

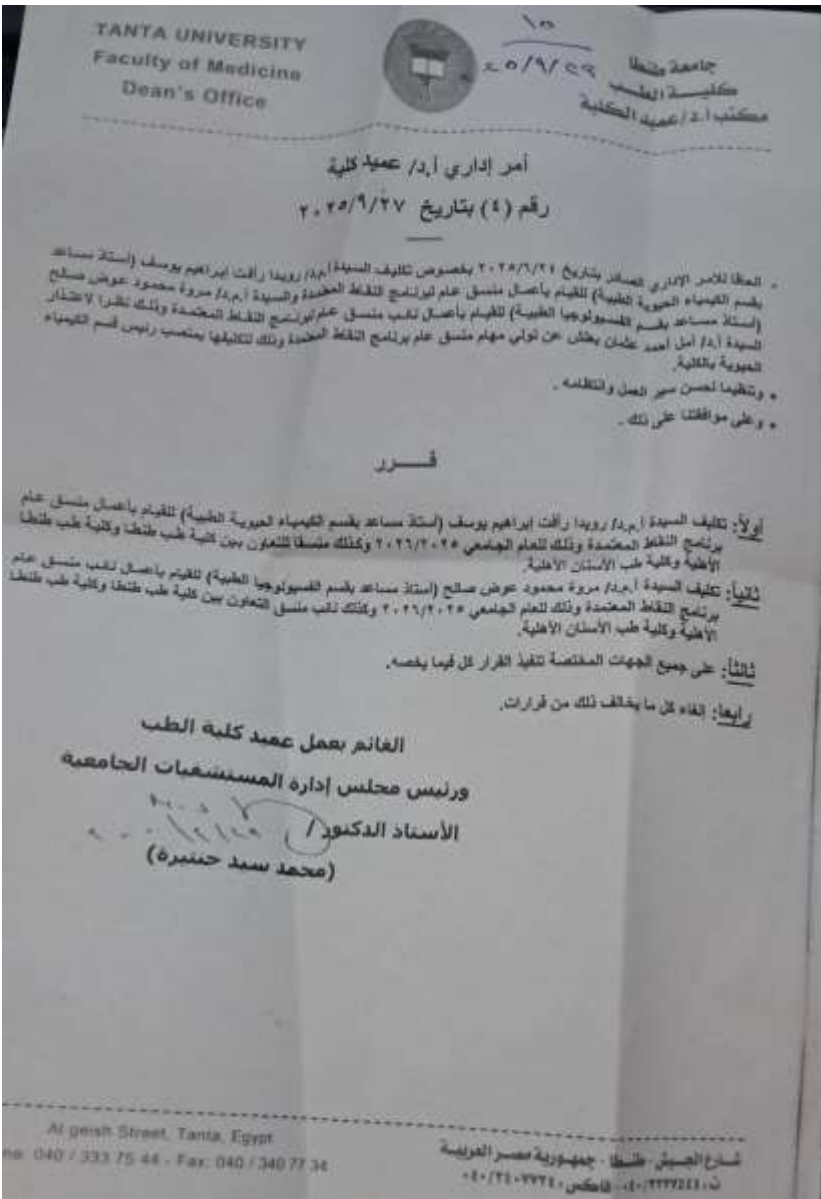
توصيف برنامج دراسي

(2026-2025)
Bylaw 2018

١. معلومات أساسية

Medicine and Surgery Medicine and Surgery Bachelor Bachelor Program – Credit Point MSBP - CP	اسم البرنامج (تبعاً لما ورد باللائحة):																																																																																																																																																
282 compulsory + 18 elective	إجمالي عدد الساعات/النقاط المعتمدة للبرنامج:																																																																																																																																																
5 academic years followed by two years clinical training as house officers.	عدد السنوات/المستويات الدراسية (مدة البرنامج المتوقعة للحصول على المؤهل):																																																																																																																																																
<table><tr><th>No.</th><th colspan="2">Department Name</th><th>Department Code</th></tr><tr><th></th><th>English</th><th>العربية</th><th></th></tr><tr><td>1</td><td>Anatomy and Embryology</td><td>التشريح الإنسي وعلم الأجنة</td><td>ANA</td></tr><tr><td>2</td><td>Histology and Cell Biology</td><td>علم الأنسجة وبيولوجيا الخلايا</td><td>HIST</td></tr><tr><td>3</td><td>Medical Biochemistry</td><td>الكيمياء الحيوية الطبية</td><td>BIO</td></tr><tr><td>4</td><td>Medical Physiology</td><td>الفسيولوجيا الطبية (علم وظائف الأعضاء)</td><td>PHYS</td></tr><tr><td>5</td><td>Medical Pharmacology</td><td>الفارماكولوجيا الطبية</td><td>PHAR</td></tr><tr><td>6</td><td>Pathology</td><td>الباثولوجي (علم الأمراض)</td><td>PATH</td></tr><tr><td>7</td><td>Medical Microbiology and Immunology</td><td>الميكروبيولوجيا الطبية والمناعة</td><td>MI</td></tr><tr><td>8</td><td>Medical Parasitology</td><td>الطفيليات الطبية</td><td>PARA</td></tr><tr><td>9</td><td>Community Medicine and Public Health</td><td>الصحة العامة وطب المجتمع</td><td>COMM</td></tr><tr><td>10</td><td>Forensic Medicine and Clinical Toxicology</td><td>الطب الشرعي والتسمم والإكلينيكية</td><td>FMCT</td></tr><tr><td>11</td><td>Ophthalmology</td><td>طب وعلمة العين</td><td>OPHT</td></tr><tr><td>12</td><td>Ear, Nose and Throat</td><td>الاذن والأنف والمخ</td><td>ENT</td></tr><tr><td>13</td><td>Internal Medicine</td><td>الباطنة العامة</td><td>MED</td></tr><tr><td>14</td><td>Neurology and Psychiatry</td><td>الأمراض العصبية والنفسية</td><td>NEUR PSYC</td></tr><tr><td>15</td><td>Dermatology</td><td>الأمراض الجلدية والتناسلية</td><td>DERMVEN</td></tr><tr><td>16</td><td>Tropical Medicine and Infectious Diseases</td><td>طب المناطق الحارة والأمراض المعدية</td><td>TROPID</td></tr><tr><td>17</td><td>Chest Diseases</td><td>الأمراض الصدرية</td><td>CHEST</td></tr><tr><td>18</td><td>Clinical and Chemical Pathology</td><td>الباثولوجيا الإكلينيكية والكيميائية</td><td>CCP</td></tr><tr><td>19</td><td>Rheumatology, Rehabilitation & Physical Medicine</td><td>الروماتيزم والتأهيل والطب الطبيعي</td><td>RRP</td></tr><tr><td>20</td><td>Cardiology</td><td>أمراض القلب والأوعية الدموية</td><td>CARD</td></tr><tr><td>21</td><td>Radio Diagnostic and Medical Imaging</td><td>الأشعة التشخيصية والتصوير الطبي</td><td>RAD</td></tr><tr><td>22</td><td>Pediatrics</td><td>الاطفال</td><td>PEO</td></tr><tr><td>23</td><td>Obstetrics & Gynecology</td><td>التوليد وأمراض النساء</td><td>OBGYN</td></tr><tr><td>24</td><td>Surgery</td><td>الجراحة العامة</td><td>SURG</td></tr><tr><td>25</td><td>Orthopedics Surgery</td><td>جراحة العظام</td><td>ORTHO</td></tr><tr><td>26</td><td>Plastic and Reconstructive Surgery</td><td>جراحة