and appropriately

2.7 Document clinical encounters in an accurate, complete, timely, and accessible manner, in compliance with regulatory and legal requirement

2.8 Implement management plans for common diseases and emergencies.

2.9 Write safe prescriptions of different types of drugs based on patient's weight, age and health condition

2.10 Provide first aid measures for injured and critically ill patients.

2.11 Consider one's own limitations of knowledge and skills and refer patients to appropriate health facility at the appropriate stage *House Officers should be able, under appropriate supervision, to:*

a. **Perform** venepuncture and collect blood samples

b. **Insert** a cannula into peripheral veins.

c. **Give** intramuscular, subcutaneous, intradermal and intravenous injections

d. **Suture** superficial wounds

e. **Display** competency in cardiopulmonary resuscitation and basic life-support

f. **Administer** compulsory childhood vaccines

g. **Perform** basic bedside laboratory tests in a skilful and safe manner, adapting to unanticipated findings or changing clinical circumstances

h. **Perform** ECG

i. **Administer** basic oxygen therapy

j. **Perform** basic respiratory function tests

k. **Use** a nebulizer for administration of inhalation therapy

l. **Insert** a nasogastric tube

m. **Insert** urinary catheter

n. **Perform** procedure of normal labour

2.12 Apply suitable measures for infection control



2.13 Provide care for specific groups including pregnant women, newborns and infants, adolescents and the elderly

2.14 **Maintain** an empathic and holistic approach to the patients and their problems.

2.15 **Respect** the choices and rights of patients (and/or their caretakers), especially regarding their medical care decisions

2.16 **Respect** the different cultural beliefs and values in the community they serve.

2.17 **Identify** the important role played by other health care professions in patients' management.

2.18 **Keep** to the national code of ethics issued by the Egyptian Medical Syndicate

2.19 **Distinguish** one's own limitations of knowledge and skills.

2.20 **Refer** patients to the appropriate health facility at the appropriate stage.

2.21 **Show** Ability to seek help when help is needed

2.22 **Counsel** patients and families suffering from different conditions.

2.23 **Show** commitment to the health needs of the community and society

2.24 **Show** balance between altruism (subordinating one's self interest to the interest of others) and one's personal needs

2.25 **Demonstrate** accountability to patients, society, and the profession

House Officers should be able, by the end of internship program, to:

2.26 **Ensure** confidentiality and privacy of patients' information.

2.27 **Treat** all patients respectfully and equally, without arrogance, rudeness or harassment, regardless of beliefs, culture, and behaviors

2.28 **Work** respectfully and cooperatively with other health care professions for effective patient management.

2.29 **Be** willing to share in all types of inter-professional activities including collaborative and shared learning

2.30 **Cope** adaptively with stresses likely to occur during the medical profession

2.31 **Respond positively** to constructive criticism

2.32 **Ensure** the cost effectiveness of health care management.

2.33 **Report** any physical or mental conditions related to himself, colleagues or any other person that might jeopardize patients' safety.

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by action v

Show is better to be replaced :[Comment [N1]
by action v

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by action v

Action verb is missing :[Comment [N1]

3. Intellectual Skills (IS)

3.1 **Integrate** basic biomedical science with clinical care

3.2 **Reason** deductively in solving clinical problems; he/she will be able to:-

- a. Recognize/Define clinical problems in provided case.
- b. Prioritize the problems.



- c. Interpret available information about the case including clinical data and results of investigation.
- d. Analyze clinical problems in the light of results of history, physical examination and investigations.
- e. Evaluate available information objectively, recognizing its limitations.

3.3 Seek out information independently.

3.4 Reach independent judgment by analytical and critical problem solving

3.5 Integrate the results of history, physical and laboratory test findings into a meaningful diagnostic formulation.

3.13 :من الأفضل ان تضم مع [N1]

3.6 Construct appropriate management strategies for patients with common diseases, both acute and chronic, including medical, psychiatric, and surgical conditions.

3.7 Outline management plan for common diseases and acute emergencies

3.8 Design an initial course of management for stabilization of patients with serious illnesses.

3.9 Categorize risk factors for disease or injury, to find out strategies for appropriate response

3.10 Demonstrate understanding of Evidence-Based Medicine (EBM), being able to:

- a. Formulate patient-based questions
- b. Search Efficiently literature databases
- c. Appraise quality of studies/literature. Critically appraise research studies and scientific papers in terms of integrity, reliability, and applicability
- d. Use information technology and library resources in order to solve a clinical problem based on evidence.
- e. Use health informatics to improve the quality of patient care
- f. Apply the results of a literature search to direct patient care

3.11 Manage the uncertainty that is unavoidable in the practice of medicine by accepting and reacting to uncertain situation through proper counseling, consultation and referral

3.16 :من الأفضل ان تضم مع [N1]

3.12 Be involved into research and scientific methods, by being able to:

- a. Formulate research questions that are significant to medicine
- b. Identify the importance of precise medical data collection, analysis and interpretation.