التجميل والإصلاح</td><td>PLSTS</td></tr><tr><td>27</td><td>Neurosurgery</td><td>جراحة المخ والأعصاب</td><td>NEURIOS</td></tr><tr><td>28</td><td>Urology</td><td>جراحة المسالك البولية والتناسلية</td><td>UIROL</td></tr><tr><td>29</td><td>Emergency & Traumatology</td><td>طب الطوارئ والإصابات</td><td>EMERT</td></tr><tr><td>30</td><td>Cardiothoracic Surgery</td><td>جراحة القلب والصدر</td><td>CARTS</td></tr><tr><td>31</td><td>Vascular and Endovascular Surgery</td><td>جراحة الأوعية الدموية</td><td>VASCES</td></tr><tr><td>32</td><td>Anesthesia & Surgical Intensive care and pain management</td><td>التخدير والعناية المركزة للجراحة وعلاج الألم</td><td>ANASIP</td></tr><tr><td>33</td><td>Clinical oncology and nuclear medicine</td><td>علاج الأورام والطب النووي</td><td>ONCONU</td></tr><tr><td>34</td><td>Medical Education</td><td>التعليم الطبي</td><td>MEDED</td></tr></table>	No.	Department Name		Department Code		English	العربية		1	Anatomy and Embryology	التشريح الإنسي وعلم الأجنة	ANA	2	Histology and Cell Biology	علم الأنسجة وبيولوجيا الخلايا	HIST	3	Medical Biochemistry	الكيمياء الحيوية الطبية	BIO	4	Medical Physiology	الفسيولوجيا الطبية (علم وظائف الأعضاء)	PHYS	5	Medical Pharmacology	الفارماكولوجيا الطبية	PHAR	6	Pathology	الباثولوجي (علم الأمراض)	PATH	7	Medical Microbiology and Immunology	الميكروبيولوجيا الطبية والمناعة	MI	8	Medical Parasitology	الطفيليات الطبية	PARA	9	Community Medicine and Public Health	الصحة العامة وطب المجتمع	COMM	10	Forensic Medicine and Clinical Toxicology	الطب الشرعي والتسمم والإكلينيكية	FMCT	11	Ophthalmology	طب وعلمة العين	OPHT	12	Ear, Nose and Throat	الاذن والأنف والمخ	ENT	13	Internal Medicine	الباطنة العامة	MED	14	Neurology and Psychiatry	الأمراض العصبية والنفسية	NEUR PSYC	15	Dermatology	الأمراض الجلدية والتناسلية	DERMVEN	16	Tropical Medicine and Infectious Diseases	طب المناطق الحارة والأمراض المعدية	TROPID	17	Chest Diseases	الأمراض الصدرية	CHEST	18	Clinical and Chemical Pathology	الباثولوجيا الإكلينيكية والكيميائية	CCP	19	Rheumatology, Rehabilitation & Physical Medicine	الروماتيزم والتأهيل والطب الطبيعي	RRP	20	Cardiology	أمراض القلب والأوعية الدموية	CARD	21	Radio Diagnostic and Medical Imaging	الأشعة التشخيصية والتصوير الطبي	RAD	22	Pediatrics	الاطفال	PEO	23	Obstetrics & Gynecology	التوليد وأمراض النساء	OBGYN	24	Surgery	الجراحة العامة	SURG	25	Orthopedics Surgery	جراحة العظام	ORTHO	26	Plastic and Reconstructive Surgery	جراحة التجميل والإصلاح	PLSTS	27	Neurosurgery	جراحة المخ والأعصاب	NEURIOS	28	Urology	جراحة المسالك البولية والتناسلية	UIROL	29	Emergency & Traumatology	طب الطوارئ والإصابات	EMERT	30	Cardiothoracic Surgery	جراحة القلب والصدر	CARTS	31	Vascular and Endovascular Surgery	جراحة الأوعية الدموية	VASCES	32	Anesthesia & Surgical Intensive care and pain management	التخدير والعناية المركزة للجراحة وعلاج الألم	ANASIP	33	Clinical oncology and nuclear medicine	علاج الأورام والطب النووي	ONCONU	34	Medical Education	التعليم الطبي	MEDED	القسم / الأقسام المشاركة (ان وجد) في تنفيذ البرنامج :
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No	شعب/مسارات/تخصصات البرنامج في السنة																																																																																																																																																



<p>No</p>	<p>النهائية (ان وجد): الشراكات مع جهات أخرى وطبيعة كل منها (إن وجد):</p>
<p>Dr. Rowida Rafat (From 27/9/2025)</p> 	<p>اسم منسق البرنامج (يرفق قرار التكلفة):</p>
<p>11/24/2025</p> <p>Faculty of Medicine – Tanta University</p>	<p>تاريخ اعتماد توصيف البرنامج: جهة اعتماد توصيف البرنامج (يرفق قرار / محضر الاعتماد من المجلس الحاكم):</p>

٢. أهداف البرنامج Program Aims (وصف موجز للغرض العام أو النتيجة المرجوة التي يسعى البرنامج إلى تحقيقها)

Preparing a distinguished graduate locally, regionally and internationally, qualified to provide quality health care and acquire professional skills with an increased capacity for self-learning, leadership and involvement in scientific research, application and professional development within the framework of professional ethics. To achieve this aim, the program is committed to equipping students with comprehensive basic medical knowledge, developing students' ability to apply medical information in solving clinical problems effectively, enhancing communication, intellectual, clinical, and leadership skills, integrating various disciplines of medicine to ensure holistic and efficient medical practice, providing students with elective opportunities to pursue areas of interest, encouraging lifelong learning and application of scientific research methodologies, instilling the principles and values of professional ethics, and aligning medical education depending on community based and workplace resources.

٣. هيكل البرنامج (المنهج الدراسي)

• مكونات البرنامج

النسبة المنوية من إجمالي عدد الساعات/النقاط	عدد الساعات/النقاط المعتمدة	عدد المقررات	نوع المتطلب
1%	3 CP	1	متطلبات الجامعة
X	X	X	متطلبات الكلية (ان وجد)
99%	279+18 elective CP	53	متطلبات البرنامج
X	X	X	متطلبات الشعبة/المسار/التخصص في السنة النهائية (ان وجد)
		✓	التدريب الميداني
		X	مشروع التخرج
		Internship for 2 years	السنة التدريبية الإلزامية
		X	اخرى (تذكر)
94%	282 CP	48	إجمالي المقررات الإلزامية
6%	18 CP	6	المقررات الاختيارية
100%	300	54	الإجمالي

• مقررات البرنامج تبعا للخطة الدراسية المتوقعة

عدد النقاط المعتمدة	نوع المتطلب	نوع المقرر (إلزامي / اختياري)	اسم المقرر	رمز/كود المقرر	الفصل الدراسي	المستوى الدراسي / الدرجة
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7	كلية	اجباري	Principles of Anatomy	ANA 1101	فصل دراسي اول	الاول
5	كلية	اجباري	Principles of Histology & Cell Biology	HIST 1102	فصل دراسي اول	الاول
5	كلية	اجباري	Principles of Physiology	PHYS 1103	فصل دراسي اول	الاول
5	كلية	اجباري	Principles of Biochemistry	BIO 1104	فصل دراسي اول	الاول
2	كلية	اجباري	Physician Patient Communication 1	PPC 1 1105	فصل دراسي اول	الاول
3	كلية	اجباري	Early Clinical Skills	ECS 1106	فصل دراسي اول	الاول
3	جامعة	اجباري	Basic English	ENG 1107	فصل دراسي اول	الاول
6	كلية	اجباري	Principles of Pathology	PATH 1201	فصل دراسي ثاني	الاول
5	كلية	اجباري	Principles of Parasitology	PARA 1202	فصل دراسي ثاني	الاول
5	كلية	اجباري	Principles of Pharmacology	PHAR 1203	فصل دراسي ثاني	الاول
5	كلية	اجباري	Principles of Microbiology	MIC 1204	فصل دراسي ثاني	الاول
3	كلية	اجباري	Infection& Host defense	IHD 1205	فصل دراسي ثاني	الاول
3	كلية	اجباري	Professionalism 1	PRO1 1206	فصل دراسي ثاني	الاول
3	كلية	اختياري	Elective 1 (NM)	ELC 1	فصل دراسي ثاني	الاول
٥	كلية	اجباري	Forensic Medicine	FORN 2101	فصل دراسي ثالث	الثاني
4	كلية	اجباري	Clinical Toxicology	CT 2102	فصل دراسي ثالث	الثاني
5	كلية	اجباري	Cardiovascular system 1	CVS1 2103	فصل دراسي ثالث	الثاني
7	كلية	اجباري	Neuroscience 1	NEU1 2104	فصل دراسي ثالث	الثاني
3	كلية	اجباري	Behavioral sciences	BEH 2105	فصل دراسي ثالث	الثاني

3	كلية	اجباري	Research Methodology 1	RM1 2105	فصل دراسي ثالث	الثاني
3	كلية	اختياري	Elective 2	ELC 2	فصل دراسي ثالث	الثاني
١٠	كلية	اجباري	Endocrinology1 & Reproductive	End1&REP 1 2201	فصل دراسي رابع	الثاني
5	كلية	اجباري	Nutrition & Metabolism	NM 2202	فصل دراسي رابع	الثاني
5	كلية	اجباري	Special sense	SS 2203	فصل دراسي رابع	الثاني
5	كلية	اجباري	Urinary system	URIN 2204	فصل دراسي رابع	الثاني
5		اجباري	Medical Genetics	MG 2205	فصل دراسي رابع	الثاني
9	كلية	اجباري	Locomotors system1	LOC 3101	فصل دراسي خامس	الثالث
5	كلية	اجباري	Respiratory system1	RESP 3102	فصل دراسي خامس	الثالث
5	كلية	اجباري	Hematology 1	HEM1 3103	فصل دراسي خامس	الثالث
6	كلية	اجباري	Gastrointestinal tracts 1	GIT1 3104	فصل دراسي خامس	الثالث
2	كلية	اجباري	Physician patient Communication 2	PPC2 3105	فصل دراسي خامس	الثالث
3	كلية	اختياري	Elective 3	ELC 3	فصل دراسي خامس	الثالث
٤	كلية	اجباري	Special Senses 2 (ENT)	SS2 3201	فصل دراسي سادس	الثالث
4	كلية	اجباري	Special Senses 2 (ENT)	SS3 3202	فصل دراسي سادس	الثالث
5	كلية	اجباري	Special Senses 3 (Ophthalmology)	CM 3203	فصل دراسي سادس	الثالث
6	كلية	اجباري	Community medicine	ME 3204	فصل دراسي سادس	الثالث
2	كلية	اجباري	Medical Ethics	MI 3205	فصل دراسي سادس	الثالث
3	كلية	اجباري	Medical Informatics	RM 3206	فصل دراسي سادس	الثالث
3	كلية	اجباري	Research Methodology2	PS 3207	فصل دراسي سادس	الثالث
3	كلية	اختياري	Patient Safety	ELC 4	فصل دراسي سادس	الثالث
16	كلية	اجباري	Medicine 1	MED1 4101	فصل دراسي سابع	الرابع
16	كلية	اجباري	Medicine 2	MED2	فصل دراسي سابع	الرابع