3.13 Select the appropriate investigations and interpret their results taking into consideration cost/ effectiveness factors

3.14 Recognize and manage conflicts of interest

3.15 Implement strategies to promote understanding, manage differences, and resolve conflicts in a manner that supports collaborative work.

3.16 Recognize practice uncertainty and knowledge gaps in clinical and other professional encounters and generate focused questions that address them

4. General and Transferrable Skills



4.1 Communicate clearly, sensitively and effectively with patients and their relatives, and colleagues from a variety of health and social care professions.

4.2 Establish effective relationships with patients and their families that enable one to provide reassurance, give encouragement and support and convey empathy and caring.

4.3 Cope effectively with individuals regardless of their social, cultural, ethnic backgrounds and their disabilities.

4.4 Communicate effectively with patients so that one can: Provide options in care; check accuracy and effectiveness of communication

Identify failures in communication; communicate bad outcomes and mistakes; deal with anger; deliver bad news in a sensitive manner; set clear expectations and respond to patients' questions and concerns.

4.5 Educate patients about their health care options and give clear and understandable explanations.

4.6 Match to traits of collegiality, flexibility, adaptability, reliability, punctuality and responsibility with colleagues and team members

4.7 Communicate effectively and respectfully with colleagues and health care team members

4.8 Communicate effectively using a written health record, electronic medical record, or other digital technology

4.9 Engage in shared decision-making for effective patient management

4.10 Respect patients and their relatives, superiors, colleagues and any other member of health profession.

4.11 Contribute to the care of patients and their families at the end of life, including management of symptoms, practical issues of law and certification

4.12 Identify vulnerable individuals that may be suffering from abuse or neglect and take the proper actions to safeguard their welfare

4.13 Be prepared for the lifelong learning needs of the medical profession, being able to: Employ accurate self/peer assessment; learn from experience and feedback and stay current with medical literature

4.14 Utilize information and communication technology effectively in the field of medical practice.

4.15 Engage in collaborative learning to continuously improve personal practice and contribute to collective improvements in practice.

4.16 Use electronic means to get, and manage information.

4.17 Present information clearly in written, electronic and oral forms.

4.18 Communicate ideas and arguments effectively.

4.19 Function well as a member of a health care team.

4.20 Analyze numerical data including the use of simple statistical methods

4.21 Improve the health service provision by applying a process of continuous quality improvement

4.22 Choose his/her own areas of interest in medical education (electives)

4.23 Identify opportunities and use various resources for learning

4.24 Show responsibility for his/her own choices in medical education.

4.1 من الأفضل ان تضم مع 4.1 : [Comment [N1]

Engage : [Comment [N1]

Professional skill to be : [Comment [N1] merged with 2

Be is better to be replaced by : [Comment [N1] action v

Action verb is missing : [Comment [N1]

Show is better to be replaced : [Comment [N1] by action v



4.25 Regularly reflect on and assess his/her performance using various performance indicators and information sources

4.26 Show good organizational skills with respect to:

- a. Time management with patient care
- b. Completion of records and paperwork in a timely manner
- c. Effective setting and reassessment of priorities
- d. The ability to handle multiple responsibilities simultaneously

4.27 Summarize and present to professional and lay audiences the findings of relevant research and scholarly inquiry

House Officers should be able to:

4.28 Apply Evidence Based Medicine in management decisions.

4.29 Effectively manage time and resources and set priorities.

4.30 Work efficiently within the health care team and as an effective team leader.

4.31 Solve problems related to patients, work management, and among colleagues.

4.32 Cope with a changing work environment.

4.33 Apply safety and infection control measures during practice.

4.34 Evaluate their work and that of others using constructive feedback..

4.35 Show commitment to learning and scholarship

4.36 Choose his/her own areas of interest in medical education (electives)

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by action v

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3. Academic reference standards:

The national academic reference standards (NARS)) for Bachelor degree of medicine and surgery published by the National Authority for Quality Assurance and Accreditation of Education (NAQAAE) (January 2009) was adopted by Faculty council No423 in 28/06/2009. The ILOs of the program achieve the requirements of NARS.