				4102		
12	كلية	اجباري	Pediatrics	MED-403	فصل دراسي ثامن	الرابع
4	كلية	اجباري	Clinical Epidemiology& Biostatistics	MED-404	فصل دراسي ثامن	الرابع
6	كلية	اجباري	Family Medicine	MED-405	فصل دراسي ثامن	الرابع
3	كلية	اجباري	Evidence Based Medicine	MED-406	فصل دراسي ثامن	الرابع
3	كلية	اختياري	Elective 5	MED-407	فصل دراسي ثامن	الرابع
16	كلية	اجباري	Surgery 1	SUR1 5101	فصل دراسي تاسع	الخامس
8	كلية	اجباري	Emergency Medicine	EMER 5102	فصل دراسي تاسع	الخامس
3	كلية	اجباري	Professionalism 2	PRO2 5103	فصل دراسي تاسع	الخامس
4	كلية	اجباري	Research Project	RP 5104	فصل دراسي تاسع	الخامس
15	كلية	اجباري	Surgery 2	SUR2 5201	فصل دراسي عاشر	الخامس
١٢	كلية	اجباري	Obstetrics and Gynecology	OBGYN 5202	فصل دراسي عاشر	الخامس
3	كلية	اختياري	Elective 6	ELC 6	فصل دراسي عاشر	الخامس

٤. المعايير الأكاديمية المتبناة

• المعايير الأكاديمية المتبناة (NARS/ARS): NARS

تاريخ تبني المعايير في المجلس الحاكم: Click or tap to enter a date. وتاريخ تحديث التبرني

* (يرفق محضر المجلس الحاكم ومحدث التحديث)

Competencies and Key Competencies of NARS:

Competency Area I: The graduate as a health care provider

1.1. Take and record a structured, patient centered history.

1.2. Adopt an empathic and holistic approach to the patients and their problems.

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- 1.3. Assess the mental state of the patient.
 - 1.4. Perform appropriately timed full physical examination 1of patients appropriate to the age, gender, and clinical presentation of the patient while being culturally sensitive.
 - 1.5. Prioritize issues to be addressed in a patient encounter.
 - 1.6. Select the appropriate investigations and interpret their results taking into consideration cost/ effectiveness factors.
 - 1.7. Recognize and respond to the complexity, uncertainty, and ambiguity inherent in medical practice.
 - 1.8. Apply knowledge of the clinical and biomedical sciences relevant to the clinical problem at hand.
 - 1.9. Retrieve, analyze, and evaluate relevant and current data from literature, using information technologies and library resources, in order to help solve a clinical problem based on evidence (EBM).
 - 1.10. Integrate the results of history, physical and laboratory test findings into a meaningful diagnostic formulation.
 - 1.11. Perform diagnostic and intervention procedures² in a skillful and safe manner, adapting to unanticipated findings or changing clinical circumstances.
 - 1.12. Adopt strategies and apply measures that promote patient safety.
 - 1.13. Establish patient-centered management plans in partnership with the patient, his/her family and other health professionals as appropriate, using Evidence Based Medicine in management decisions.
 - 1.14. Respect patients' rights and involve them and /or their families/carers in management decisions.
 - 1.15. Provide the appropriate care in cases of emergency, including cardio-pulmonary resuscitation, immediate life support measures and basic first aid procedures.
 - 1.16. Apply the appropriate pharmacological and nonpharmacological approaches to alleviate pain and provide palliative care for seriously ill people, aiming to relieve their suffering and improve their quality of life.
 - 1.17. Contribute to the care of patients and their families at the end of life, including management of symptoms, practical issues of law and certification.

Competency Area II: The graduate as a health promoter

- 2.1 Identify the basic determinants of health and principles of health improvement.
 - 2.2 Recognize the economic, psychological, social, and cultural factors that interfere with wellbeing.
 - 2.3 Discuss the role of nutrition and physical activity in health.
 - 2.4 Identify the major health risks in his/her community, including demographic, occupational and environmental risks; endemic diseases, and prevalent chronic diseases.
 - 2.5 Describe the principles of disease prevention, and empower communities, specific groups or individuals by raising their awareness and building their capacity.
 - 2.6 Recognize the epidemiology of common diseases within his/her community, and apply the systematic approaches useful in reducing the incidence and prevalence of those diseases.
 - 2.7 Provide care for specific groups including pregnant women, newborns and infants, adolescents and the elderly.
 - 2.8 Identify vulnerable individuals that may be suffering from abuse or neglect and take the proper actions to safeguard their welfare.
 - 2.9 Adopt suitable measures for infection control.
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Competency Area III: The graduate as a professional

- 3.1. Exhibit appropriate professional behaviors and relationships in all aspects of practice, demonstrating honesty, integrity, commitment, compassion, and respect.
- 3.2. Adhere to the professional standards and laws governing the practice, and abide by the national code of ethics issued by the Egyptian Medical Syndicate.
- 3.3. Respect the different cultural beliefs and values in the community they serve.
- 3.4. Treat all patients equally, and avoid stigmatizing any category regardless of their social, cultural, ethnic backgrounds, or their disabilities.
- 3.5. Ensure confidentiality and privacy of patients' information.
- 3.6. Recognize basics of medico-legal aspects of practice, malpractice and avoid common medical errors.
- 3.7. Recognize and manage conflicts of interest.
- 3.8. Refer patients to appropriate health facility at the appropriate stage.
- 3.9. Identify and report any unprofessional and unethical behaviors or physical or mental conditions related to himself, colleagues or any other person that might jeopardize patients' safety.