Gap analysis was done between NARS 2009 and some ILOs was added (appendix)

Revise :[Comment [N1
NARS, 2

4. Program structure and components:

A. Program Duration: Six academic years followed by one training (internship) year.

- Six academic years are divided into two phases:
 1. First Phase (Preclinical phase): Years 1,2 and 3, 30 weeks each.
 2. Second Phase (Clinical phase): Years 4 (32 weeks), 5 and 6 (36 weeks).
- Internship year is divided into six training (5 compulsory and 1 selective) rotations, 2 months each. Compulsory rotations are: general surgery, internal medicine, paediatrics, obstetrics and gynaecology, and emergency and anaesthesia.

B. Program Structure



• Number of hours:

Theoretical	Practical/Clinical	Field Training	Total
2326	2074	2970	7370

• Courses Distribution

Type	Hours	Percent
Basic Sciences Courses	2100	28.5%
<ul style="list-style-type: none">Human Anatomy and Embryology (1 and 2)(480)Human Medical Physiology (1 and 2) (420)Histology and Cell Biology (1 and 2) (240)Medical Biochemistry (1 and 2)(270)Pathology (240)Clinical Pharmacology(180)Microbiology and Medical Immunology(150)Medical Parasitology(120)		
Social and Humanistic Sciences Courses	90	1.2%
<ul style="list-style-type: none">English Language(30)Behavioural and Humanistic sciences(30)Human Rights(30)		
Clinical Sciences Courses	2210	30%
<ul style="list-style-type: none">Ophthalmology (200)Ear, Nose and Throat (124)Forensic Medicine & Clinical Toxicology (200)Public Health and Community Medicine (192)Internal Medicine (456)Pediatric Medicine (228)Surgery (552)Gynecology & Obstetrics (258)		
Field Training	2970	40.3%



Type	Hours	Percent
• Physiology (6)		
• Physiology (6)		
• Parasitology (6)		
• Community Medicine (12)		
• Internship year (2880)		

[Comment [N1]: هل المقصود هنا
Field V
مجموع 2910

C. Program Courses

a. Compulsory

Course Code	Course Title	Hours	Weekly Hours		Study Year
			Theoretical	Practical/Clinical	
AE UG 01	Human Anatomy and Embryology	240	120	120	1 st Year
HP UG 01	Human Medical Physiology	210	150	60	
HC UG 01	Histology and Cell Biology	120	60	60	
MB UG 01	Medical Biochemistry	135	75	60	
EL UG 01	English Language	30	30	---	
AE UG 02	Human Anatomy and Embryology	240	120	120	2 nd Year
HP UG 02	Human Medical Physiology	210	150	60	
HC UG 02	Histology and Cell Biology	120	60	60	
MB UG 02	Medical Biochemistry	135	75	60	
BH UG 02	Behavioral and Humanistic sciences	30	30	---	
PG UG 03	Pathology	240	120	120	3 rd Year
CP UG 03	Clinical Pharmacology	180	120	60	
MI UG 03	Microbiology and Medical	150	90	60	

[Comment [N1]: إجمالي عدد الساعات وليس
عيا

[Comment [N1]: لم يذكر الحاسب الآلي: 30
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ZAGAZIGUNIVERSITY
FACULTY OF MEDICINE

Course Code	Course Title	Hours	Weekly Hours		Study Year
			Theoretical	Practical/Clinical	
	Immunology				
MP UG 03	Medical Parasitology	120	60	60	

[Comment [N1]: إجمالي عدد الساعات وليس
وعيا



**ZAGAZIG UNIVERSITY
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Course Code	Course Title	Hours	Weekly Hours		Study Year
			Theoretical	Practical/Clinical	
OP UG 04	Ophthalmology	200	80	120	4 th Year
EN UG 04	Ear, Nose & Throat	124	64	60	
FT UG 04	Forensic Medicine & Clinical Toxicology	200	80	120	
PC UG 04	Public Health and Community Medicine	192	128	64	
HR UG 04	Human Rights	30	30	---	
IM UG 05	Internal Medicine	456	216 (General Medicine: 110 + Special Medicine: 106)	240 General Medicine: 120 hrs Special Medicine: 120 hrs including:- Cardiology Chest Neuropsychiatry Tropical medicine Rheumatology & Rehabilitation Dermatology Radiology	5 th Year
PM UG 05	Pediatric Medicine	228	108	120	
SU UG 06	Surgery	552	252 (General Surgery: 144 + Special Surgery: 108)	300 General Surgery: 150 hrs Special Surgery: 150 hrs Orthopaedics Urology Cardiothoracic Neurosurgery Anesthesia Radiology	6 th Year
OG UG 06	Gynecology & Obstetrics	258	108	150	