Competency Area IV: The graduate as a scholar and scientist

- 4.1 Describe the normal structure of the body and its major organ systems and explain their functions.
- 4.2 Explain the molecular, biochemical, and cellular mechanisms that are important in maintaining the body's homeostasis.
- 4.3 Recognize and describe main developmental changes in humans and the effect of growth, development and aging on the individual and his family.
- 4.4 Explain normal human behavior and apply theoretical frameworks of psychology to interpret the varied responses of individuals, groups and societies to disease.
- 4.5 Identify various causes (genetic, developmental, metabolic, toxic, microbiologic, autoimmune, neoplastic, degenerative, and traumatic) of illness/disease and explain the ways in which they operate on the body (pathogenesis).
- 4.6 Describe altered structure and function of the body and its major organ systems that are seen in various diseases and conditions.
- 4.7 Describe drug actions: therapeutics and pharmacokinetics; side effects and interactions, including multiple treatments, long term conditions and non-prescribed medication; and effects on the population.
- 4.8 Demonstrate basic sciences specific practical skills and procedures relevant to future practice, recognizing their scientific basis, and interpret common diagnostic modalities, including: imaging, electrocardiograms, laboratory assays, pathologic studies, and functional assessment tests.

Competency Area V: The graduate as a member of the health team and a part of the health care system

- 5.1 Recognize the important role played by other health care professions in patients' management.
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- 5.2 Respect colleagues and other health care professionals and work cooperatively with them, negotiating overlapping and shared responsibilities and engaging in shared decision-making for effective patient management.
 - 5.3 Implement strategies to promote understanding, manage differences, and resolve conflicts in a manner that supports collaborative work.
 - 5.4 Apply leadership skills to enhance team functioning, the learning environment, and/or the health care delivery system.
 - 5.5 Communicate effectively using a written health record, electronic medical record, or other digital technology.
 - 5.6 Evaluate his/her work and that of others using constructive feedback.
 - 5.7 Recognize own personal and professional limits and seek help from colleagues and supervisors when necessary.
 - 5.8 Apply fundamental knowledge of health economics to ensure the efficiency and effectiveness of the health care system.
 - 5.9 Use health informatics to improve the quality of patient care.
 - 5.10 Document clinical encounters in an accurate, complete, timely, and accessible manner, in compliance with regulatory and legal requirements.
 - 5.11 Improve the health service provision by applying a process of continuous quality improvement.
 - 5.12 Demonstrate accountability to patients, society, and the profession.

Competency Area VI: The graduate as a lifelong learner and researcher

- 6.1 Regularly reflect on and assess his/her performance using various performance indicators and information sources.
 - 6.2 Develop, implement, monitor, and revise a personal learning plan to enhance professional practice
 - 6.3 Identify opportunities and use various resources for learning.
 - 6.4 Engage in inter-professional activities and collaborative learning to continuously improve personal practice and contribute to collective improvements in practice.
 - 6.5 Recognize practice uncertainty and knowledge gaps in clinical and other professional encounters and generate focused questions that address them.
 - 6.6 Effectively manage learning time and resources and set priorities.
 - 6.7 Demonstrate an understanding of the scientific principles of research including its ethical aspects and scholarly inquiry and Contribute to the work of a research study.
 - 6.8 Critically appraise research studies and scientific papers in terms of integrity, reliability, and applicability.
 - 6.9 Analyze and use numerical data including the use of basic statistical methods.
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6.10 Summarize and present to professional and lay audiences the findings of relevant research and scholarly inquiry.

٥. مصفوفة المعايير الأكاديمية (مخرجات البرنامج) مع المقررات

Competency Area I: The graduate as a health care provider

Code	Module	ILOs																
		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
ANA 1101	Principles of Anatomy								*	*								
HIST 1102	Principles of Histology & Cell Biology					*												
PHYS 1103	Principles of Physiology		*		*				*		*							
BIO 1104	Principles of Biochemistry		*		*						*							

PPC 1105	Physician Patient Communication 1	*	*	*		*	*											
ECS 1106	Early Clinical Skills		*		*							*		*	*			
PATH 1201	Principles of Pathology							*		*								
PARA 1202	Principles of Parasitology					*		*		*						*		
PHAR 1203	Principles of Pharmacology							*	*			*					*	
MIC1204	Principles of Microbiology							*										

Code	Module	ILOs																
		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
IHD 1205	Infection& Host defense								*									
PRO1 1206	Professionalism 1	*	*			*							*		*			
FORN 2101	Forensic Medicine								*	*								*
CT 2102	Clinical Toxicology	*		*	*		*				*			*		*		
CVS1 2103	Cardiovascular system 1	*			*				*	*	*							
NEU1 2104	Neuroscience 1	*			*				*	*	*							
BEH 2105	Behavioral sciences	*	*	*	*	*	*											
RM1 2105	Research Methodology 1							*		*								
End1&R EP1 2201	Endocrinology1 & Reproductive	*			*		*		*	*	*						*	
NM 2202	Metabolism	*			*		*		*	*	*							
SS 2203	Special	*			*		*		*	*	*	*						

Code Module		ILOs																
		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	1.17.1
sense																		
URIN 2204	Urinary system	*			*		*		*	*	*						*	
MG 2205	Medical Genetics						*		*									
LOC 3101	Locomotors system1	*			*				*	*	*							
RESP 3102	Respiratory system1	*			*		*		*	*	*							
HEM1 3103	Hematology 1	*			*				*	*								
GIT1 3104	Gastrointestinal tracts 1	*			*		*		*	*	*							
PPC2 3105	Physician patient Communication 2	*	*	*	*		*				*			*				
SS2 3201	Special Senses 2 (ENT)	*		*	*		*				*							
SS3 3202	Special Senses 3 (Ophthalmology)	*			*		*				*			*				
CM 3203	Community medicine													*				*

Code	Module	ILOs																
		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
ME 3304	Medical Ethics	*	*		*	*							*	*	*	*		
RM 3306	Research Methodology2										*							
PS 3307	Patient Safety							*					*		*			
MED1 4101	Medicine 1	*			*													
MED2 4102	Medicine 2	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*
Ped 4201	Pediatrics	*	*		*		*		*	*	*	*	*	*	*	*	*	
CEB 4202	Clinical Epidemiology& Biostatistics	*						*										
FM 4203	Family Medicine	*	*	*	*	*	*							*				
EBM 4204	Evidence Based Medicine						*		*									
SUR1	Surgery 1	*			*	*				*				*				

Code	Module	ILOs																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
5101																		
EMER 5102	Emergency Medicine		*						*		*	*	*			*		
PRO2 5103	Professionalism 2	*	*		*	*							*	*	*			
SUR2 5201	Surgery 2	*	*	*	*	*	*		*	*		*	*	*		*	*	
OBGYN 5202	Obstetrics and Gynecology	*	*				*				*		*	*				*

Competency Area II: The graduate as a health promoter

Code	Module	ILOs								
		1	2	3	4	5	6	7	8	9
ANA 1101	Principles of Anatomy									
HIST 1102	Principles of Histology & Cell Biology									
PHYS 1103	Principles of Physiology	*	*							
BIO 1104	Principles of Biochemistry			*						
PPC 1 1105	Physician Patient Communication 1									
ECS 1106	Early Clinical Skills									
PATH 1201	Principles of Pathology				*					
PARA 1202	Principles of Parasitology				*	*	*			*
PHAR 1203	Principles of Pharmacology									
MIC 1204	Principles of Microbiology									*
IHD 1205	Infection & Host defense									*
PRO1 1206	Professionalism 1	*	*			*				

Code	Module	ILOs								
		1	2	3	4	5	6	7	8	9
FORN 2101	Forensic Medicine								*	
CT 2102	Clinical Toxicology			*			*			
CVS1 2103	Cardiovascular system 1	*	*		*	*				
NEU1 2104	Neuroscience 1	*	*	*	*					
BEH 2105	Behavioral sciences	*	*							
RM1 2105	Research Methodology 1		*				*			
End1&REP1 2201	Endocrinology1 & Reproductive				*	*				
NM 2202	Nutrition & Metabolism	*	*	*	*	*	*	*		
SS 2203	Special sense	*	*		*	*				
URIN 2204	Urinary system				*	*	*			
MG 2205	Medical Genetics							*		
LOC 3101	Locomotors system1	*	*		*	*				
RESP 3102	Respiratory system1	*	*		*		*	*		*
HEM1 3103	Hematology 1	*								
GIT1 3104	Gastrointestinal tracts 1	*	*		*		*	*		*

Code	Module	ILOs								
		1	2	3	4	5	6	7	8	9
PPC2 3105	Physician patient Communication 2					●	*			
SS2 3201	Special Senses 2 (ENT)	*				*	*	*		
SS3 3202	Special Senses 3 (Ophthalmology)	*				*	*	*		
CM 3203	Community medicine	*	*		*	*				
ME 3304	Medical Ethics	*								
RM 3306	Research Methodology2						*			
PS 3307	Patient Safety		*							*
MED1 4101	Medicine 1	*								
MED2 4102	Medicine 2	*	*	*	*	*	*	*		*
Ped 4201	Pediatrics	*	*	*		*		*		
CEB 4202	Clinical Epidemiology& Biostatistics				*		*			
FM 4203	Family Medicine	*	*	*	*	*	*	*		
EBM 4204	Evidence Based Medicine		*				*			
SUR1 5101	Surgery 1						*	*		

Code	Module	ILOs								
		1	2	3	4	5	6	7	8	9
EMER 5102	Emergency Medicine	●		*						
PRO2 5103	Professionalism 2	*	*			*				
SUR2 5201	Surgery 2	*	*				*			*
OBGYN 5202	Obstetrics and Gynecology	*	*		*	*	*	*		*

Competency Area III: The graduate as a professional

Code	Module	ILOs								
		1	2	3	4	5	6	7	8	9
ANA 1101	Principles of Anatomy	*	*							
HIST 1102	Principles of Histology & Cell Biology	*								
PHYS 1103	Principles of Physiology	*								
BIO 1104	Principles of Biochemistry	*								
PPC 1 1105	Physician Patient Communication 1	*				*				
ECS 1106	Early Clinical Skills	*			*	*	*			

Code	Module	ILOs								
		1	2	3	4	5	6	7	8	9
PATH 1201	Principles of Pathology	*							*	
PARA 1202	Principles of Parasitology	*								
PHAR 1203	Principles of Pharmacology	*								
MIC 1204	Principles of Microbiology	*								
IHD 1205	Infection & Host defense	*								
PRO1 1206	Professionalism 1	*	*	*	*	*			*	*
FORN 2101	Forensic Medicine	*	*				*			
CT 2102	Clinical Toxicology		*			*				
CVS1 2103	Cardiovascular system 1	*								
NEU1 2104	Neuroscience 1	*								
BEH 2105	Behavioral sciences	*	*	*	*					
RM1 2105	Research Methodology 1	*								
End1&REP1 2201	Endocrinology1 & Reproductive	*								
NM 2202	Nutrition & Metabolism			*	*					

Code	Module	ILOs								
		1	2	3	4	5	6	7	8	9
SS 2203	Special sense	*								
URIN 2204	Urinary system	*					*		*	
MG 2205	Medical Genetics	*	*				*		*	
LOC 3101	Locomotors system1	*								
RESP 3102	Respiratory system1	*								
HEM1 3103	Hematology 1	*								
GIT1 3104	Gastrointestinal tracts 1	*								
PPC2 3105	Physician patient Communication 2	*			*					
SS2 3201	Special Senses 2 (ENT)	*			*	*	*			
SS3 3202	Special Senses 3 (Ophthalmology)	*			*	*	*			
CM 3203	Community medicine			*					*	
ME 3304	Medical Ethics	*	*	*	*	*		*		*
RM 3306	Research Methodology2	*		*						*
PS 3307	Patient Safety			*						*
MED1 4101	Medicine 1	*								