[Comment [N135]: إجمالي عدد الساعات وليس عيا

[Comment [N136]: 8 weeks = 120 hours, while : 24 weeks for internal medicine =240 hours. This is better to be revised

[Comment [N137]: مخالف لللائحة (64)

[Comment [N138]: Clinical Pathology is missing

[Comment [N139]: يفضل تحديد الساعات ()
البيوع) العملية والنظرية لكل تخصص طبقا لللائحة

[Comment [N136]: 12 weeks = 120 hours

[Comment [N140]: مخالف لللائحة (216)

[Comment [N141]: يفضل تحديد الساعات ()
البيوع) العملية والنظرية لكل تخصص طبقا لللائحة

[Comment [N139]: 12 weeks = 150 hours
Please revise to be comparable with bylaw



b. Selective: None

c. Elective: None

5. Courses Contents:

Courses Specifications are attached to the program (Appendix 2).

6. Program Admission Requirements:

The Faculty of Medicine, ZagazigUniversity is a governmental faculty in which the student's admission runs through the rules of the Supreme Council of Universities for those graduated from high schools in Egypt and/or equivalent certificate from Arab and/or Foreign countries from scientific section (Biology specialty). These regulations organize the admission process through the faculty with no cultural, sexual or religious discrimination.

7. Regulations for Progression and Program Completion:

Progression for all years requires the success in all examinations with a passing level of 60% of marks.

8. Assessment Methods:

Variable methods of assessment are used to assess the students' achievements according to the ILOs. **Assessments are both formative and summative.**

Formative assessments and feedback: include

- Quizzes during practical and clinical sessions.
- Extended direct observation checklist for assessment of communication, behavioural and general and transferable skills.

Formative assessment is accompanied by constructive feedback that facilitates development of the targeted skills. The model answers for quizzes will be announced for the students. Collective oral feedback will be given for the students by the responsible instructor that clarifies what are good things they have done and what points they need to improve.

Summative assessments include:

1. Written Examinations (Objective questions, modified essays, problem solving and case study)
2. Clinical, practical and attitude assessments (Objective Structured Practical/Clinical Examinations, assessments in skill labs, and clinical case examinations either long or short)
3. Oral examinations

Final Marks according to Bachelor of Medicine and Surgery (M.B.B.Ch.) bylaws are as follows

[Comment [N1]: ماذا عن اعمال السنة،

Field visit assessment

To be revised : [Comment [N1]



1. First Year of the program:

Course Title	Final Mark
Human Anatomy and Embryology	250
Human Medical Physiology	250
Histology and Cell Biology	150
Medical Biochemistry	150
English Language	25
Total	825

[Comment [N1]: تضاف 25 درجة للحاسب

2. Second Year of the program:

Course Title	Final Mark
Human Anatomy and Embryology	250
Human Medical Physiology	250
Histology and Cell Biology	150
Medical Biochemistry	150
Behavioral and Humanistic sciences	50
Total	850

3. Third Year of the program:

Course Title	Final Mark
Pathology	300
Clinical Pharmacology	300
Microbiology and Medical Immunology	200
Medical Parasitology	150
Total	950



4. Fourth Year of the program:

Course Title	Final Mark
Ophthalmology	250
Ear, Nose and Throat	200
Forensic Medicine & Clinical Toxicology	200
Public Health and Community Medicine	300
Human rights	50
Total	1000

[Comment [N1]: مخالف للائحة: 300 درجة

5. Fifth Year of the program:

Course Title	Final Mark
Internal Medicine	900
Pediatric Medicine	500
Total	1400

6. Sixth Year of the program:

Course Title	Final Mark
Surgery	900
Gynecology & Obstetrics	500
Total	1400

9. Program Evaluation Methods:

	Evaluator	Tool	Sample
1	Final year students	Questionnaires	250 students
2	Graduates	Questionnaires	150 graduates
3	Stakeholders/Employers	Structured Interviews	10 persons
4	External evaluator	External Audit/Review	Team of 3-4 auditors/reviewers

[Comment [N1]: Better to be 20%

[Comment [N1]: Better to be 20%

Program Coordinator:

Signature:

Date: --/--/20--





APPENDIX