Code	Module	ILOs								
		1	2	3	4	5	6	7	8	9
MED2 4102	Medicine 2	*	*	*	*	*	*			*
Ped 4201	Pediatrics	*	*	*	*	*	*	*	*	
CEB 4202	Clinical Epidemiology & Biostatistics	*	*							
FM 4203	Family Medicine	*	*	*	*					
EBM 4204	Evidence Based Medicine	*						*		
SUR1 5101	Surgery 1					*				
EMER 5102	Emergency Medicine	*			*	*				
PRO2 5103	Professionalism 2	*	*		*	*	*	*	*	*
SUR2 5201	Surgery 2	*	*		*	*	*		*	
OBGYN 5202	Obstetrics and Gynecology	*			*					

Competency Area IV: The graduate as a scholar and scientist

Code	Module	ILOs							
		1	2	3	4	5	6	7	8
ANA 1101	Principles of Anatomy	*		*					*
HIST 1102	Principles of Histology & Cell Biology	*	*	*					*

Code	Module	ILOs							
		1	2	3	4	5	6	7	8
PHYS 1103	Principles of Physiology	*	*						*
BIO 1104	Principles of Biochemistry	*	*	*					*
PPC 1 1105	Physician Patient Communication 1								
ECS 1106	Early Clinical Skills								
PATH 1201	Principles of Pathology	*				*	*		*
PARA 1202	Principles of Parasitology					*	*		*
PHAR 1203	Principles of Pharmacology							*	
MIC 1204	Principles of Microbiology					*			*
IHD 1205	Infection& Host defense					*			*
PRO1 1206	Professionalism 1								*
FORN 2101	Forensic Medicine								*
CT 2102	Clinical Toxicology							*	
CVS1 2103	Cardiovascular system 1	*	*			*		*	*
NEU1 2104	Neuroscience 1	*	*			*		*	*
BEH 2105	Behavioral sciences	*							

Code	Module	ILOs							
		1	2	3	4	5	6	7	8
RM1 2105	Research Methodology 1								*
End1&REP1 2201	Endocrinology1 & Reproductive	*	*	*		*	*	*	*
NM 2202	Nutrition & Metabolism	*	*			*	*	*	*
SS 2203	Special sense	*	*	*		*	*	*	*
URIN 2204	Urinary system	*	*	*		*	*	*	*
MG 2205	Medical Genetics	*				*			
LOC 3101	Locomotors system1	*	*			*			*
RESP 3102	Respiratory system1	*	*			*		*	*
HEM1 3103	Hematology 1	*	*			*		*	*
GIT1 3104	Gastrointestinal tracts 1	*	*			*		*	*
PPC2 3105	Physician patient Communication 2								
SS2 3201	Special Senses 2 (ENT)	*				*			
SS3 3202	Special Senses 3 (Ophthalmology)	*				*	*		
CM 3203	Community medicine				*				
ME 3304	Medical Ethics				*				

Code	Module	ILOs							
		1	2	3	4	5	6	7	8
RM 3306	Research Methodology2					*			
PS 3307	Patient Safety							*	
MED1 4101	Medicine 1	*							
MED2 4102	Medicine 2	*				*	*	*	*
Ped 4201	Pediatrics			*	*	*			*
CEB 4202	Clinical Epidemiology& Biostatistics					*			
FM 4203	Family Medicine			*	*			*	
EBM 4204	Evidence Based Medicine								*
SUR1 5101	Surgery 1					*	*	*	
EMER 5102	Emergency Medicine	*	*					*	*
PRO2 5103	Professionalism 2								*
SUR2 5201	Surgery 2	*	*	*		*	*		
OBGYN 5202	Obstetrics and Gynecology	●			*				

Competency Area V: The graduate as a member of the health team and the health care system

Code	Module	ILOs											
		1	2	3	4	5	6	7	8	9	10	11	12
ANA 1101	Principles of Anatomy			*									
HIST 1102	Principles of Histology & Cell Biology			*									
PHYS 1103	Principles of Physiology		*	*	*								
BIO 1104	Principles of Biochemistry	*	*	*									
PPC 1 1105	Physician Patient Communication 1	*	*			*							
ECS 1106	Early Clinical Skills		*		*								
PATH 1201	Principles of Pathology			*									
PARA 1202	Principles of Parasitology		*	*			*						
PHAR 1203	Principles of Pharmacology			*				*					
MIC 1204	Principles of Microbiology			*									

Code	Module	ILOs											
		1	2	3	4	5	6	7	8	9	10	11	12
IHD 1205	Infection& Host defense			*									
PRO1 1206	Professionalism 1	*	*		*	*	*	*					*
FORN 2101	Forensic Medicine		*										
CT 2102	Clinical Toxicology		*					*					
CVS1 2103	Cardiovascular system 1								*				
NEU1 2104	Neuroscience 1					*							
BEH 2105	Behavioral sciences	*	*										
RM1 2105	Research Methodology 1	*		*									
End1&REP1 2201	Endocrinology1 & Reproductive			*									
NM 2202	Nutrition & Metabolism		*										
SS 2203	Special sense		*	*						*			
URIN 2204	Urinary system		*										
MG 2205	Medical Genetics									*			
LOC 3101	Locomotors									*			

Code	Module	ILOs											
		1	2	3	4	5	6	7	8	9	10	11	12
system1													
RESP 3102	Respiratory system1				*		*			*			
HEM1 3103	Hematology 1				*		*						
GIT1 3104	Gastrointestinal tracts 1				*					*			
PPC2 3105	Physician patient Communication 2		*			*							
					*								
SS2 3201	Special Senses 2 (ENT)					*				*			
SS3 3202	Special Senses 3 (Ophthalmology)					*				*			
CM 3203	Community medicine			*	*				*				
ME 3304	Medical Ethics	*		*									
RM 3306	Research Methodology2		*		*			*					
PS 3307	Patient Safety	*				*			*			*	
MED1 4101	Medicine 1	*	*										

Code	Module	ILOs											
		1	2	3	4	5	6	7	8	9	10	11	12
MED2 4102	Medicine 2	*	*	*	*		*	*			*	*	
Ped 4201	Pediatrics	*	*			*	*						*
CEB 4202	Clinical Epidemiology & Biostatistics		*										
FM 4203	Family Medicine	*			*				*	*			
EBM 4204	Evidence Based Medicine	*		*		*							
SUR1 5101	Surgery 1	*		*									
EMER 5102	Emergency Medicine				*								
PRO2 5103	Professionalism 2		*	*	*	*	*	*		*	*	*	
SUR2 5201	Surgery 2	*	*	*	*	*	*	*		*	*		
OBGYN 5202	Obstetrics and Gynecology		*										

Competency Area VI: The graduate as a lifelong learner and researcher

Code	Module	ILOs									
		1	2	3	4	5	6	7	8	9	10
ANA 1101	Principles of Anatomy			*			*				
HIST 1102	Principles of Histology & Cell Biology			*			*				
PHYS 1103	Principles of Physiology			*			*				
BIO 1104	Principles of Biochemistry			*			*				
PPC 1 1105	Physician Patient Communication 1										
ECS 1106	Early Clinical Skills		*	*			*				
PATH 1201	Principles of Pathology	*		*			*				
PARA 1202	Principles of Parasitology			*	*						
PHAR 1203	Principles of Pharmacology		*	*			*				
MIC 1204	Principles of Microbiology			*			*				
IHD 1205	Infection & Host defense			*			*				

Code	Module	ILOs									
		1	2	3	4	5	6	7	8	9	10
PRO1 1206	Professionalism 1	*	*	*	*		*				
FORN 2101	Forensic Medicine		*	*	*	*			*		
CT 2102	Clinical Toxicology		*	*	*						
CVS1 2103	Cardiovascular system 1			*			*				
NEU1 2104	Neuroscience 1			*			*				
BEH 2105	Behavioral sciences	*									
RM1 2105	Research Methodology 1	*	*			*		*			
End1&REP1 2201	Endocrinology1 & Reproductive			*			*				
NM 2202	Nutrition & Metabolism	*		*			*				
SS 2203	Special sense			*			*				
URIN 2204	Urinary system			*		*	*				
MG 2205	Medical Genetics			*							
LOC 3101	Locomotors system1			*			*				
RESP 3102	Respiratory system1			*			*				
HEM1 3103	Hematology 1			*			*				
GIT1 3104	Gastrointestinal			*			*				

Code	Module	ILOs									
		1	2	3	4	5	6	7	8	9	10
tracts 1											
PPC2 3105	Physician patient Communication 2				*						
SS2 3201	Special Senses 2 (ENT)			*					*		
SS3 3202	Special Senses 3 (Ophthalmology)			*			*				
CM 3203	Community medicine			*	*	*	*				
ME 3204	Medical Ethics			*				*			
RM 3206	Research Methodology2	*	*	*	*	*	*	*		*	
PS 3207	Patient Safety	*									
MED1 4101	Medicine 1	*	*	*							
MED2 4102	Medicine 2	*	*	*	*	*	*			*	
Ped 4201	Pediatrics		*	*							
CEB 4202	Clinical Epidemiology& Biostatistics	*		*			*	*		*	*
FM 4203	Family Medicine	* * *									
EBM 4204	Evidence Based	* * *									

Code	Module	ILOs									
		1	2	3	4	5	6	7	8	9	10
Medicine											
SUR1 5101	Surgery 1	* * *									
EMER 5102	Emergency Medicine				*						
PRO2 5103	Professionalism 2	*	*	*	*		*				
SUR2 5201	Surgery 2	*	*	*			*	*	*		
OBGYN 5202	Obstetrics and Gynecology	*									

٨. استراتيجيات / طرق التعليم والتعلم لتحقيق مخرجات البرنامج (المعايير المتبناة):

1. Large group sessions (Direct contact and online lectures)
2. Small group teaching
3. Practical /Clinical activities
4. Simulators &/or Mock patient
5. Case conferences (Seminars)
6. Journal clubs /conference
7. Role models &/or Case- log/diary
8. Reflection
9. Web based

٧. استراتيجيات / طرق تقييم الطلاب للتحقق من اكتساب الطلاب لمخرجات البرنامج (المعايير المتبناة):

1. Formative assessment
2. Written Exams
3. Presentation
4. Written reports
5. OSCE/OSPE
6. Portfolio/ Log book
7. Simulated Patients

٨. مؤشرات قياس أداء البرنامج (ان وجد)

م	مؤشر الأداء	المستوى المستهدف	طرق القياس	توقيت القياس
١.	النتيجة النهائية للطلاب	من الأول للخامس	طرق التقييم المدرجة بالبرنامج	في نهاية العام الأكاديمي
٢.	رضا الطلاب عن البرنامج	من الأول للخامس	استبيانات	كل عام أكاديمي
٣.	رأي أعضاء هيئة التدريس	من الأول للخامس	استبيانات	كل عام أكاديمي
٤.	رأي سوق العمل	الخريجون	استبيانات	كل ثلاث إلى خمس سنوات

Matrix of Program competencies with Teaching Methods

N	Method	Health care provider	Health promoter	Professional	Scholar and scientist	Member of the health team	Lifelong learner and researcher
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N	Method	Health care provider	Health promoter	Professional	Scholar and scientist	Member of the health team	Lifelong learner and researcher
1	Large group sessions (Direct contact and online lectures)		X		X		X
2	Small group teaching (PBL/CBL)		X	X	X		X
3	Practical /Clinical activities	X		X	X	X	
4	Simulators / Mock patient/Skill lab	X	X	X			
5	Case conferences (Seminars)/ Research projects	X			X	X	X
6	Journal clubs /conference			X		X	X
7	Role models &/or Case-log/diary			X			
8	Feedback and Reflection		X	X			
9	Web based	X	X	X	X	X	X

Methods for assessment:

N	Method	Health care provider	Health promoter	Professional	Scholar and scientist	Member of the health team	Lifelong learner and researcher
1	Formative WPBA with checklist	X	X	X		X	X
2	Written Examination	X	X		X		X
3	Presentation			X		X	
4	Written reports	X			X		X
5	OSCE/OSPE	X	X	X	X	X	
6	Portfolio/ Log book	X		X			
7	Simulated Patients	X				X	

الاسم والتوقيع
منسق البرنامج

رويدا زاف